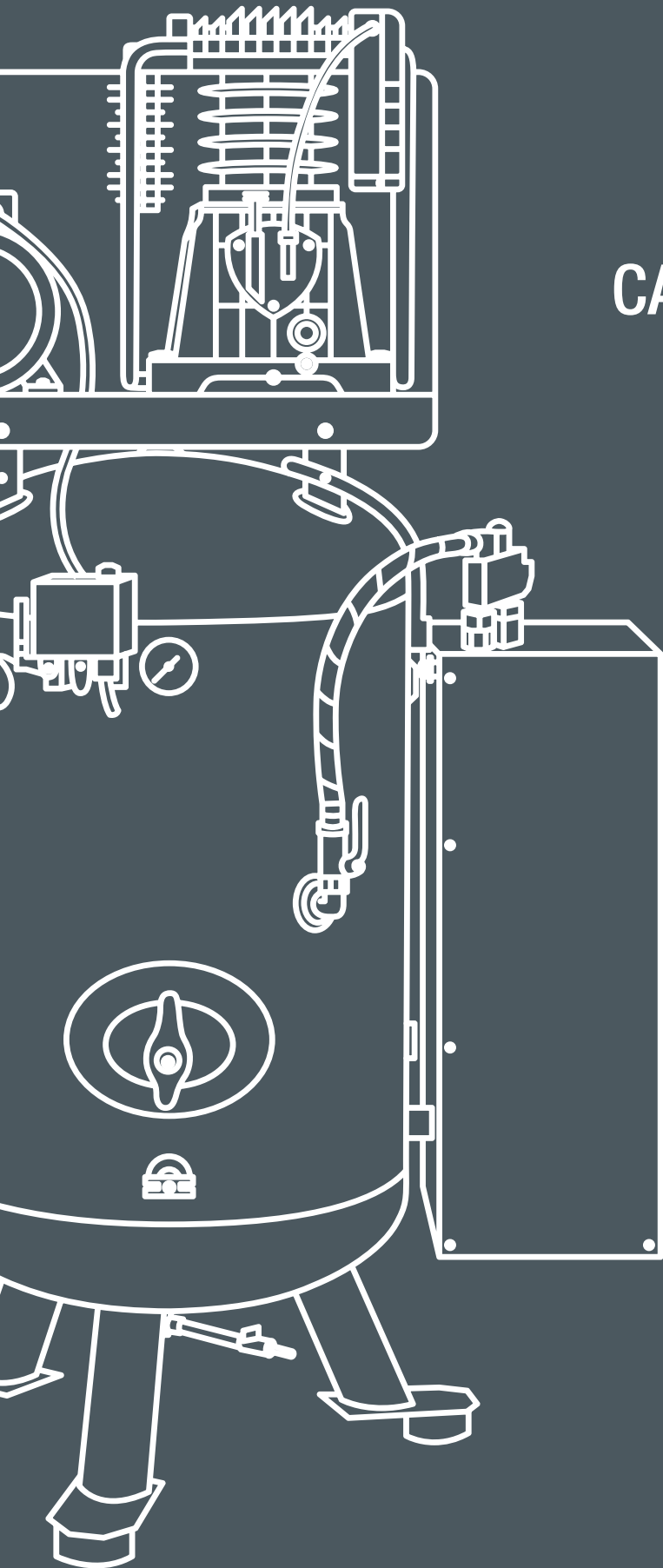




CATALOGUE

2018



50
YEARS



1.



2.



3.



4.

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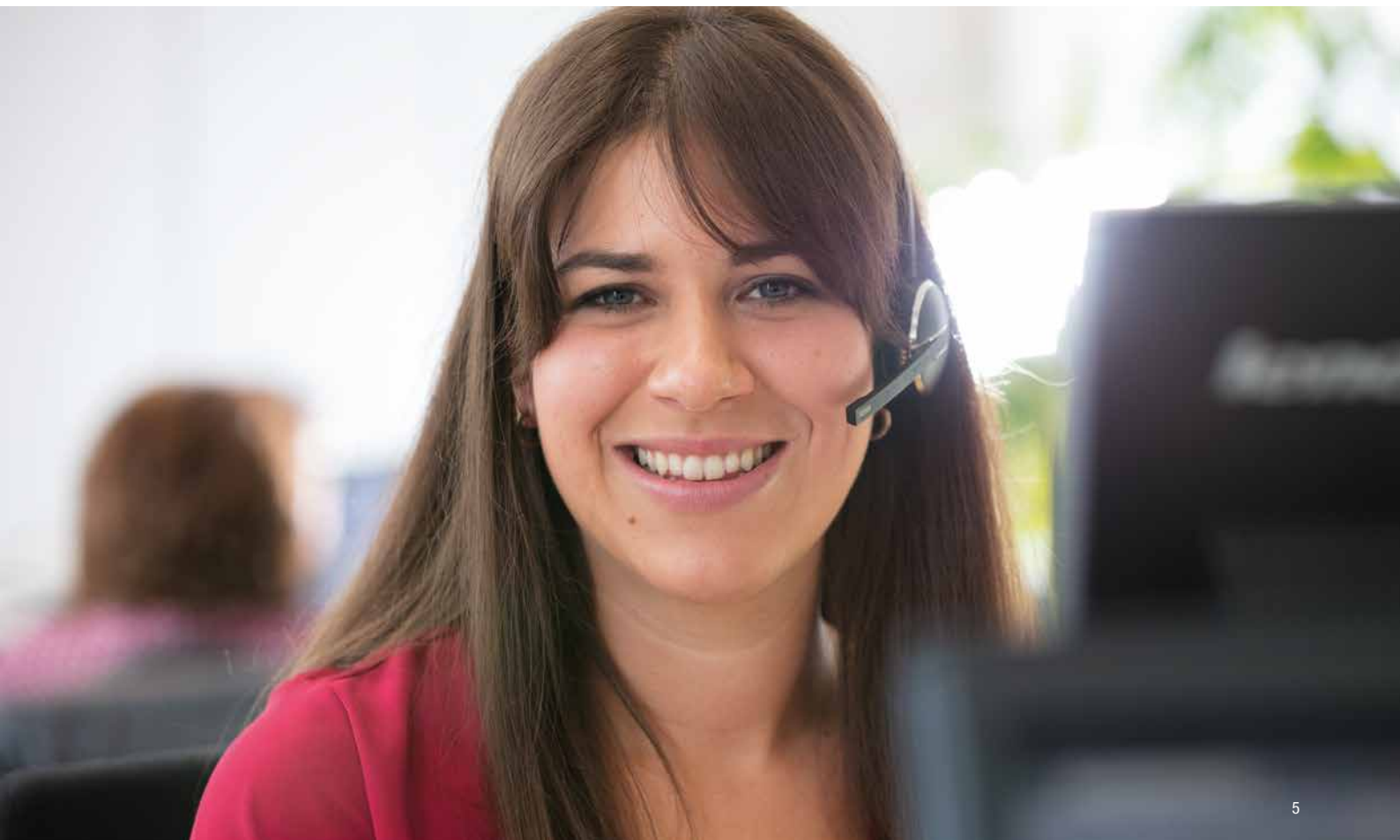
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Our objective for 50 years

We look after everything so that you don't have to
worry about compressed air

50
YEARS







Convincing solutions

COMPRESSED AIR SOLUTIONS FROM A SINGLE SOURCE

Our product portfolio covers all compressed air areas: The generation, conditioning, distribution and usage of compressed air. This way we always know what is really important for the profitable operation of your company.



OUR SOLUTIONS

- High-performance and user-oriented products from the generation to usage
- Innovations and further development of the product portfolio according to customer requirements
- Quality management for assuring the highest quality standards



Save time!

With us you get everything to do with compressed air from a single source.

A SERVICE OFFER THAT CONVINCES

You can count on us - whether it is fast and simple repair processing, our guarantee promise or our comprehensive network of service partners in Germany. For you this means operational reliability so that you can look after your business and customers.

OUR SOLUTIONS

- 1+2 warranty: Option to extend your warranty to 3 years with the majority of our products
- Over 60 service partners in Germany and a service hotline with professional advice in the event of a fault or breakdown
- In-house repair service in Reutlingen for mobile compressors and tools

BESPOKE ADVICE

How much does your compressed air system cost you and how much compressed air do you actually need? We provide competent and direct advice with your retail partner. You benefit from a compressed air solution designed to fulfil your purpose and resulting minimal costs.

OUR SOLUTIONS

- 12 sales representatives in Germany provide competent advice directly on-site together with the retail partner
- Implementation of efficiency, consumption and leakage measurements
- Optimisation of compressed air system according to your actual requirements



Stress-free!

With our comprehensive service for every situation.



Boost your profits!

With our individual and customised advice for your actual compressed air requirements.

OUR EMPLOYEES – A STRONG BASE

You can rely on our experience and competence in the area of compressed air solutions. Because we know what we are doing – for 50 years.





Compressed air generation

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Which is the right compressor for the job?

		Air re-quirement [l/s]	Average air con-sumption [l/min]	Minimum power [kW]*	Air quality	
					oiled	oil-free
Blowing guns						
D740015	AP-BM-SN		78	0.55		x
D740017	AP-BM-T9		78	0.55		x
D740020	AP-RS		180	1.10		x
D740021	AP-RSV 100		324	1.80		x
D740035	AP-SOFT		192	1.10		x
D740115	AP-BM-SNV100		180	1.10		x
D740140	AP-VARIO-S		162	1.10		x
D740141	AP-VARIO-L		222	1.10		x
D740142	AP-VARIO-F		348	1.80		x
D740143	AP-VARIO-V		222	1.10		x
D740144	AP-VARIO-P		222	1.10		x
D740145	AP-BM-S		234	1.50		x
D740148	AP-VARIO-L-500		380	1.10		x
Impact screwdrivers						
D322801	SGS 360-3/8"	5	100	1.50	x	
D322810	SGS 440-1/2"	5,3	106	1.50	x	
D322815	SGS 430-1/2"	5	100	1.50	x	
D327610	SGS 610-1/2"	6	120	1.80	x	
D322816	SGS 850-1/2"	8,2	164	1.80	x	
D322817	SGS 850 D-1/2"	8,2	164	1.80	x	
D322819	SGS 1100-1/2"	9,2	184	1.80	x	
D322820	SGS-Set 1/2" Base	6	120	1.80	x	
D322831	SGS 1700-3/4"	9,1	182	2.20	x	
D322841	SGS 2000-1"	9,1	182	2.20	x	
D322842	SGS 2700-1"	24	660	3.00	x	
Ratchet screwdrivers						
D322860	RAS-Set 1/2" Base	5	100	1.50	x	
D322861	RAS 41-1/4"	5	100	1.50	x	
D322862	RAS 41-3/8"	5	100	1.50	x	
D322863	RAS 68-1/2"	6	120	1.80	x	
D322864	RAS 122 SW-1/2"	6	120	1.80	x	
Tyre inflators						
D004009	RF-RMG			0.55		x
D004011	RF-RMG-K			0.55		x
D004017	RF-RM „geeicht“			0.55		x
D004021	RF 12 MG			0.55		x
D004026	RF 12 MG 2,5			0.55		x
D004027	RF 12 DVG 0,8			0.55		x
D040011	RF-RM			0.55		x
Rotary screwdrivers						
D322676	DRS 1800	4.6	184	1.80	x	
D322677	DRS 1000	4.6	184	1.80	x	
D322678	DRS 140 SYS	7	280	2.20	x	
D322680	DRS 1800-8	8	320	2.20	x	
D322681	DRS 1800-8 P	8	320	2.20	x	
Drills						
D322690	BM 2000-10mm	8	320	2.20	x	
D322691	BM 800-13mm	8	320	2.20	x	
D322692	BM-W 1400-10mm	6	240	2.20	x	
Grinding machines						
D322720	ES 150-5	6.9	416	4.00	x	
D322721	ES 150-2,5	6.9	416	4.00	x	
D322740	BDS 330-10	6.7	402	4.00	x	
D322752	SBS-Set-Base	5	300	2.20	x	
D322753	SDS 220-6mm	4	240	2.20	x	
D322754	SBS 220-6mm L	4	240	2.20	x	
D322755	SBS-W 220-6mm	4	240	2.20	x	
D322770	WSL 125	11	440	4.00	x	
D322771	LH-WSL 100	14	400	4.00	x	
D322659	SBS 700 SYS	3	180	2.20	x	

		Air re- quirement [l/s]	Average air con- sumption [l/min]	Minimum power [kW]*	Air quality	
					oiled	oil-free
Saws						
D322322	KS 10	4	200	1.80		x
Riveting tongs						
D322311	NZ-SYS		1.1 l per stroke	0.55		x
Staplers/nail guns						
D200091	KLG 80-16	0.3 l per impact		0.55		x
D200092	KLG 90-25	0.8 l per impact		0.55		x
D200094	KLG 114-65	1.3 l per impact		0.55		x
D200098	KLG 90-40 SYS	0.8 l per impact		0.55		x
D300046	KNG 40/50 SYS	1.1 l per impact		0.55		x
D300067	SNG-SK 50 SYS	1.1 l per impact		0.55		x
D300068	PNG-PN 25 SYS	0.3 l per impact		0.55		x
D300071	RNG-RN 90	2.9 l per impact		1.80		x
Grease gun						
D040025	FP-M	0.6 l per stroke		0.55		x
D040026	FP-A	0.6 l per stroke		0.55		x
Cartridge guns						
D040118	KTP 310 DR		60	0.55		x
D040130	SIP 600		100	0.55		x
D040137	KTP 310		100	0.55		x
D040138	KTP 310 ALU		100	0.55		x
Needle descalers						
D322416	NP 12-5000	3	150	1.80		x
D322417	NP 19-3700	3	150	1.80		x
D322418	NP 28-3500	4,8	240	2.20		x
Blasting devices						
D030025	SSP-SAV	4.7	282	3.00		x
D030030	SSP-Strahlfix	2.5	150	2.20		x
D030263	SSP-Strahlfix staubfrei	2.5	120	1.80		x
D030034	SSP-DSP	5	300	3.00		x
D030262	SSP-SAW 4 SYS	5.3	318	4.00		x
Chisel hammers						
D322430	MLH-Set-Base	4	180	1.80		x
D322431	MLH 5000/41-10	9.9	446	2.20		x
D322432	MLH 3000/56-10	10.7	482	2.20		x
D322433	MLH 3000/45-12	10.8	486	3.00		x
D322434	MLH 2500/76-10	9.5	428	2.20		x
Paint spray guns						
D030059	FSP-OPTIMAL 2001-1,5	2.0	120	2.20		x
D030194	FSP-FP 2001 M-MA	3.3	200	2.20		x
D030206	FSP-AZ 2	2.2	130	1.80		x
D030212	FSP-FP-HTE2 S	3.1	184	3,00		x
D030213	FSP-FP-HTE2 MA	3.1	184	3.00		x
D030290	FSP-MINI-VARIO 2	1.3	80	1.50		x
D030305	FSP-FP-HTE2 WB	3.3	200	3.00		x
D030310	FSP-FP-HTE2-1,5	3.3	200	3.00		x
D030311	FSP-FP-HTE2-1,3	3.3	200	3.00		x
D030312	FSP-FP-HTE2-1,8	3.3	200	3.00		x
Plaster sprayers						
D030063	TSP	3.8	225	3.00		x
D900514	SPR 330-6,5	5	300	4.00		x
D900521	SPR 215-6,5	5	300	4.00		x
D900529	SPR 215-8,5	5	300	4.00		x
Spray guns						
D040006	SPP-SE	0.8	50	1.10		x
D040008	SPP-SM	2	120	1.50		x
D040052	UHW 2000	2	120	1.50		x
D900512	SPL 750			1.50		x

* The overview does **not** include the simultaneous use of tools.

UniMaster model overview

Model	Art. no.	Pressure (bar)	Suction power (l/min)	Drive power (kW)	Vessel volume (l)	Page in the catalogue
UNM 210-8-25 W	A711000	8	200	1.1	24	14
UNM 210-8-25 WXOF	A711001	8	210	1.1	24	14
UNM 260-10-50 W	A712000	10	260	1.5	50	15
UNM 260-10-50 WX	A712001	10	260	1.5	50	15
UNM 310-10-50 W	A712010	10	285	1.8	50	15
UNM 310-10-50 WX	A712011	10	285	1.8	50	15
UNM 410-10-50 W	A713000	10	410	2.2	50	16
UNM 410-10-50 WX	A713001	10	410	2.2	50	16
UNM 410-10-50 D	A713010	10	410	2.2	50	16
UNM 410-10-50 DX	A713011	10	410	2.2	50	16
UNM 510-10-90 D	A714000	10	510	3	90	17
UNM 510-10-90 DX	A714001	10	510	3	90	17
UNM 660-10-90 D	A715000	10	660	4	90	17
UNM 660-10-90 DX	A715001	10	660	4	90	17
UNM 580-15-90 D	A715100	15	580	4	90	17
UNM 580-15-90 DX	A715101	15	580	4	90	17
UNM 150-8-25 W Base	A711002	8	150	1.1	24	18
UNM 150 RF-RM-AP-DLS	I800015	8	150	1.1	24	18
UNM 350-10-50 W Base	A713002	10	340	2.0	50	18
PEM 500-15-50 B	A444002	15	500	6.6	50	19

UniMaster

Flexible and user-friendly –
for universal use



User-friendly operating panel for easy reading of the pressure gauges and protection of sensitive parts



Long handle ensures particularly convenient transportation



Flexible operation thanks to separate outlets for unoiled and oiled compressed air, with safety quick-action coupling



15-year warranty against rust and corrosion on the vessel



High operating comfort due to condensate drainage at operation level



Easy to manoeuvre and resistant to punctures due to hard-wearing, soft rubber wheels



Good handling characteristics thanks to guide rolls at the front



Example: UniMaster UNM 410-10-50 WX

From private use through to professional workshop applications: The main characteristics of mobile UniMaster compressors are simple handling and a high degree of flexibility. The EXTRA version also impresses with its ample equipment and highest level of operating comfort.

UNM 210-8-25 W

UNM 210-8-25 WXOF



- Large wheels and welded rear handle for ease of transportation
- Robust, durable components

✓	Close-coupled 1-cylinder piston compressor	✓
✓	Large wheels	✓
✓	10-year guarantee against rust and corrosion on vessels	✓
	Oil-free, low-maintenance power unit	✓
✓	Air outlet via pressure reducer	
	Air outlet via filter pressure reducer	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM 210-8-25 W	A711000	8	200	110	1.1	230	2,850	24	25	95	655x365x595
UNM 210-8-25 WXOF	A711001	8	210	120	1.1	230	2,850	24	24	94	655x365x635

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip

An oil-free compressor reduces maintenance and does not generate compressed air that contains impure oil from the compressor.

UNM 260 / 310-10-50 W

UNM 260 / 310-10-50 WX

- Large wheels and welded rear handle for ease of transportation
- Robust, durable components
- Filter pressure reducer for better working results



✓	Close-coupled 1-cylinder piston compressor	✓
✓	Large wheels	✓
✓	10-year guarantee against rust and corrosion on vessels	
	15-year guarantee against rust and corrosion on the vessel with inner coating	✓
	4 m cable with rubber sheath	✓
	With guide rolls	✓
	Air outlet via filter pressure reducer with 2 quick-release couplings	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM 260-10-50 W	A712000	10	260	160	1,5	230	2.850	50	32	95	770x425x640
UNM 260-10-50 WX	A712001	10	260	160	1,5	230	2.850	50	33	95	770x425x640
UNM 310-10-50 W	A712010	10	285	195	1,8	230	2.850	50	33	97	770x425x700
UNM 310-10-50 WX	A712011	10	285	195	1,8	230	2.850	50	34	97	770x425x700

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip

The peripheral equipment of the EXTRA versions such as guide rolls and 4 m connection cable make mobile use easier.

UNM 410-10-50 W / D

UNM 410-10-50 WX / DX

- Powerful 2-cylinder power unit for applications with high air requirements
- Alternating current or three-phase current version suitable for any application
- Filter pressure reducer for better working results
- Low compressor speed, which is gentle on the compressor components and also reduces the noise level and vibrations



✓	V-belt driven, 2-cylinder piston compressor	✓
✓	10-year guarantee against rust and corrosion on vessels	
	15-year guarantee against rust and corrosion on the vessel with inner coating	✓
	User-friendly operating panel with mist oiler and filter pressure reducer	✓
✓	With guide rolls	✓
	Soft puncture-proof rubber wheels for a high level of comfort	✓
	With 2 safety quick-release couplings with a particularly high flow capacity	✓
	Condensate drainage via the ball valve at the operating panel	✓
	4 m cable with rubber sheath and cable hooks	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM 410-10-50 W	A713000	10	410	295	2.2	230	1,000	50	64	97	950x410x815
UNM 410-10-50 WX	A713001	10	410	295	2.2	230	1,000	50	68	97	950x410x875
UNM 410-10-50 D	A713010	10	410	295	2.2	400	1,000	50	62	96	950x410x815
UNM 410-10-50 DX	A713011	10	410	295	2.2	400	1,000	50	67	96	950x410x875

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath and plug with phase inverter for three-phase current versions, as standard

Tip

The soft rubber wheels and the welded rear handle on the EXTRA versions facilitate loading and transportation.

UNM 510 / 660 / 580 D

UNM 510 / 660 / 580 DX

- Powerful 2-cylinder power unit for applications with very high air requirements
- For any application: in 10 or 15 bar version
- 90 l vessel for high air requirements
- Low compressor speed, which is gentle on the compressor components and also reduces the noise level and vibrations



✓	V-belt driven, two-stage (510-10-90 D/DX single-stage) 2-cylinder piston compressor	✓
✓	10-year guarantee against rust and corrosion on vessels	
	15-year guarantee against rust and corrosion on the vessel with inner coating	✓
	User-friendly operating panel with mist oiler and filter pressure reducer	✓
✓	With guide rolls	✓
	Soft puncture-proof rubber wheels for a high level of comfort	✓
	With 2 safety quick-release couplings with a particularly high flow capacity	✓
	Condensate drainage via the ball valve at the operating panel	✓
	4 m cable with rubber sheath and cable hooks	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM 510-10-90 D	A714000	10	510	390	3	400	1,240	90	80	97	1,110x495x910
UNM 510-10-90 DX	A714001	10	510	390	3	400	1,240	90	84	97	1,100x505x935
UNM 660-10-90 D	A715000	10	660	520	4	400	1,000	90	102	97	1,110x495x1,015
UNM 660-10-90 DX	A715001	10	660	520	4	400	1,000	90	106	97	1,100x505x1,015
UNM 580-15-90 D	A715100	15	580	470	4	400	915	90	111	95	1,110x495x1,015
UNM 580-15-90 DX	A715101	15	580	470	4	400	915	90	116	95	1,100x505x1,015

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath and plug with phase inverter, as standard

Tip

The condensate drainage on the operating panel of the EXTRA versions allows for easy maintenance.

UNM 150-8-25 W Base

UNM 350-10-50 W Base

- Compressors with functional equipment for frequent use
- Easy to transport with optimally positioned handle and welded rear handle



✓	Close-coupled 1- or 2-cylinder piston compressor	✓
✓	5-year guarantee against rust and corrosion on vessels	✓
✓	Large wheels and welded handle for ease of transportation	✓
✓	Two pressure gauges for reading the vessel and working pressure	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM 150-8-25 W Base	A711002	8	150	80	1,1	230	2.850	24	23	95	580x245x620
UNM 350-10-50 W Base	A713002	10	340	200	2,0	230	2.850	50	60	95	770x425x730

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: Equipped with all safety fittings and electric connection cable as standard

PEM 500-15-50 B

- Can be operated independent of mains supply with petrol-driven unit
- Powerful 2-cylinder power unit for applications with very high air requirements
- Fully automatic operation with idling and speed regulation

V-belt driven, two-stage 2-cylinder piston compressor with petrol engine	✓
15-year rust guarantee on the vessel with inner coating	✓
Equipped with mist oiler and filter pressure reducer	✓
Two pressure gauges for vessel and working pressure	✓
Large, puncture-proof solid rubber wheels for maximum drive comfort	✓
Easily accessible condensate drain cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
PEM 500-15-50 B	A444002	15	500	400	6,6	1.140	50	114	97	1.060x490x960

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: Fully equipped with all the necessary safety fittings

Tip

The CPM 500-15-50 B is not only suitable for construction sites, but is also an ideal addition for breakdown service vehicles, where high-performance equipment is required.

CompactMaster model overview

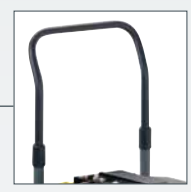
Model	Art. no.	Pressure (bar)	Suction power (l/min)	Drive power (kW)	Vessel volume (l)	Page in the catalogue
CPM 170-8-2 WOF	A201000	8	150	1.1	2	22
CPM 170-8-6 WOF	A202000	8	150	1.1	6	22
CPM 210-10-3 W	A222000	10	200	1.1	2.5	23
CPM 110-15-3 W	A221000	15	85	0.6	2.5	23
CPM 210-8-10 W	A211000	8	200	1.1	10	24
CPM 210-8-10 WXOF	A211001	8	210	1.1	10	24
CPM 260-10-10 W	A212000	10	250	1.5	10	24
CPM 260-10-10 WX	A212001	10	250	1.5	10	24
CPM 310-10-20 W	A213000	10	285	1.8	20	25
CPM 310-10-20 WX	A213001	10	285	1.8	20	25
CPM 360-10-20 W	A214000	10	355	2	20	25
CPM 360-10-20 WX	A214001	10	355	2	20	25
CPM 150-8-6 WOF Base	A202002	8	150	1.1	6	26
CPM 200-8-10 W Base	A211002	8	150	1.1	10	26
CPM 280-10-20 B	A215000	10	275	3	20	27
CPM L 310-10-20 WX	A223001	10	285	1.8	20	30
CPM L 330-10-20 WX	A224001	10	300	1.8	20	30

CompactMaster

Extremely powerful and easy to use –
the perfect companion for the construction site



Particularly user-friendly operating panel provides a clear view of the pressure gauge and protects sensitive parts



Particularly comfortable height-adjustable bracket for extremely easy transportation



4 m cable with practical cable holder for an extra-large working radius



Easy to manoeuvre due to hard-wearing puncture-resistant soft rubber wheels



15-year warranty against rust and corrosion on the vessel

Example: CompactMaster CPM 360-10-20 WX

Designed for demanding heavy-duty applications on the construction site: The robust, compact and lightweight design of the CompactMaster compressor makes it a reliable partner, e.g. for interior fittings or shell construction. Available as a portable or mobile version with height-adjustable bracket depending on requirements.

Extremely powerful, easy to handle

CompactMaster

CPM 170-8-2 WOF

CPM 170-8-6 WOF

- Extremely handy thanks to lightweight and compact design
- Low maintenance thanks to oil-free compressor
- Surrounding steel frame provides effective protection for all fittings



✓	Close-coupled 1-cylinder piston compressor	✓
✓	Two pressure gauges for vessel and working pressure	✓
✓	4 large rubber feet for extra stability and ease of transportation	✓
✓	Easily accessible condensate drain cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM 170-8-2 WOF	A201000	8	150	70	1.1	230	2,850	2	11	95	360x270x450
CPM 170-8-6 WOF	A202000	8	150	70	1.1	230	2,850	6	13	95	360x310x490

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip

An oil-free compressor reduces maintenance and does not generate compressed air that contains impure oil from the compressor.

CPM 210-10-3 W

CPM 110-15-3 W

- Suitable for demanding professional assembly work
- Optimised for use on construction sites thanks to robust design and optimal transport properties
- Extremely compact thanks to pressure tank integrated into steel frame
- For any application: in 10 or 15 bar version



✓	Close-coupled 1-cylinder piston compressor	✓
✓	Air outlet via filter pressure reducer	✓
✓	Two pressure gauges for vessel and working pressure	✓
✓	4 large rubber feet for extra stability and ease of transportation	✓
✓	10-year guarantee against rust and corrosion on vessels	✓
	Two air outlets on quick coupling; one of which is suitable for full pressure	✓
	Pressure up to 15 bar	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM 210-10-3 W	A222000	10	200	110	1.1	230	2,850	2.5	20.5	95	310x580x405
CPM 110-15-3 W	A221000	15	85	49	0.6	230	1,450	2.5	19.5	83	310x580x405

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Technische Zusatzmerkmale: Serienmäßig mit allen Sicherheitsarmaturen, Filterdruckminderer, hochwertigem Druckschalter sowie 2 m Gerätezuleitung mit Gummiummantelung

Tip

The water separator with filter at the pressure reducer reduces dirt particles, condensate and oil in the compressed air, thus increasing the service life of pneumatic tools.

Extremely powerful, easy to handle

CompactMaster

CPM 210 / 260 W

CPM 210 WXOF / 260 WX



- Lightweight design and carrying handles make it ideal for transportation
- Safety strut for maximum protection of fitting

✓	Close-coupled 1-cylinder piston compressor	✓
✓	Welded support tube with rubber handle	✓
✓	10-year guarantee against rust and corrosion on vessels	
	15-year guarantee against rust and corrosion on the vessel with inner coating	✓
✓	Air outlet via pressure reducer	
	Air outlet via filter pressure reducer	✓
	4 m cable with rubber sheath	✓
	CPM 210 WXOF: oil-free, low-maintenance power unit	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM 210-8-10 W	A211000	8	200	110	1.1	230	2,850	10	24	95	420x340x620
CPM 210-8-10 WXOF	A211001	8	210	120	1.1	230	2,850	10	21	95	420x340x620
CPM 260-10-10 W	A212000	10	250	150	1.5	230	2,850	10	25	95	420x340x620
CPM 260-10-10 WX	A212001	10	250	150	1.5	230	2,850	10	26	95	420x340x620

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip

An oil-free compressor reduces maintenance and does not generate compressed air that contains impure oil from the compressor.

CPM 310 / 360-10-20 W

CPM 310 / 360-10-20 WX

- Practical handles make it ideal for transportation
- Large wheels for greater mobility and flexibility
- Efficient power units for applications with high air requirements



✓	Close-coupled 1-cylinder or 2-cylinder piston compressor	✓
✓	Welded support tube with rubber handle	
	Height-adjustable bracket for outstanding transportation characteristics	✓
✓	10-year guarantee against rust and corrosion on vessels	
	15-year guarantee against rust and corrosion on the vessel with inner coating	✓
✓	Air outlet via filter pressure reducer	
	User-friendly operating panel with mist oiler and filter pressure reducer	✓
	Soft puncture-proof rubber wheels for a high level of comfort	✓
	4 m cable with rubber sheath and cable hooks	✓



1 | Compressed air generation

Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM 310-10-20 W	A213000	10	285	195	1.8	230	2,850	20	32	97	520x430x810
CPM 310-10-20 WX	A213001	10	285	195	1.8	230	2,850	20	33	97	520x340x860
CPM 360-10-20 W	A214000	10	355	225	2	230	2,850	20	39	95	520x430x810
CPM 360-10-20 WX	A214001	10	355	225	2	230	2,850	20	40	95	520x430x860

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip > Test the ingenious features of the EXTRA variants. For example, the pull-out handle and soft rubber wheels redefine the word „mobility“.

Extremely powerful, easy to handle

CompactMaster

CPM 150-8-6 WOF Base

CPM 200-8-10 W Base

- Compressors with functional equipment for frequent use



✓	Close-coupled 1-cylinder piston compressor	✓
✓	Extremely easy to handle thanks to lightweight and compact design	
✓	Low maintenance thanks to oil-free compressor	
	Rubber handle for easy transportation	✓
✓	5-year guarantee against rust and corrosion on vessels	✓
✓	Two pressure gauges for reading the vessel and working pressure	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM 150-8-6 WOF Base	A202002	8	150	70	1.1	230	2,850	6	11	90	360x300x480
CPM 200-8-10 W Base	A211002	8	150	80	1.1	230	2,850	10	21	95	420x340x620

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: Equipped with all safety fittings and electric connection cable as standard

CPM 280-10-20 B

- Can be operated independent of mains supply with petrol-driven unit
- Practical handles make it ideal for transportation
- Safety strut for maximum protection of fitting

✓	Close-coupled 1-cylinder piston compressor with petrol engine
✓	Two pressure gauges for vessel and working pressure
✓	Large wheels for maximum drive comfort
✓	10-year rust guarantee on vessels
✓	Easily accessible condensate drain cock



1 | Compressed air generation



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM 280-10-20 B	A215000	10	275	165	3	-	3,410	20	36	97	600x490x850

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: Fully equipped with all the necessary safety fittings

Tip > The CPM 280-10-20 B is not only suitable for construction sites, but is also an ideal addition for breakdown service vehicles.

Genuine professionals for the construction site – the CompactMaster L



Tough and extremely wear-resistant.
Robust protection of all components, large wheels and good ground clearance make the new CompactMaster CPM L reliable partners on the construction site – also at low temperatures.



Easy to transport.
Distinct grip positions and attachment points, coupled with stability and tilt resistance thanks to a low centre of gravity, ensure optimal loading and transport properties.



Orderly system.
With the optional adapter plate Sys-Adapter, Systainers can be quickly and easily combined with the compressor. The tool and accessories are always ready to hand and stowed away safely.

CompactMaster L

Genuine construction site professionals,
high-performance & smooth running



Surrounding steel frame
for optimal protection
of all components



Optimal loading and transportation properties
thanks to distance handle
position and attachment points



Efficient 1- and 2-cylinder power units
for applications with
high air requirements



Second air outlet
allows simultaneous use
of two tools



Good ground clearance
thanks to puncture-proof
wheels made from solid
polyurethane material



Robust design is ideal for use on construction sites

Example: CompactMaster CPM L 330-10-20 WX

Genuine construction site professionals: The high-performance CompactMaster L are the ideal compressors for tough construction site applications. They impress with their robustness, smooth running and excellent cold start properties, which allow them to also be used at low temperatures. The compressors are also easy to transport and can be combined with Systainers.

Extremely powerful, easy to handle

CompactMaster

CPM L 310 / 330-10-20 WX



- Robust design is ideal for use on construction sites
- Surrounding steel frame provides effective protection for all components
- Optimal loading and transportation properties thanks to distinct handle position and attachment points
- Good cold start properties with additional startup load relieving valve at the pressure switch

✓	Close-coupled 1- or 2-cylinder piston compressor
✓	User-friendly operating panel with two air outlets
✓	Two pressure gauges for vessel and working pressure
✓	Water separator with filter for optimal air quality
✓	4 m cable with rubber sheath and cable hooks
✓	Puncture-resistant wheels made from solid material for high driving comfort
✓	10-year rust guarantee on vessels



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
CPM L 310-10-20 WX	A223001	10	285	195	1.8	230	2,850	20	41	97	830x560x480
CPM L 330-10-20 WX	A224001	10	300	210	1.8	230	1,450	20	49	95	830x560x480

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as device supply cable with rubber sheath, as standard

Tip ▶ Particularly quiet and smooth running thanks to the low speed of the CPM L 330-10-20 WX.

Sys-Adapter accessories for CPM L 310 / 330



- Adapter plate for securing Systainers
- Secure interlock with Systainer with folding mechanism

Model	Art. no.
SYS-AP-CPM L	B323431

Extremely powerful, easy to handle

CompactMaster



Perfect in a system – the SysMaster compressor



Easy to handle and light.

Weighing only 13 kg and with the option to combine the compressor with a roll board, transporting all components on the construction site is extremely easy and manageable.



Robust.

All fittings are reliably protected by the Systainer. Operation when the Systainer is closed offers complete protection of all parts and reduces the noise level. The SysMaster demonstrates its tough and long-lasting qualities on the construction site.



Combinable.

The SysMaster is compatible with other Systainers. With it you create a perfect transportable system. Thanks to the clever connection you save time by being able to transport more devices at the same time. Compressors, tools and accessories are ready to hand and safely stowed away at all times.



SysMaster

Perfect in a system,
extremely lightweight & unrivalled versatility



Perfect in the system
thanks to combination
with other Systainers



**Outstanding
transportation properties**
thanks to ergonomic handle



**Unrivalled
lightweight design**
at only 13 kg



Extremely robust:
Operating the machine inside
a closed Systainer protects the
sensitive components perfectly
while simultaneously reducing
noise levels



**Simple operation
from exterior**
due to integral operating
panel with quick-action
coupling, pressure reducer,
two pressure gauges and
condensate drainage



Example: SysMaster SYM 150-8-6 WXOF



Easy to manoeuvre
on the optional roll board

Perfect in the system: The combination with other Systainers, excellent transport properties, robustness and optimal operability are the big advantages of the SysMaster! In combination with the roll board the SysMaster makes an optimal partner for mobile applications such as blowing, stapling and nailing or sealing.

SYM 150-8-6 WXOF

- Perfect in a system: Can be combined with other Systainers
- Easy to carry, only 13 kg
- Extremely robust, components are protected in the Systainer
- Operating panel for easy external operation
- Ergonomic handle and optional roll board for simple transportation



✓	1-cylinder piston compressor	✓
✓	Oil-free, low-maintenance power unit	✓
✓	Two pressure gauges for vessel and working pressure	✓
✓	10-year guarantee against rust and corrosion on vessels	✓
✓	Air outlet via pressure reducer	✓
	In a set with roll board	✓
✓	4 m cable with rubber sheath	✓
	In a set with 2 TL Systainer with AP-Vario-P blowing guns and DLS-SK-SF 15.5–10/10 m (I800025) tube or in a set with 1 TL Systainer with SNG-50 round head nail gun incl. 5000 round head nails and protective goggles (I800027) or in a set with KNG 40/50 SYS combination nail gun, SYS 1 TL Systainer and DLS-SK-SF 11–6.3/10 m superflex tube (I800058).	✓



SysMaster-Sets



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
SYM 150-8-6 WXOF	A911000	8	150	70	1.1	230	2,450	6	13	89	296x396x320
SET SYM 150 AP-RB-DLS	I800025	8	150	70	1.1	230	2,450	6		89	
SET SYM 150 SNG-RB	I800027	8	150	70	1.1	230	2,450	6		89	
SET SYM 150-KNG-RB-DLS	I800058	8	150	70	1.1	230	2,450	6		89	

¹⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as device supply cable with rubber sheath, as standard

Tip

The SysMaster can be combined with any other Systainers. The compressor, tool and accessories are always stored safely at your fingertips as a result.

Systainer

- Systainer without inlays

Model	Art. no.	Weight (kg)	Internal dimensions (HxWxD) (mm)	Dimensions (WxDxH)
SYS 1 TL	D322500	1.3	75x273x383	296x396x105



Systainer

- Systainer without inlays

Model	Art. no.	Weight (kg)	Internal dimensions (HxWxD) (mm)	Dimensions (WxDxH)
SYS 2 TL	D322501	1.5	127,5x267x383	296x396x157,5



Mini-Systainer

- Can be combined with Mini Systainers only
- Systainer without inlays

Model	Art. no.	Weight (kg)	Internal dimensions (HxWxD) (mm)	Dimensions (WxDxH)
SYS-Mini 1	B323414	0.4	50x248x158	268x171x70



Mini-Systainer

- Can be combined with Mini Systainers only
- Systainer without inlays

Model	Art. no.	Weight (kg)	Internal dimensions (HxWxD) (mm)	Dimensions (WxDxH)
SYS-Mini 2	B323417	0.45	67x248x158	268x171x87



Roll board

Model	Art. no.
RB-SYS TL	B323430

- For easy, effortless transport to the building site, in the workshop and between vehicle and place of use
- Sliding mechanism for secure interlock with Systainers



The intelligent transport and arrangement system

Systainer

Inlays and inserts

Common features

- The various inlays and inserts allow Systainers to be adapted individually to different requirements and applications
- For protection and systematic storage of tools and materials

Bottom cushion



- With pre-perforated cubes for individual adaptation to tools and contents of any form

Model	Art. no.
EIL-BP SYS 1-5 - 50mm	B323483

Cover cushion



- All contents protected by the burl padding in the cover

Model	Art. no.
EIL-DP SYS 1-5	B323481

SilentMaster

Silent compressors –
when quiet operation is required



Optimal operating temperature
thanks to electric auxiliary fan



Extremely low-noise
thanks to special sound insulation cover



Precise work
thanks to two pressure gauges for reading tank pressure and operating pressure



10-year warranty
against rust and corrosion on vessels



90 l vessel for high air requirements



Ease of transport
thanks to plastic puncture-proof wheels



Example: SilentMaster SEM 330-10-90 W

The SilentMaster is very silent thanks to its special noise insulation. This portable/mobile compressor series is therefore ideal for applications where silence is required, e.g. when there is no separate room available for the compressor.

When quiet operation is required

SilentMaster

SEM 30-8-4 W

SEM 50-8-9 W



- Extremely quiet due to special noise insulation
- Ideally suited for airbrushing
- Extremely handy thanks to lightweight and compact design

✓	Close-coupled 1-cylinder piston compressor	✓
✓	Stable handle for simple transportation	✓
✓	10-year guarantee against rust and corrosion on vessels	✓
✓	4 large rubber feet for extra stability and ease of transportation	✓
✓	Easily accessible condensate drain cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
SEM 30-8-4 W	A333005	8	30	19	0.2	230	2,900	4	19	31	425x195x430
SEM 50-8-9 W	A333004	8	50	36	0.34	230	2,900	9	22	33	360x360x480

¹⁾ LpA4 sound pressure level at distance of 4 m

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip

The duty cycle must not exceed 50 % due to the subsequent generation of heat in the special encapsulated power unit.

SEM 110-8-6 WOF

NEW

SEM 210-8-6 WOF

- Reduced noise with sound absorbing cover
- Low maintenance thanks to oil-free compressor
- Extremely handy thanks to lightweight and compact design



✓	Close-coupled 1-cylinder piston compressor	✓
✓	Integral handle for simple transportation	✓
✓	10-year guarantee against rust and corrosion on vessels	✓
	Air outlet via pressure reducer	✓
✓	Air outlet via filter pressure reducer	
✓	Two pressure gauges for vessel and working pressure	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
SEM 110-8-6 WOF	A311001	8	105	68	0.75	230	1,450	6	18	65	85	430x210x430
SEM 210-8-6 WOF	A313000	8	210	120	1.1	230	2,850	6	23	65	85	600x270x570

¹⁾ LpA4 sound pressure level at distance of 4 m ²⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Technische Zusatzmerkmale: Serienmäßig mit allen Sicherheitsarmaturen, hochwertigem Druckschalter sowie 2 m Geräteleitung mit Gummiummantelung

Tip > An oil-free compressor reduces maintenance and does not generate compressed air that contains impure oil from the compressor.

NEW

SEM 255-10-50 W

SEM 330-10-90 W

- Reduced noise with sound absorbing cover
- Low noise level at installation site
- 50 or 90 l vessel for high air requirements



✓	Close-coupled 1- or 2-cylinder piston compressor	✓
✓	10-year guarantee against rust and corrosion on vessels	✓
✓	Air outlet via filter pressure reducer	✓
✓	Two pressure gauges for vessel and working pressure	✓
	Electric auxiliary fan prevents unit from overheating	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min)	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
SEM 255-10-50 W	A333001	10	255	165	1.5	230	2,850	50	56	67	87	1,000x390x770
SEM 330-10-90 W	A316000	10	300	210	1.8	230	1,450	90	87	66	87	1,030x520x1,020

¹⁾ LpA4 sound pressure level at distance of 4 m ²⁾ Sound power level according to DIN EN ISO 3744 (RL 2000/14/EC)

Additional technical features: With all safety fittings, high-quality Condor pressure switch, as well as 2 m device supply cable with rubber sheath, as standard

Tip > The water separator with filter at the pressure reducer reduces dirt particles, condensate and oil in the compressed air, thus increasing the service life of pneumatic tools.

You can count on us – Guaranteed!





With our 1+2 warranty, we offer a three year warranty for selected mobile compressors and pneumatic tools following online registration of the purchased product.

If you or a dealer you nominate registers your Schneider product online within 30 days of purchase, we will give you a 3-year warranty from the date of purchase on a product from the current sales portfolio.

www.schneider-airsystems.com

UniMaster model overview

			
<p>UniMaster STS (also available with horizontal vessel)</p>	<p>UniMaster STS XS with sound absorbing cover (also available with horizontal vessel)</p>	<p>UniMaster STS XDK with cold dryer</p>	<p>UniMaster STS XSDK with sound absorbing cover and cold dryer</p>
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UniMaster

Powerful with versatile combination options – the all-rounder for small and medium sized workshops



High-performance
two-stage 2-cylinder
power unit



Easy retrofitting
of sound absorbing cover
(for 4.0 kW)



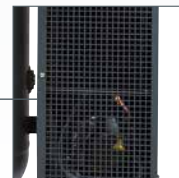
Simple, cost-saving
inspection
of the vessel through
hand hole



15-year warranty
against rust and corrosion on
vessel thanks to inner coating



Vertical design
saves space



System ready for operation
with integrated cold dryer



Example: UniMaster UNM STS 660-10-270 XDK

The UniMaster piston compressors are powerful and robust and are the perfect solution when a permanent air supply is not required – e.g. in small motor vehicle workshops. They are available with a vertical or horizontal vessel and can be used as an auxiliary compressor. The modular system allows for the individual expansion with a cold dryer and/or sound absorbing cover.

The piston compressors with individual fittings

Stationary piston compressors

UniMaster STS



- Vertical design saves space
- Flexible extension option by retrofitting a sound absorbing cover (for compressors with 4 kW) and/or a cold dryer
- Simple, cost-saving inspection of the vessel through hand hole
- Vessel manufactured in accordance with AD2000 standard

✓	V-belt driven, two-stage 2-cylinder piston compressor
✓	15-year rust guarantee on the vessel with inner coating
✓	With rubber dampers for extra stability
✓	With intermediate cooler and aftercooler
✓	Easily accessible condensate drain cock
✓	Auxiliary sleeve with blind plugs for easy extension (except 90 l vessel)
✓	Air outlet 3/4" with air shut-off cock

15

Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STS 660-10-90	H811000	10	660	520	4	1,025	90	123	78	750x705x1,170
UNM STS 660-10-270	H812000	10	660	520	4	1,025	270	170	78	750x705x1,800
UNM STS 660-10-500	H813000	10	660	520	4	1,025	500	215	78	850x850x1,945
UNM STS 580-15-270	H822000	15	580	470	4	915	270	177	78	750x705x1,800
UNM STS 580-15-500	H823000	15	580	470	4	915	500	230	78	850x850x1,945
UNM STS 1000-10-90	H831000	10	1,000	790	5.5	995	90	187	82	975x705x1,245
UNM STS 1000-10-270	H832000	10	1,000	790	5.5	995	270	234	82	975x705x1,875
UNM STS 1000-10-500	H833000	10	1,000	790	5.5	995	500	279	82	975x850x2,020
UNM STS 780-15-270	H842000	15	780	640	5.5	830	270	241	80	975x705x1,875
UNM STS 780-15-500	H843000	15	780	640	5.5	830	500	294	80	975x850x2,020
UNM STS 1250-10-90	H851000	10	1,250	980	7.5	1,240	90	199	84	975x705x1,245
UNM STS 1250-10-270	H852000	10	1,250	980	7.5	1,240	270	246	84	975x705x1,875
UNM STS 1250-10-500	H853000	10	1,250	980	7.5	1,240	500	291	84	975x850x2,020
UNM STS 1000-15-270	H862000	15	1,000	790	7.5	995	270	253	82	975x705x1,875
UNM STS 1000-15-500	H863000	15	1,000	790	7.5	995	500	306	82	975x850x2,020
C variants with preassembled star-delta switch										
UNM STS 1000-10-90 C	H831001	10	1,000	790	5.5	995	90	187	82	975x705x1,245
UNM STS 1000-10-270 C	H832001	10	1,000	790	5.5	995	270	234	82	975x705x1,875
UNM STS 1000-10-500 C	H833001	10	1,000	790	5.5	995	500	279	82	975x850x2,020
UNM STS 780-15-270 C	H842001	15	780	640	5.5	830	270	241	80	975x705x1,875
UNM STS 780-15-500 C	H843001	15	780	640	5.5	830	500	294	80	975x850x2,020
UNM STS 1250-10-90 C	H851001	10	1,250	980	7.5	1,240	90	199	84	975x705x1,245
UNM STS 1250-10-270 C	H852001	10	1,250	980	7.5	1,240	270	246	84	975x705x1,875
UNM STS 1250-10-500 C	H853001	10	1,250	980	7.5	1,240	500	291	84	975x850x2,020
UNM STS 1000-15-270 C	H862001	15	1,000	790	7.5	995	270	253	82	975x705x1,875
UNM STS 1000-15-500 C	H863001	15	1,000	790	7.5	995	500	306	82	975x850x2,020

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

It is strongly recommended that all compressors above 5.5 kW be started via an automatic star-delta switch.

UniMaster STS Silent

- Vertical design saves space
- Extremely low noise level thanks to sound absorbing cover
- Flexible extension possible with simple retrofitting of cold dryer
- Simple, cost-saving inspection of the vessel through hand hole
- Vessel manufactured in accordance with AD2000 standard

V-belt driven, two-stage 2-cylinder piston compressor	✓
15-year rust guarantee on the vessel with inner coating	✓
With rubber dampers for extra stability	✓
With intermediate cooler and aftercooler	✓
Easily accessible condensate drain cock	✓
Auxiliary sleeve with blind plugs for easy extension (except 90 l vessel)	✓
Air outlet 3/4" with air shut-off cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STS 660-10-90 XS	H811100	10	660	520	4	1,025	90	162	69	775x740x1,275
UNM STS 660-10-270 XS	H812100	10	660	520	4	1,025	270	209	69	775x740x1,905
UNM STS 660-10-500 XS	H813100	10	660	520	4	1,025	500	254	69	850x850x2,055
UNM STS 580-15-270 XS	H822100	15	580	470	4	915	270	216	69	775x740x1,905
UNM STS 580-15-500 XS	H823100	15	580	470	4	915	500	269	69	850x850x2,055

1) LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 2) Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

Can be used on noise-sensitive installation sites with sound absorbing cover, e.g. if there is no separate compressor room.

The piston compressors with individual fittings

Stationary piston compressors

UniMaster STS with cold dryer



- Vertical design saves space
- System ready for operation, with integral cold dryer
- Dry compressed air for perfect working results
- Flexible extension possible with simple retrofitting of sound absorbing cover (for compressors with 4 kW)
- Simple, cost-saving inspection of the vessel through hand hole
- Vessel manufactured in accordance with AD2000 standard

✓	V-belt driven, two-stage 2-cylinder piston compressor
✓	15-year rust guarantee on the vessel with inner coating
✓	With rubber dampers for extra stability
✓	With intermediate cooler and aftercooler
✓	Easily accessible condensate drain cock
✓	Auxiliary sleeve with blind plugs for easy extension (except 90 l vessel)
✓	Air outlet 3/4" with air shut-off cock



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STS 660-10-270 XDK	H812010	10	660	520	4	1,025	270	206	78	945x705x1,800
UNM STS 660-10-500 XDK	H813010	10	660	520	4	1,025	500	251	78	1,070x850x1,945
UNM STS 580-15-270 XDK	H822010	15	580	470	4	915	270	213	78	945x705x1,800
UNM STS 580-15-500 XDK	H823010	15	580	470	4	915	500	266	78	1,070x850x1,945
UNM STS 1000-10-270 XDK	H832010	10	1,000	790	5.5	995	270	271	82	1,070x705x1,875
UNM STS 1000-10-500 XDK	H833010	10	1,000	790	5.5	995	500	316	82	1,145x850x2,020
UNM STS 780-15-270 XDK	H842010	15	780	640	5.5	830	270	278	80	1,070x705x1,875
UNM STS 780-15-500 XDK	H843010	15	780	640	5.5	830	500	331	80	1,145x850x2,020
UNM STS 1250-10-270 XDK	H852010	10	1,250	980	7.5	1,240	270	283	84	1,070x705x1,875
UNM STS 1250-10-500 XDK	H853010	10	1,250	980	7.5	1,240	500	328	84	1,145x850x2,020
UNM STS 1000-15-270 XDK	H862010	15	1,000	790	7.5	995	270	290	82	1,070x705x1,875
UNM STS 1000-15-500 XDK	H863010	15	1,000	790	7.5	995	500	343	82	1,145x850x2,020
C variants with preassembled star-delta switch										
UNM STS 1000-10-270 XDKC	H832011	10	1,000	790	5.5	995	270	271	82	1,070x705x1,875
UNM STS 1000-10-500 XDKC	H833011	10	1,000	790	5.5	995	500	316	82	1,145x850x2,020
UNM STS 780-15-270 XDKC	H842011	15	780	640	5.5	830	270	278	80	1,070x705x1,875
UNM STS 780-15-500 XDKC	H843011	15	780	640	5.5	830	500	331	80	1,145x850x2,020
UNM STS 1250-10-270 XDKC	H852011	10	1,250	980	7.5	1,240	270	283	84	1,070x705x1,875
UNM STS 1250-10-500 XDKC	H853011	10	1,250	980	7.5	1,240	500	328	84	1,145x850x2,020
UNM STS 1000-15-270 XDKC	H862011	15	1,000	790	7.5	995	270	290	82	1,070x705x1,875
UNM STS 1000-15-500 XDKC	H863011	15	1,000	790	7.5	995	500	343	82	1,145x850x2,020

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

It is strongly recommended that all compressors above 5.5 kW be started via an automatic star-delta switch.

UniMaster STS Silent with cold dryer

- Vertical design saves space
- Extremely low noise level thanks to sound absorbing cover
- System ready for operation, with integral cold dryer
- Dry compressed air for perfect working results
- Simple, cost-saving inspection of the vessel through hand hole
- Vessel manufactured in accordance with AD2000 standard



V-belt driven, two-stage 2-cylinder piston compressor	✓
15-year rust guarantee on the vessel with inner coating	✓
With rubber dampers for extra stability	✓
With intermediate cooler and aftercooler	✓
Easily accessible condensate drain cock	✓
Auxiliary sleeve with blind plugs for easy extension (except 90 l vessel)	✓
Air outlet 3/4" with air shut-off cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STS 660-10-270 XSDK	H812110	10	660	520	4	1,025	270	245	69	960x740x1,905
UNM STS 660-10-500 XSDK	H813110	10	660	520	4	1,025	500	290	69	1,070x850x2,055
UNM STS 580-15-270 XSDK	H822110	15	580	470	4	915	270	252	69	960x740x1,905
UNM STS 580-15-500 XSDK	H823110	15	580	470	4	915	500	305	69	1,070x850x2,055

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

Can be used on noise-sensitive installation sites with sound absorbing cover, e.g. if there is no separate compressor room.

The piston compressors with individual fittings

Stationary piston compressors

UniMaster STL



- Low installation height particularly suitable for use in rooms with low ceilings
- Flexible extension possible with simple retrofitting of sound absorbing cover (for compressors with 4 kW)
- Simple, cost-saving inspection of the vessel through hand hole
- Vessel manufactured in accordance with AD2000 standard

✓	V-belt driven, two-stage 2-cylinder piston compressor
✓	15-year rust guarantee on the vessel with inner coating
✓	With rubber dampers for extra stability
✓	With intermediate cooler and aftercooler
✓	Easily accessible condensate drain cock
✓	Air outlet 3/4" with air shut-off cock

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Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STL 660-10-270	H815000	10	660	520	4	1,025	270	174	78	1,620x515x1,205
UNM STL 660-10-500	H816000	10	660	520	4	1,025	500	228	78	1,950x625x1,305
UNM STL 580-15-270	H825000	15	580	470	4	915	270	188	78	1,620x515x1,205
UNM STL 580-15-500	H826000	15	580	470	4	915	500	244	78	1,950x625x1,305
UNM STL 1000-10-270	H835000	10	1,000	790	5.5	995	270	238	82	1,620x555x1,285
UNM STL 1000-10-500	H836000	10	1,000	790	5.5	995	500	292	82	1,950x625x1,380
UNM STL 780-15-270	H845000	15	780	640	5.5	830	270	252	80	1,620x555x1,285
UNM STL 780-15-500	H846000	15	780	640	5.5	830	500	308	80	1,950x625x1,380
UNM STL 1250-10-270	H855000	10	1,250	980	7.5	1,240	270	250	84	1,620x555x1,285
UNM STL 1250-10-500	H856000	10	1,250	980	7.5	1,240	500	304	84	1,950x625x1,380
UNM STL 1000-15-270	H865000	15	1,000	790	7.5	995	270	264	82	1,620x555x1,285
UNM STL 1000-15-500	H866000	15	1,000	790	7.5	995	500	320	82	1,950x625x1,380

C variants with preassembled star-delta switch

UNM STL 1000-10-270 C	H835001	10	1,000	790	5.5	995	270	238	82	1,620x555x1,285
UNM STL 1000-10-500 C	H836001	10	1,000	790	5.5	995	500	292	82	1,950x625x1,380
UNM STL 780-15-270 C	H845001	15	780	640	5.5	830	270	252	80	1,620x555x1,285
UNM STL 780-15-500 C	H846001	15	780	640	5.5	830	500	308	80	1,950x625x1,380
UNM STL 1250-10-270 C	H855001	10	1,250	980	7.5	1,240	270	250	84	1,620x555x1,285
UNM STL 1250-10-500 C	H856001	10	1,250	980	7.5	1,240	500	304	84	1,950x625x1,380
UNM STL 1000-15-270 C	H865001	15	1,000	790	7.5	995	270	264	82	1,620x555x1,285
UNM STL 1000-15-500 C	H866001	15	1,000	790	7.5	995	500	320	82	1,950x625x1,380

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

It is strongly recommended that all compressors above 5.5 kW be started via an automatic star-delta switch.

The piston compressors with individual fittings

Stationary piston compressors

UniMaster STL Silent

- Low installation height particularly suitable for use in rooms with low ceilings
- Extremely low noise level thanks to sound absorbing cover
- Simple, cost-saving inspection of the vessel through hand hole
- Vessel manufactured in accordance with AD2000 standard

V-belt driven, two-stage 2-cylinder piston compressor	✓
15-year rust guarantee on the vessel with inner coating	✓
With rubber dampers for extra stability	✓
With intermediate cooler and aftercooler	✓
Easily accessible condensate drain cock	✓
Air outlet 3/4" with air shut-off cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STL 660-10-270 XS	H815100	10	660	520	4	1,025	270	213	69	1,620x600x1,315
UNM STL 660-10-500 XS	H816100	10	660	520	4	1,025	500	267	69	1,950x670x1,415
UNM STL 580-15-270 XS	H825100	15	580	470	4	915	270	227	69	1,620x600x1,315
UNM STL 580-15-500 XS	H826100	15	580	470	4	915	500	283	69	1,950x670x1,415

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

Can be used on noise-sensitive installation sites with sound absorbing cover, e.g. if there is no separate compressor room.

The piston compressors with individual fittings

Stationary piston compressors

UniMaster STH on tandem vessel



- Low installation height particularly suitable for use in rooms with low ceilings
- TÜV-free with 2 x 90 l tandem vessels
- System ready for operation mounted on a pallet

✓	V-belt driven, two-stage 2-cylinder piston compressor
✓	15-year rust guarantee on the vessel with inner coating
✓	With rubber dampers for extra stability
✓	With intermediate cooler and aftercooler
✓	Easily accessible condensate drain cock
✓	Air outlet 3/4" with air shut-off cock



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²⁾	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STH 650-10-180	H112017	10	650	520	4	950	2x90	175	83	1.200x800x1.240

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: All fittings such as Condor pressure switch, motor protection, safety valve, condensate drain cock and stop cock as standard

Tip

For a pressure content product below 1000 l per pressure vessel, the vessel does not need to be checked by an approved monitoring body (e.g. TÜV, Dekra, etc.).

UniMaster STH tandem unit

- Two power units fitted to one vessel for maximum operating safety
- Durable thanks to integral basic changeover circuit that utilises the power units evenly
- Low installation height particularly suitable for use in rooms with low ceilings

Two V-belt driven, two-stage 2-cylinder piston compressors	✓
15-year rust guarantee on the vessel with inner coating	✓
With rubber dampers for extra stability	✓
With intermediate cooler and aftercooler	✓
Easily accessible condensate drain cock	✓
Air outlet 1" with air shut-off cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²⁾	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STH 650/650-10-500	H112022	10	2x650	2x520	2x4,0	950	500	280	83	2.320x700x1.200

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: All fittings such as Condor pressure switch, motor protection, safety valve, condensate drain cock and stop cock as standard

Tip

The tandem system is particularly suitable for workshops that cannot afford equipment failures and waiting times. The second unit offers sufficient reserves in the event of a peak in demand

The piston compressors with individual fittings

Stationary piston compressors

UniMaster auxiliary compressors



- For extending existing compressed air systems
- Flexible extension possible with simple retrofitting of sound absorbing cover (for compressors with 4 kW)

✓	V-belt driven, two-stage 2-cylinder piston compressor
✓	15-year rust guarantee on the vessel with inner coating
✓	With rubber dampers for extra stability
✓	With intermediate cooler and aftercooler
✓	Easily accessible condensate drain cock
✓	Air outlet 3/4" with air shut-off cock

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Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²⁾	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STB 660-10-10	H814000	10	660	520	4	1,025	10	94	78	945x605x690
UNM STB 580-15-10	H824000	15	580	470	4	915	10	94	78	945x605x690
UNM STB 1000-10-10	H834000	10	1,000	790	5.5	995	10	158	82	1,005x650x770
UNM STB 780-15-10	H844000	15	780	640	5.5	830	10	158	80	1,005x650x770
UNM STB 1250-10-10	H854000	10	1,250	980	7.5	1,240	10	170	84	1,005x650x770
UNM STB 1000-15-10	H864000	15	1,000	790	7.5	995	10	170	82	1,005x650x770
C variants with preassembled star-delta switch										
UNM STB 1000-10-10 C	H834001	10	1,000	790	5.5	995	10	158	82	1,005x650x770
UNM STB 780-15-10 C	H844001	15	780	640	5.5	830	10	158	80	1,005x650x770
UNM STB 1250-10-10 C	H854001	10	1,250	980	7.5	1,240	10	170	84	1,005x650x770
UNM STB 1000-15-10 C	H864001	15	1,000	790	7.5	995	10	170	82	1,005x650x770

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

For extending an existing system. The auxiliary compressor is the perfect solution for installing additional work places, for example.

UniMaster auxiliary compressors Silent

- For extending existing compressed air systems
- Extremely low noise level thanks to sound absorbing cover

V-belt driven, two-stage 2-cylinder piston compressor	✓
15-year rust guarantee on the vessel with inner coating	✓
With rubber dampers for extra stability	✓
With intermediate cooler and aftercooler	✓
With electric fan	✓
Easily accessible condensate drain cock	✓
Air outlet 3/4" with air shut-off cock	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Eff. delivery quantity (l/min) ²⁾	Drive power (kW)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ¹⁾	Dimensions (WxDxH)
UNM STB 660-10-10 XS	H814100	10	660	520	4	1,025	10	133	69	920x700x820
UNM STB 580-15-10 XS	H824100	15	580	470	4	915	10	133	69	920x700x820

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 3744 ²⁾ Max. flow volume at working pressure in accordance with ISO 1217 (working pressure = indicated pressure - 1 bar)

Additional technical features: Equipped with all fittings as standard: Condor pressure switch and solenoid valve (from 5.5 kW), motor protection, safety valve, condensate drain cock and stop cock

Tip

Can be used on noise-sensitive installation sites with sound absorbing cover, e.g. if there is no separate compressor room.

The professionals for the highest compressed air standards – UniMaster Clean



Clean

Clean air is the basic prerequisite for the drives of dental equipment in dental practices. A reliable supply must also be guaranteed for the continuous drive of the tools. With the UniMaster Clean we have compressors which meet the high standards across the board.



Quiet

Everywhere where compressors are used near the workstation, noise emissions are a key criterion. The UniMaster Clean impresses with its particular quiet operation and smooth running and hardly any noticeable vibrations. These features make the compressors a silent and reliable partner.



Reliable

The reliable supply of clean compressed air plays a decisive role in many technical processes. The UniMaster Clean guarantees absolute reliability under continuous load at an exceptionally low operating temperature and excellent operational behaviour. The robust components also ensure a long service life. That's a promise!

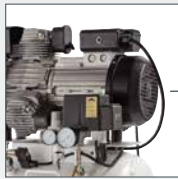
UniMaster Clean model overview

Model	Art. no.	Pressure (bar)	Suction power (l/min)	Drive power (kW)	Vessel volume (l)	Druckluft-Qualitätsklasse nach ISO 8573-1*			Page in the catalogue
						Water	Solid	Oil	
UNM 240-8-40 W Clean	H332000	8	240	1.5	40	7	3	1	56
UNM 240-8-40 WXM Clean	H332010	8	240	1.5	40	3	1	1	56
UNM 240-8-40 WXS Clean	H332100	8	240	1.5	40	7	3	1	57
UNM 240-8-40 WXSM Clean	H332110	8	240	1.5	40	3	1	1	57
UNM 360-8-40 W Clean	H342000	8	360	2.2	40	7	3	1	58
UNM 360-8-40 WXM Clean	H342010	8	360	2.2	40	3	1	1	58
UNM 360-8-40 WXS Clean	H342100	8	360	2.2	40	7	3	1	58
UNM 360-8-40 WXSM Clean	H342110	8	360	2.2	40	3	1	1	58
UNM 720-8-90 D Clean	H361000	8	720	2 x 2.2	90	7	3	1	59
UNM 720-8-90 DXM Clean	H361010	8	720	2 x 2.2	90	3	1	1	59

*see compressed air quality classes on page 88

UniMaster Clean

The professionals for the highest compressed air standards – clean, quiet, reliable



80% duty cycle, guaranteed
Low temperature and optimal cooling ensure guaranteed 80% duty cycle



Oil-free
High-quality oil-free units with PTFE-coated pistons. No oil change, no oil in condensate



Smooth running and long service life
due to low rotation speed



Optimal monitoring of actual runtime
of compressor with operating hours counter



Certified according to BetrSichV
Installation and periodic inspection by qualified person



15-year warranty
against rust and corrosion on vessels with burnt-in inner coating



Example: UniMaster UNM 360-8-40 W Clean

The oil-free UniMaster Clean is used everywhere where the highest compressed air standards are required, e.g. in dental practices and labs. All versions are also available with membrane dryers, for dried and cleaned compressed air.

The piston compressors with individual fittings

Stationary piston compressors

UNM 240-8-40 W Clean

UNM 240-8-40 WXM Clean

- Oil-free, low-maintenance power unit
- Low operating temperature with optimal cooling ensures a guaranteed 80% duty cycle
- Minimal noise with disconnected unit



✓	Close-coupled 2-cylinder piston compressor	✓
✓	Mechanical operating hours counter for checking the actual runtime	✓
✓	Air outlet via filter pressure reducer	
	Compressed air cooler, prefilter and microfilter for optimal operation of the membrane dryer	✓
	Maintenance-free membrane dryer for dried and cleaned compressed air	✓
✓	15-year warranty against rust and corrosion on vessels	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min) ¹⁾	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
UNM 240-8-40 W Clean	H332000	8	240	170	1.5	230	1,450	40	46	66	600x410x770
UNM 240-8-40 WXM Clean	H332010	8	240	152	1.5	230	1,450	40	50	66	710x410x770

¹⁾ Quantity delivered at 5 bar ²⁾ LpA1 sound pressure level according to DIN EN ISO 2151

Technische Zusatzmerkmale: Serienmäßig mit allen Armaturen: Elektromagnetventil (Modelle ohne Membrantrockner) und Druckschalter Condor MDR3 mit Betriebsstundenzähler, Motorschutz, Sicherheitsventil, Kondensat-Ablasshahn, Kabel und Stecker

UNM 240-8-40 WXS Clean

UNM 240-8-40 WXSM Clean

- Extremely quiet and suitable for use at workstation thanks to sound absorbing cover
- Oil-free, low-maintenance power unit
- Low operating temperature with optimal cooling ensures a guaranteed 80% duty cycle



✓	Close-coupled 2-cylinder piston compressor	✓
✓	Mechanical operating hours counter for checking the actual runtime	✓
✓	Air outlet via filter pressure reducer	
	Compressed air cooler and microfilter for optimal operation of the membrane dryer	✓
	Membrane dryer for dried and cleaned compressed air	✓
✓	Equipped with temperature-controlled exhaust ventilation	✓
✓	15-year warranty against rust and corrosion on vessels	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min) ¹⁾	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
UNM 240-8-40 WXS Clean	H332100	8	240	170	1.5	230	1,450	40	50	56	600x460x890
UNM 240-8-40 WXSM Clean	H332110	8	240	152	1.5	230	1,450	40	54	56	710x460x890

¹⁾ Quantity delivered at 5 bar ²⁾ LpA1 sound pressure level according to DIN EN ISO 2151

Technische Zusatzmerkmale: Serienmäßig mit allen Armaturen: Elektromagnetventil (Modelle ohne Membrantrockner) und Druckschalter Condor MDR3 mit Betriebsstundenzähler, Motorschutz, Sicherheitsventil, Kondensat-Ablasshahn, Kabel und Stecker

The piston compressors with individual fittings

Stationary piston compressors

UNM 360-8-40 W Clean



- Oil-free, low-maintenance power unit
- Low operating temperature with optimal cooling ensures a guaranteed 80% duty cycle
- Minimal noise with disconnected unit

✓	Close-coupled 3-cylinder piston compressor	✓
✓	Mechanical operating hours counter for checking the actual runtime	✓
✓	Air outlet via filter pressure reducer	
	Compressed air cooler, prefilter and microfilter for optimal operation of the membrane dryer	✓
	Maintenance-free membrane dryer for dried and cleaned compressed air	✓
✓	15-year warranty against rust and corrosion on vessels	✓

UNM 360-8-40 WXM Clean



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min) ¹⁾	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
UNM 360-8-40 W Clean	H342000	8	360	250	2.2	230	1,450	40	54	66	600x410x810
UNM 360-8-40 WXM Clean	H342010	8	360	225	2.2	230	1,450	40	58	66	710x410x810

¹⁾ Quantity delivered at 5 bar ²⁾ LpA1 sound pressure level according to DIN EN ISO 2151

Additional technical features: Equipped as standard with all fittings: solenoid valve (model without membrane dryer), Condor MDR3 pressure switch with operating hours counter, motor protection, safety valve, condensate drain cock, cable and plug

UNM 360-8-40 W Clean



- Oil-free, low-maintenance power unit
- Low operating temperature with optimal cooling ensures a guaranteed 80% duty cycle
- Minimal noise with disconnected unit

✓	Close-coupled 3-cylinder piston compressor	✓
✓	Mechanical operating hours counter for checking the actual runtime	✓
✓	Air outlet via filter pressure reducer	
	Compressed air cooler, prefilter and microfilter for optimal operation of the membrane dryer	✓
	Maintenance-free membrane dryer for dried and cleaned compressed air	✓
✓	Equipped with temperature-controlled exhaust ventilation	✓
✓	15-year warranty against rust and corrosion on vessels	✓

UNM 360-8-40 WXM Clean



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min) ¹⁾	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
UNM 360-8-40 WXS Clean	H342100	8	360	250	2.2	230	1,450	40	102	53	490x720x890
UNM 360-8-40 WXSM Clean	H342110	8	360	225	2.2	230	1,450	40	106	53	490x720x890

¹⁾ Quantity delivered at 5 bar ²⁾ LpA1 sound pressure level according to DIN EN ISO 2151

Additional technical features: Equipped as standard with all fittings: solenoid valve (model without membrane dryer), Condor MDR3 pressure switch with operating hours counter, motor protection, safety valve, condensate drain cock, cable and plug

UNM 720-8-90 D Clean

UNM 720-8-90 DXM Clean

- Two power units fitted to one vessel for maximum operating safety
- Oil-free, low-maintenance power unit
- Low operating temperature with optimal cooling ensures a guaranteed 80% duty cycle
- Minimal noise with disconnected unit
- Optional activation of power units possible



✓	Close-coupled 3-cylinder piston compressor	✓
✓	Mechanical operating hours counter for checking the actual runtime	✓
✓	Air outlet via filter pressure reducer	
	Compressed air cooler, prefilter and microfilter for optimal operation of the membrane dryer	✓
	Maintenance-free membrane dryer for dried and cleaned compressed air	✓
✓	15-year warranty against rust and corrosion on vessels	✓



Model	Art. no.	Pressure (bar)	Suction power (l/min)	Inflation performance (l/min) ¹⁾	Drive power (kW)	Voltage (V)	Rotational speed (rpm)	Tank vol. (l)	Weight (kg)	Noise (dB(A)) ²⁾	Dimensions (WxDxH)
UNM 720-8-90 D Clean	H362000	8	720	500	2x2.2	400	1,450	90	113	69	1,100x600x820
UNM 720-8-90 DXM Clean	H362010	8	720	450	2x2.2	400	1,450	90	118	69	1,100x630x820

¹⁾ Quantity delivered at 5 bar ²⁾ LpA1 sound pressure level according to DIN EN ISO 2151

Additional technical features: Equipped as standard with all fittings: Solenoid valve (models without membrane dryer), Condor pressure switch, switch cabinet with 2 operating hours counters, selector switch for separate startup, motor protection, safety valve, condensate drain cock, cable and CEE plug 16 A with phase inverter

Which is the right compressor for the job?

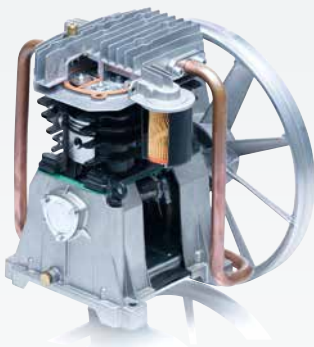


Piston compressor versus screw compressor

There is a variety of different compressors available for compressing air. There are two excellent principles for displacement compressors: piston compressors and screw compressors. They differ substantially in their duty cycle:

One of the most important features of **piston compressors** is the **intermittent operation**.

This means that its duty cycle should only be max. 70 percent per hour.



In contrast, **screw compressors** are **endurance runners** – they are designed for permanent air requirements. Constant switching cycles owing to oversized screw compressors damage their service life, as the required operating temperature is not reached or maintained. As a result condensate builds up in the oil circuit. The consequences are higher wear, shorter maintenance intervals and correspondingly higher costs.

In most cases the compressed air requirement in workshops and industry comprises a base load and a peak load. Both compressor systems can be combined here perfectly. The **screw compressor covers the base load, the piston compressor the peak load**.

Determining your compressed air requirements

A compressed air system has a very complex design. Factors such as available space, room temperature, air intake and exhaust air, ambient conditions, accessibility for maintenance work and noise development, etc., should always be considered.

Therefore, it is advisable to enlist the help of a compressed air specialist when determining your actual air requirements because incorrectly designed compressors result in higher energy costs, increased wear and occasional decreases in pressure in your pipe network.

Designing your compressed air system – Call the professionals!

We would be glad to help you design your compressed air system and determine the required air flow rate, the most suitable air quality for your application and pressure requirements with consideration for the long-term future development of your company. We will then recommend the most suitable compressor based on your requirements. For further information please contact your dealer or our sales representatives.



Consultation and project planning

The Schneider airsystems service team will be glad to help you plan your compressed air system.

Irrespective of whether you want to optimise your existing system or are planning a completely new system, our compressed air specialists are happy to help and advise you. This way you achieve the maximum efficiency of your system. Adapted to your compressed air requirements, your existing equipment, as well as your installation location, we plan your compressed air system incl. condensate and compressed air conditioning, pipe system, as well as any additional peripheral equipment required such as energy supply or ventilation systems. We are also happy to provide 2D and 3D installation drawings for your project.

Are you planning a new installation or system upgrade?

Our project engineers would be happy to work together directly with an architect or planning office commissioned by you so that your compressed air system can be integrated seamlessly into your new working environment.

Model overview **AirMaster screw compressors**

			
AirMaster AM B	AirMaster AM B XDK with cold dryer (built-in)	AirMaster AM B XB with vessel	AirMaster AM B XBDK with vessel and cold dryer
Page 64	Page 66	Page 67	Page 69

	
AirMaster AM D	AirMaster AM G
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AirMaster

The powerful screw compressors with V-belt, direct drive or gearbox!

Easy-to-operate control systems:

AIR ENERGY CONTROL 3

With control of rotation direction, operating hours indicator, service messages, hours under load, etc.

Comfortable control: AIR ENERGY CONTROL 3+

With comfort display, control of rotation direction, operating hours indicator, maintenance schedule, service messages, hours under load, etc. (for speed-controlled screw compressors)

All maintenance components are easy to access, **which saves time and costs during maintenance work**

Variable drive
Whether it is a tried-and-tested V-belt drive, an efficient direct drive or a longlife geared drive – the focus is always on one thing: excellent performance!

Save space during installation
thanks to compact dimensions

Avoid expensive damage
with integrated control of rotation direction

Quiet
with insulated housing



Example: AM B 7-10

The solution for permanent air requirements, e.g. spray painting or industrial manufacturing applications. AirMaster screw compressors ensure easy servicing, silent operation and greater operating comfort from a clearly laid out control system that is simple to use.

Stationary screw compressors

NEW

AirMaster Professional Solo



- Easy handling thanks to start/stop control
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct

✓	Durable, V-belt driven compressor blocks
✓	With operating hours counter



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH) (mm)
AM B 4-10	H704100	10	468	400	4	105	61	3/4"	620x612x950

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Screw compressors are often used incorrectly, e.g. for intermittent operation. Always request an on-site consultation meeting with our experts at Schneider aircsystems.

NEW

AirMaster Professional Solo

- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



1 | Compressed air generation

Durable, V-belt driven compressor blocks	✓
AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.	✓



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH) (mm)
AM B 5-8	H705080	8	882	400	5.5	241	62	3/4"	1,100x690x1,100
AM B 5-10	H705100	10	702	400	5.5	241	62	3/4"	1,100x690x1,100
AM B 5-13	H705130	13	564	400	5.5	241	62	3/4"	1,100x690x1,100
AM B 7-8	H707080	8	1,242	400	7.5	246	63	3/4"	1,100x690x1,100
AM B 7-10	H707100	10	1,080	400	7.5	246	63	3/4"	1,100x690x1,100
AM B 7-13	H707130	13	828	400	7.5	246	63	3/4"	1,100x690x1,100
AM B 11-8	H711080	8	1,674	400	11	266	65	3/4"	1,100x690x1,100
AM B 11-10	H711100	10	1,506	400	11	266	65	3/4"	1,100x690x1,100
AM B 11-13	H711130	13	1,212	400	11	266	65	3/4"	1,100x690x1,100
AM B 15-8	H715080	8	2,328	400	15	270	67	3/4"	1,100x690x1,100
AM B 15-10	H715100	10	2,106	400	15	270	67	3/4"	1,100x690x1,100
AM B 15-13	H715130	13	1,686	400	15	270	67	3/4"	1,100x690x1,100
AM B 18-8	H718080	8	3,114	400	18.5	361	69	1"	1,210x810x1,220
AM B 18-10	H718100	10	2,718	400	18.5	361	69	1"	1,210x810x1,220
AM B 18-13	H718130	13	2,304	400	18.5	361	69	1"	1,210x810x1,220
AM B 22-8	H722080	8	3,648	400	22	377	70	1"	1,210x810x1,220
AM B 22-10	H722100	10	3,240	400	22	377	70	1"	1,210x810x1,220
AM B 22-13	H722130	13	2,766	400	22	377	70	1"	1,210x810x1,220

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Stationary screw compressors

NEW

AirMaster Professional with cold dryer (built-in)



- System ready for operation, with integral cold dryer
- Dry compressed air for perfect working results
- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



✓	Durable, V-belt driven compressor blocks
✓	AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.
✓	With integral cold dryer

Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 5-8 XDK	H705081	8	882	400	5.5	268	62	3/4"	1,100x690x1,100
AM B 5-10 XDK	H705101	10	702	400	5.5	268	62	3/4"	1,100x690x1,100
AM B 5-13 XDK	H705131	13	564	400	5.5	268	62	3/4"	1,100x690x1,100
AM B 7-8 XDK	H707081	8	1,242	400	7.5	276	63	3/4"	1,100x690x1,100
AM B 7-10 XDK	H707101	10	1,080	400	7.5	276	63	3/4"	1,100x690x1,100
AM B 7-13 XDK	H707131	13	828	400	7.5	276	63	3/4"	1,100x690x1,100

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Screw-type compressors with a built-in cold dryer take up little space and ensure high air quality.

NEW

AirMaster Professional on vessel

- Easy handling thanks to start/stop control
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct



1 | Compressed air generation

Durable, V-belt driven compressor blocks	✓
With operating hours counter	✓



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 4-10-270 XB	H704103	10	468	400	4	170	61	3/4"	1,498x582x1,340

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Stationary screw compressors

NEW

AirMaster Professional on vessel



- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



Durable, V-belt driven compressor blocks



AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 5-8-270 XB	H705083	8	882	400	5.5	311	62	3/4"	1,550x690x1,560
AM B 5-8-500 XB	H705084	8	882	400	5.5	396	62	3/4"	1,950x690x1,700
AM B 5-10-270 XB	H705103	10	702	400	5.5	311	62	3/4"	1,550x690x1,560
AM B 5-10-500 XB	H705104	10	702	400	5.5	396	62	3/4"	1,950x690x1,700
AM B 7-8-270 XB	H707083	8	1,242	400	7.5	316	63	3/4"	1,550x690x1,560
AM B 7-8-500 XB	H707084	8	1,242	400	7.5	401	63	3/4"	1,950x690x1,700
AM B 7-10-270 XB	H707103	10	1,080	400	7.5	316	63	3/4"	1,550x690x1,560
AM B 7-10-500 XB	H707104	10	1,080	400	7.5	401	63	3/4"	1,950x690x1,700

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Ensure a suitable room height for the installation. Screw compressors on a vessel should have sufficient space at the top. Otherwise, it may lead to a build-up of heat.

NEW

AirMaster Professional mit Kältetrockner auf Behälter

- System ready for operation, with integral cold dryer
- Easy handling thanks to start/stop control
- Dry compressed air for perfect working results
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct



✓	Durable, V-belt driven compressor blocks
✓	Motor and compressor protected against overheating
✓	With cold dryer fitted on vessel



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 4-10-270 XBDK	H704106	10	468	400	4	204	61	3/4"	1,498x582x1,340

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Stationary screw compressors

NEW

AirMaster Professional with cold dryer on vessel



- System ready for operation, with integral cold dryer
- Dry compressed air for perfect working results
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves time and costs during maintenance work
- Quiet due to soundproofed housing
- Easy-to-install exhaust air duct
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



- ✓ Durable, V-belt driven compressor blocks
- ✓ AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.
- ✓ With cold dryer fitted on vessel

Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM B 5-8-270 XBDK	H705086	8	882	400	5.5	338	62	3/4"	1,550x690x1,560
AM B 5-8-500 XBDK	H705087	8	882	400	5.5	426	62	3/4"	1,950x690x1,700
AM B 5-10-270 XBDK	H705106	10	702	400	5.5	338	62	3/4"	1,550x690x1,560
AM B 5-10-500 XBDK	H705107	10	702	400	5.5	426	62	3/4"	1,950x690x1,700
AM B 7-8-270 XBDK	H707086	8	1,242	400	7.5	346	63	3/4"	1,550x690x1,560
AM B 7-8-500 XBDK	H707087	8	1,242	400	7.5	431	63	3/4"	1,950x690x1,700
AM B 7-10-270 XBDK	H707106	10	1,080	400	7.5	346	63	3/4"	1,550x690x1,560
AM B 7-10-500 XBDK	H707107	10	1,080	400	7.5	431	63	3/4"	1,950x690x1,700
AM B 11-8-500 XBDK	H711087	8	1,674	400	11	451	65	3/4"	1,950x690x1,700
AM B 11-10-500 XBDK	H711107	10	1,506	400	11	451	65	3/4"	1,950x690x1,700
AM B 11-13-500 XBDK	H711137	13	1,212	400	11	451	65	3/4"	1,950x690x1,700
AM B 15-8-500 XBDK	H715087	8	2,328	400	15	455	67	3/4"	1,950x690x1,700
AM B 15-10-500 XBDK	H715107	10	2,106	400	15	455	67	3/4"	1,950x690x1,700
AM B 15-13-500 XBDK	H715137	13	1,686	400	15	455	67	3/4"	1,950x690x1,700

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip

Screw-type compressors with a built-in cold dryer on vessel take up very little space and ensure high air quality.

NEW

AirMaster Variable Speed

1 | Compressed air generation

- Speed control allows for optimal adaptation to the actual air usage
- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- Having a direct drive or geared drive plus maintenance components that are easy to access saves considerable time and money during maintenance work
- Extremely quiet thanks to the soundproofed housing
- Simple assembly of outlet channel thanks to exhaust air guide directed upwards
- Integrated control of rotation direction prevents expensive damage during commissioning and operation



Longlife, direct-drive compressor blocks	✓
Maximum operating comfort thanks to AIR ENERGY CONTROL 3+ electronic control system with control of rotation direction, operating hours indicator, maintenance schedule, service messages, hours under load, etc.	✓



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM D 7-13 XVS	H907100	5-13	270-1,224	400	7.5	235	64	3/4"	1,165x655x1,045
AM D 11-13 XVS	H911100	5-13	264-1,824	400	11	251	64	3/4"	1,165x655x1,045
AM D 15-13 XVS	H915100	5-13	258-2,214	400	15	254	65	3/4"	1,165x655x1,045
AM G 18-10 XVS	H918100	5-10	560-3,340	400	18.5	496	68	1"	1,400x780x1,555
AM D 22-13 XVS	H922100	5-13	762-4,044	400	22	434	68	1"	1,400x780x1,555

BABA
BABA
BABA
BABA
BABA

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

Tip Speed-controlled screws can save up to 30% energy with fluctuating air requirements.

Stationary screw compressors

NEW

AirMaster Plus



- Exceptionally cost-effective thanks to the efficient yet low-maintenance geared drive
- Easy to understand electronic control system enables easy handling and maximum operating comfort
- Less space required thanks to compact dimensions
- All maintenance components are easy to access, which saves considerable time and costs during maintenance work
- Extremely quiet thanks to the soundproofed housing
- Simple assembly of outlet channel thanks to exhaust air guide directed upwards
- Integrated control of rotation direction prevents expensive damage during commissioning and operation

- ✓ Longlife, direct-drive compressor blocks
- ✓ Maximum operating comfort thanks to AIR ENERGY CONTROL 3 electronic control system with control of rotation direction, operating hours indicator, service messages, hours under load, etc.



Model	Art. no.	Pressure (bar)	Volumetric flow rate (l/min) ²⁾	Voltage (V)	Drive power (kW)	Weight (kg)	Noise (dB(A)) ¹⁾	Air outlet	Dimensions (WxDxH)
AM G 11-8	H611080	8	1,836	400	11	460	61	3/4"	1,400x780x1,555
AM G 11-10	H611100	10	1,518	400	11	460	61	3/4"	1,400x780x1,555
AM G 11-13	H611130	13	1,200	400	11	460	61	3/4"	1,400x780x1,555
AM G 15-8	H615080	8	2,484	400	15	470	62	3/4"	1,400x780x1,555
AM G 15-10	H615100	10	2,202	400	15	470	62	3/4"	1,400x780x1,555
AM G 15-13	H615130	13	1,818	400	15	470	62	3/4"	1,400x780x1,555
AM G 18-8	H618080	8	3,168	400	18.5	490	63	1"	1,400x780x1,555
AM G 18-10	H618100	10	2,700	400	18.5	490	63	1"	1,400x780x1,555
AM G 18-13	H618130	13	2,316	400	18.5	490	63	1"	1,400x780x1,555
AM G 22-8	H622080	8,5	3,660	400	22	430	68	1"	1,320x830x1,555
AM G 22-10	H622100	10	3,318	400	22	430	68	1"	1,320x830x1,555
AM G 22-13	H622130	13	2,856	400	22	430	68	1"	1,320x830x1,555

¹⁾ LpA1 sound pressure level in accordance with DIN EN ISO 2151 using EN ISO 9614/2 ²⁾ Max. volumetric flow rate at working pressure in accordance with ISO 1217 Annex C

BABA
BABA
BABA
BABA
BABA

Tip

The forces of the compressor and the gearbox work against each other. That's why with this drive there is less wear and stress on bearings!

Accessories

Compressor accessories for every requirement



Accessories for extending, controlling, maintaining and repairing stationary screw compressors: vessels, Airleader control system, basic changeover circuit, star-delta switch, oils, etc.

Accessories for compressors

Accessories for stationary piston and screw compressors

Compressed air vessel



15

- Vertical vessel
- Possible to make simple, cost-saving inspection of the vessel through hand hole or corresponding viewing windows
- 15-year warranty against rust and corrosion on vessels

Model	Art. no.	Pressure (bar)	Tank vol. (l)	Fittings set	Coating	Weight (kg)	Air outlet	Dimensions (WxDxH)
BH-VZBA 90-11	H110205	11	90	x	coated	38	G 1/2"	520x400x1,230
BH-VZBA 270-11	H110404	11	270	x	coated	95	G 3/4"	780x850x1,320
BH-VZB 500-11	H110600	11	500		coated	120	G 1"	750x850x2,020
BH-VZBA 500-11	H110199	11	500	x	coated	130	G 1"	850x830x2,030
BH-VZ 750-11	H110333	11	750		galvanised	210	G 1"	830x860x2,060
BH-VZ 1000-11	H110367	11	1,000		galvanised	290	G 1"	880x890x2,360
BH-VZ 2000-11	H110386	11	2,000		galvanised	515	G 2"	1,160x1,260x2,450
BH-VZ 3000-11	H110376	11	3,000		galvanised	740	G 2"	1,250x1,350x2,690
BH-VZBA 270-16	H110407	16	270	x	coated	125	G 3/4"	850x830x1,430
BH-VZB 500-16	H110601	16	500		coated	175	G 1"	750x850x2,020
BH-VZBA 500-16	H110202	16	500	x	coated	165	G 1"	850x830x2,040
BH-VZ 750-16	H110365	16	750		galvanised	265	G 1"	830x860x2,060
BH-VZ 1000-16	H110369	16	1,000		galvanised	330	G 1"	880x890x2,360
BH-VZ 2000-16	H110388	16	2,000		galvanised	600	G 2"	1,160x1,260x2,450
BH-VZ 3000-16	H110377	16	3,000		galvanised	810	G 2"	1,250x1,350x2,690

Compressed air vessel



15

- Horizontal vessel without fittings
- Possible to make simple, cost-saving inspection of the vessel through hand hole or corresponding viewing windows
- 15-year warranty against rust and corrosion on vessels

Model	Art. no.	Pressure (bar)	Tank vol. (l)	Coating	Weight (kg)	Air outlet	Dimensions (WxDxH)
BH-HB 20-11	G502145	10	20	coated	10,5	G 1/2"	650x210x280
BH-HZB 90-11	G502448	10	90	coated	33,14	G 1/2"	1,030x340x490
BH-HZ 500-11	G462094	11	500	coated	130	G 3/4"	797x1,870x600
BH-HZ 500-16	G462194	16	500	coated	150	G 3/4"	797x1,870x600
BH-HZ 750-11	H110375	11	750	galvanised	210	G 1"	1,880x750x880
BH-HZ 750-16	H110604	16	750	galvanised	265	G 1"	1,880x750x880
BH-HZ 1000-11	H111310	11	1,000	galvanised	280	G 1"	2,150x800x930
BH-HZ 1000-16	H110605	16	1,000	galvanised	330	G 1"	2,150x800x930
BH-HZ 2000-11	H110606	11	2,000	galvanised	490	G 2"	2,170x1,150x1,280
BH-HZ 2000-16	H110607	16	2,000	galvanised	600	G 2"	2,170x1,150x1,280

Fittings sets

- For compressed air vessels
- Consists of: pressure gauge, safety valve, test flange, ball valve, condensate drainage including mini ball valve, various screw fittings and retaining elements
- AMS-B-H: for horizontal vessels
- AMS-B-V: for vertical vessels



Typ	Art.-Nr.	Bauform	Druck (bar)	Luftabgang
AMS-B-H 500-11	B110102	Horizontal vessel	11	2 x 1"i
AMS-B-H 500-16	B110103	Horizontal vessel	16	2 x 1"i
AMS-B-H 750-11	B110092	Horizontal vessel	11	2 x 1"i
AMS-B-H 750-16	B110094	Horizontal vessel	16	2 x 1"i
AMS-B-H 1000-11	B110096	Horizontal vessel	11	2 x 1"i
AMS-B-V 500-11	B110089	Vertical vessel	11	2 x 1"i
AMS-B-V 500-16	B110091	Vertical vessel	16	2 x 1"i
AMS-B-V 750-11	B110093	Vertical vessel	11	2 x 1"i
AMS-B-V 750-16	B110095	Vertical vessel	16	2 x 1"i
AMS-B-V 1000-11	B110097	Vertical vessel	11	2 x 1"i
AMS-B-V 1000-16	B110099	Vertical vessel	16	2 x 1"i
AMS-B-V 2000-11	B110083	Vertical vessel	11	2 x 2"i
AMS-B-V 2000-16	B110081	Vertical vessel	16	2 x 2"i
AMS-B-V 3000-11	B110100	Vertical vessel	11	2 x 2"i

Rubber dampers

- For extra stability of the compressor and vessel

Model	Art. no.	Diameter (mm)	Size	Thread	Packaging unit (pc.)
GSE 40 L 1/4	B110059	40	M 8	single-sided	4
GSE 40 L2 /4	B110064	40	M 8	on both sides	4
GSE 70 L 1/4	B110060	70	M 12	single-sided	4
GSE 75 L2 /4	B110062	75	M 12	on both sides	4
GSE 100 S1 /3	B110063	100	M 12	single-sided	3
GSE 100 S2 /3	B110067	100	M 12	on both sides	3
GSE 100 L 1/4	B110061	100	M 12	single-sided	4
GSE 100 L2 /4	B110066	100	M 12	on both sides	4



Star-delta switch

Typ	Art.-Nr.
SDS 5,5	B111150
SDS 7,5	B111152
SDS 11	B111151

- Fully wired, ready to connect
- Integral motor protection and under-voltage circuit breaker ensure a high degree of operating safety
- Integrated solenoid valve activation for simple connection of start and stop relief



Lockable main switch with emergency stop function	✓
Solid steel housing in protection category IP 54	✓
Including operating hours counter	✓
Electrical connection 400 V/50 Hz (three-phase current)	✓

Accessories for compressors

GLW-SGSD 17

GLW 4

- Electronically controlled utilisation of power units to extend the service life of multiple compressors
- Connection for energy-saving system and electric ball valve provides expansion option within a machine
- Option of integrating a remote switch for greater flexibility in system control



✓	Display with 3 control buttons	✓
✓	Potential-free fault contact	✓
✓	With operating hours counter, but does not include motor protection or start relief (please order AE4 separately)	
✓	For two 3 / 4 kW piston compressors with pressure switch mode (no contactors)	
	For a maximum of 4 compressors (screw and piston compressors over 3 kW can be combined with existing contactors) for distribution of basic and additional air requirements	✓
	Text display with real-time clock	✓
	Time switch function with up to 6 programmes/profiles	✓
	Harmonisation of operating hours - saves on maintenance costs	✓
	Pressure monitor with delayed activation of the compressor	✓



Model	Art. no.	Number of compressors (pc.)	Voltage (V)	Frequency (Hz)
GLW-SGSD 17	B111201	2	230	50
GLW 4	B111200		230	50



Tip

Also in the range:
Control up to 16 screw compressors, with the consumption-dependent Airleader control system. Talk to us. We are happy to advise you!

ESAR 3/4 M

ESAR 3/4 A



- Shutting off the compressed air pipe reduces energy costs
- Service life of the compressed air system extended with slow opening of ball valve
- Ideally suited for performing simple control tasks

✓	Brass nickel-plated ball valve, hard-chrome plated ball with Teflon seal	✓
✓	230 V switch cabinet (switching compressed air supply on and off)	✓
✓	With manual actuation and indicator lamp	
	For automatic operation via a time switch	✓



Model	Art. no.	Version	Voltage (V)	Frequency (Hz)
ESAR G3/4 M	B111081	manual	230	50
ESAR 3/4 A	B111091	automatic	230	50
ESAR 1 M	B111083	manual	230	50
ESAR G1 A	B111092	automatic	230	50
ESAR 1 1/4 M	B111085	manual	230	50
ESAR G1 1/4 A	B111093	automatic	230	50
ESAR 1 1/2 M	B111087	manual	230	50
ESAR G 1 1/2 A	B111094	automatic	230	50
ESAR 2 M	B111089	manual	230	50
ESAR G 2 A	B111095	automatic	230	50

Additional technical features: 230 V switch cabinet (switching compressed air supply on and off)

Tip

Save energy costs - an ESAR prevents the compressor from operating when not in use, e.g. at night!

Accessories for compressors

Mini ball valve



- For installation upstream of the condensate discharger, thus making possible maintenance work during operation

Model	Art. no.	Version	Nominal pressure (bar)	Air inlet	Air outlet
KH-20 G1/4i x G1/4a	G012033	Mini	15	1/4"a	1/4"i
KH-G 3/8ixG 3/8a	E043233	Mini	15	3/8"a	3/8"i
KH-G 3/8ixG 3/8i	E043133	Mini	15	3/8"i	3/8"i
KH-20 G1/2i x G1/2a	G470592	Mini	15	1/2"a	1/2"i

Ball valve



Model	Art. no.	Version	Nominal pressure (bar)	Air inlet	Air outlet
KH-NI-40 G3/8i	E050086	AD	40	3/8"i	3/8"i
KH-NI-40 G1/2i	E050087	AD	40	1/2"i	1/2"i
KH-NI-16 G1/2a x G1/2i	E050110	AD	16	1/2"a	1/2"i
KH-NI-40 G3/4i	E050088	AD	40	3/4"i	3/4"i
KH-NI-16 G3/4a x G3/4i	E050111	AD	16	3/4"a	3/4"i
KH-NI-40 G1i	E050089	AD	30	1"i	1"i
KH-NI-25 G 1 1/4i	G010015	CE	25	1 1/4"i	1 1/4"i
KH-NI-40 G1 1/2i	E050093	AD	20	1 1/2"i	1 1/2"i
KH-NI-40 G2i	E050094	AD	20	2"i	2"i

Connecting hoses



Model	Art. no.	Pressure (bar)	Air outlet	Length (mm)
VSL 1/2-800	B111070	16	2 x 1/2"a	800
VSL 1/2-1300	B111075	16	2 x 1/2"a	1.300
VSL 1/2-1800	B111066	16	2 x 1/2"a	1.800
VSL 3/4-800	B111071	16	2 x 3/4"a	800
VSL 3/4-1300	B111076	16	2 x 3/4"a	1.300
VSL 3/4-1800	B111067	16	2 x 3/4"a	1.800
VSL 1-800	B111069	16	2 x 1"a	800
VSL 1-1300	B111072	16	2 x 1"a	1.300
VSL 1-1800	B111068	16	2 x 1"a	1.800
VSL 1 1/4-1300	B111074	16	2 x 1 1/4"a	1.300
VSL 1 1/2-1300	B111078	16	2 x 1 1/2"a	1.300

Silencer

Model	Art. no.	Version	Noise reduction (dB (A))	Connection
SDP-SMK-G1/8a	E024611	Sintered metal, short	13	1/8" a
SDP-SMK-G1/4a	E024612	Sintered metal, short	13	1/4" a
SDP-SMK-G3/8a	E024613	Sintered metal, short	13	3/8" a
SDP-SMK-G1/2a	E024614	Sintered metal, short	13	1/2" a
SDP-SMK-G3/4a	E024615	Sintered metal, short	13	3/4" a
SDP-SMK-G1a	E024616	Sintered metal, short	13	1" a
SDP-SML-M5a	E024620	Sintered metal, long	16	M5a
SDP-SML-G1/8a	E024621	Sintered metal, long	16	1/8" a
SDP-SML-G1/4a	E024622	Sintered metal, long	16	1/4" a
SDP-SML-G3/8a	E024623	Sintered metal, long	16	3/8" a
SDP-SML-G1/2a	E024624	Sintered metal, long	16	1/2" a
SDP-SPEP-M5a	E071110	Porous, sintered PE	20-25	M5a
SDP-SPEP-G1/8a	E071111	Porous, sintered PE	20-25	1/8" a
SDP-SPEP-G3/8a	E071113	Porous, sintered PE	20-25	3/8" a
SDP-SPEP-G1/2a	E071114	Porous, sintered PE	20-25	1/2" a
SDP-SPEP-G3/4a	E071115	Porous, sintered PE	20-25	3/4" a
SDP-SPE-G1/2a	E072114	Sintered polyethylene	20-25	1/2" a
SDP-SPE-G3/4a	E072115	Sintered polyethylene	20-25	3/4" a
SDP-SPE-G1a	E072116	Sintered polyethylene	20-25	1" a



Accessories for compressors

Accessories for mobile and stationary piston compressors

Safety valve



Model	Art. no.	Version	Nominal pressure (bar)	Connection	Flow rate (l/min)
SV-G1/4a-8 bar	G207010	CE	8	1/4" a	3,000
SV-G1/4a-11 bar	E700102	CE	11	1/4" a	4,000
SV-G1/4a-16 bar	E700103	CE	16	1/4" a	6,400
SV-G3/8a-11 bar	E700104	CE	11	3/8" a	3,100
SV-G3/8a-16 bar	E700105	CE	16	3/8" a	6,400
SV-G1/2a-11 bar	E700106	CE	11	1/2" a	4,000
SV-G1/2a-16 bar	E700107	CE	16	1/2" a	6,400
SV-G1/2a-11 bar	E700051	Full stroke	11	1/2" a	8,000
SV-G1/2a-16 bar	E700052	Full stroke	16	1/2" a	10,000
SV-G3/4a-11 bar	E700054	Full stroke	11	3/4" a	17,000

Condensate drain valve



- Nickel-plated brass
- O-ring seal on valve seat
- With knurled screw

Model	Art. no.
KAV-G1/4a	E030050
KAV-G3/8a	E030051
KAV-G1/2a	E030058

Check valve



- T-shape
- With Viton seal
- Internal threads on both sides
- Up to 16 bar pressure
- Opening pressure 0.5 - 0.8 bar

Model	Art. no.
RV-G1/2i	E770092

Dirt arrester



- Suitable for compressed air, water, non-toxic gases, non-aggressive materials
- With Viton seal
- Internal threads on both sides

Model	Art. no.	Pressure (bar)	Connection
SMF 2xG3/8i	E072001	16	3/8" i
SMF 2xG1/2i	E072002	16	1/2" i

Diaphragm pressure switch



Model	Art. no.	Voltage (V)	Without protective motor relay	With protective motor relay	Pins (pc.)	Rated current range (A)	Connection	Pressure range on (bar)
MDR 2-11	E270000	230	x		2		G 1/4"	2.8-9.2

Diaphragm pressure switch

Model	Art. no.	Voltage (V)	Without protective motor relay	With protective motor relay	Pins (pc.)	Rated current range (A)	Connec-tion	Pressure range on (bar)
MDR 2/11 SL F4	G004177	230	x		2		G 1/4"	2.8-9.2
MDR 4-16	E270001	230	x		2		G 1/4"	4-13
MDR 3-11	E270110	230/400	x		3		G 1/2"	3-9.1
MDR 3-16	E270111	230/400	x		3		G 1/2"	4-13
MDR 3-11-R 3/4	E270112	230/400		x	3	2.5-4	G 1/2"	3-9.1
MDR 3-16-R3/4	E270113	230/400		x	3	2.5-4	G 1/2"	4-13
MDR 3-11-R 3/6,3	E270114	230/400		x	3	4.0-6.3	G 1/2"	3-9.1
MDR 3-16-R3/6,3	E270115	230/400		x	3	4.0-6.3	G 1/2"	4-13
MDR 3-11-R3/10	E270116	230/400		x	3	6.3-10	G 1/2"	3-9.1
MDR 3-16-R3/10	E270117	230/400		x	3	6.3-10	G 1/2"	4-13



Spare hood

Model	Art. no.	Version	For pressure switches
EH 2	B270019	No operating hours counter	MDR 2
EH 4	B270020	No operating hours counter	MDR 4
EH 3	B270031	No operating hours counter	MDR 3
EH 3 S	B270032	No operating hours counter	MDR 3
EH 5	B270021	No operating hours counter	MDR 5
EH 5 S	B270022	No operating hours counter	MDR 5
EH 3SZ	B271032	With operating hours counter	MDR 3/11



Load relieving valve

■ For attaching to diaphragm pressure switch

Model	Art. no.	For pressure switches
ELV 2	E270020	MDR 2
ELV 4	E270019	MDR 4
ELV3W	E270021	MDR 3
ELV2WS	E270023	MDR 2
ELV3WS	E270022	MDR 3
ELV 5	E270018	MDR 5



Operating hours counter

Model	Art. no.
BSZ	B111073

■ Electrical connection 230 V/50 Hz (alternating current)



Accessories for compressors

Accessories for stationary piston compressors

Sound absorbing cover



- Installation in sensitive areas also possible because the compressor is fitted with a sound absorbing cover
- For UniMaster STS / STL (4.0 kW) manufactured from 2010

Model	Art. no.
SDH UNM ST 4,0	B800100



Start relief



- Required for compressors with 4 kW motor and star-delta switch

Electrical connection 400 V/50 Hz (three-phase current) ✓

Model	Art. no.
AE 4	B111055
AE AB678	B111054

Lubricants/Oils for stationary piston compressors



- Lubricants/Oils for stationary piston compressors

Model	Art. no.	Basic	Container size (l)	Compressor type	Startup behaviour in cold weather	Temperature resistance	Residue formation	Service life	Water separation
OEMIN-Kolben-stat 3,0	B111002	mineral	3.00	Piston	+	++	+	++	+
OESYN-Kolben-stat 3,0	B111006	fully synthetic	3.00	Piston	++++	++++	++++	++++	+++

Tip

If you are operating your compressor in cold ambient temperatures, we recommend using a fully synthetic oil with improved cold running properties.

Accessories for stationary screw compressors

Lubricants/Oils for screw compressors

- Lubricants/Oils for screw compressors



Model	Art. no.	Basic	Container size (l)	Compressor type	Startup behaviour in cold weather	Temperature resistance	Residue formation	Water separation
OEMIN-AM K 5,0	B111010	mineral	5.0	Screw	++	++	+	+
OESYN-AM K 1,0	B111013	partly synthetic	1.0	Screw	+++	+++	+++	++
OESYN-AM K 5,0	B111012	partly synthetic	5.0	Screw	+++	+++	+++	++

Model	Art. no.	Basic	Container size (l)	Compressor type	Oil change interval (h)	Startup behaviour in cold weather	Temperature resistance	Residue formation	Water separation
ÖI OEMIN-AM B/D/G 5,0	B111016	mineral	5.0	Screw	2,000	+++	++	++	++
ÖI OEMIN-AM B/D/G 20,0	B111017	mineral	20.0	Screw	2,000	+++	++	++	++
ÖI OESYN-AM B/D/G Food 5,0	B111018	synthetic	5.0	Screw	4,000	+++	+++	+++	++++
ÖI OESYN-AM B/D/G Food 20,0	B111019	synthetic	20.0	Screw	4,000	+++	+++	+++	++++
ÖI OESYN-AM B/D/G Plus 5,0	B111020	synthetic	5.0	Screw	4,000	++++	++++	++++	++++
ÖI OESYN-AM B/D/G Plus 20,0	B111021	synthetic	20.0	Screw	4,000	++++	++++	++++	++++
ÖI OESYN-AM B/D/G Xtra 5,0	B111022	synthetic	5.0	Screw	8,000	++++	++	+++	++++
ÖI OESYN-AM B/D/G Xtra 20,0	B111023	synthetic	20.0	Screw	8,000	++++	++	+++	++++

Accessories for mobile piston compressors

Lubricants/Oils for mobile piston compressors

- Lubricants/Oils for piston compressors



Model	Art. no.	Basic	Container size (l)	Compressor type	Startup behaviour in cold weather	Temperature resistance	Residue formation	Service life	Water separation
OEMIN-Kolben-fahr 1,0	B111014	mineralisch	1.00	Kolben	+	++	+	++	+
OESYN-Kolben-fahr 1,0	B770010	vollsynthetisch	1.00	Kolben	++++	++++	++++	++++	+++

Accessories for compressors

Accessories for all compressors

Standard pressure gauge, horizontal



Model	Art. no.	Diameter (mm)	Connection	Measuring range (bar)
MM-W 40-6b	E670040	40	1/8"	0-6
MM-W 40-10b	E670014	40	1/8"	0-10
MM-W 40-16b	E670017	40	1/8"	0-16
MM-W 50-6b 1/8	E670018	50	1/8"	0-6
MM-W 50-10b 1/8	E670001	50	1/8"	0-10
MM-W 50-6b 1/4	E670020	50	1/4"	0-6
MM-W 50-10b 1/4	E670021	50	1/4"	0-10
MM-W 50-16b	E670002	50	1/4"	0-16
MM-W 50-25b	E670003	50	1/4"	0-25
MM-W 63-6b	E670025	63	1/4"	0-6
MM-W 63-10b	E670026	63	1/4"	0-10
MM-W 63-16b	E670006	63	1/4"	0-16
MM-W 63-25b	E670007	63	1/4"	0-25
MM-W 80-16b	E670010	80	1/4"	0-16

Standard pressure gauge, vertical



Model	Art. no.	Diameter (mm)	Connection	Measuring range (bar)
MM-S 40-10b	G012060	40	1/8"	0-10
MM-S 40-16b	E670029	40	1/8"	0-16
MM-S 50-6b	E670030	50	1/4"	0-6
MM-S 50-10b	E670031	50	1/4"	0-10
MM-S 50-16b	E670004	50	1/4"	0-16
MM-S 50-25b	E670005	50	1/4"	0-25
MM-S 63-6b	E670032	63	1/4"	0-6
MM-S 63-10b	E670033	63	1/4"	0-10
MM-S 63-16b	E670008	63	1/4"	0-16
MM-S 63-25b	E670009	63	1/4"	0-25
MM-S 100-6b	E670102	100	1/2"	0-6
MM-S 100-10b	E670103	100	1/2"	0-10
MM-S 100-16b	E670104	100	1/2"	0-16
MM-S 100-25b	E670105	100	1/2"	0-25

Pressure gauge for vessel

Model	Art. no.	Diameter (mm)	Connection	Measuring range (bar)
MM-S 100-16b B	E670100	100	1/2"	0-16
MM-S 100-25b B	E670101	100	1/2"	0-25

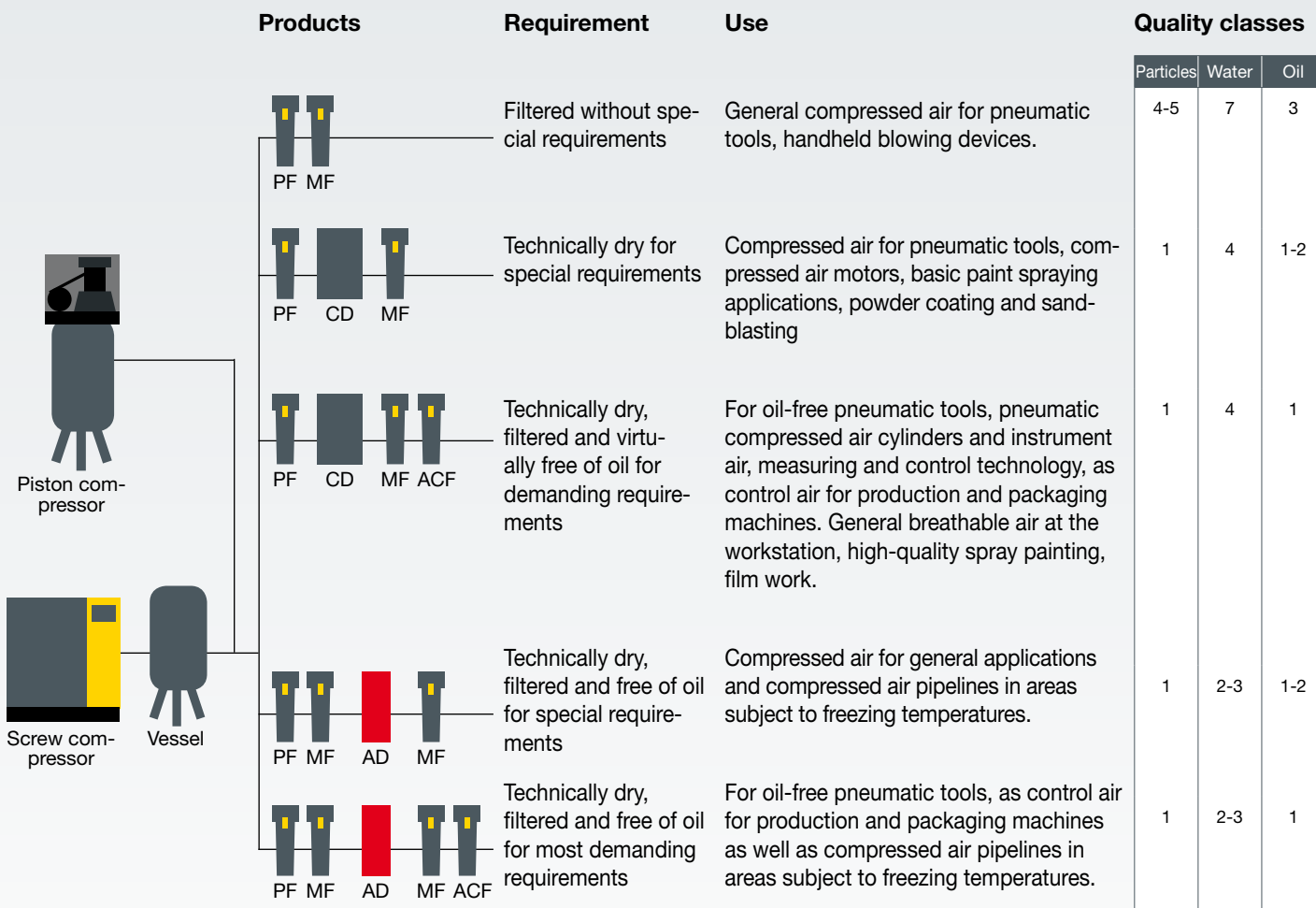




Compressed air conditioning

Compressed air dryers	90
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Optimal compressed air conditioning



Tip Please always observe the exact specifications from your raw material or machine supplier relating to the required compressed air quality.

PF – Prefilter
 MF – Microfilter
 ACF – Activated carbon filter
 CD – Cold dryer
 AD – Adsorption dryer*
 * Our adsorption dryers are fitted with prefilters and microfilters as standard

Compressed air quality classes as per DIN ISO 8573

ISO 8573-1:2010	Solid particles				Water		Oil
	Maximum number of particles per m ³			Mass concentration mg/m ³	Pressure dew point Vapour °C	Liquid g/m ³	Total proportion of oil (liquid, aerosol, mist) mg/m ³
	0,1–0,5 µm	0,5–1 µm	1–5 µm				
0	Stricter requirements than Class 1 individually defined by the user						
1	≤ 20000	≤ 400	≤ 10	–	≤ -70	–	0,01
2	≤ 400000	≤ 6000	≤ 100	–	≤ -40	–	0,1
3	–	≤ 90000	≤ 1000	–	≤ -20	–	1
4	–	–	≤ 10000	–	≤ +03	–	5
5	–	–	≤ 100000	–	≤ +07	–	–
6	–	–	–	≤ 5	≤ +10	–	–
7	–	–	–	5–10	–	≤ 0,5	–
8	–	–	–	–	–	0,5–5	–
9	–	–	–	–	–	5–10	–
x	–	–	–	> 10	–	> 10	> 10

Technical data for compressed air dryers and filters

Design data for compressed air cold dryers

The performance data of our compressed air cold dryers refer to 7 bar operating pressure, 35 °C air inlet temperature and 25 °C ambient temperature. For other pressures or temperatures please use the factors (f) in the following tables according to your values.

With other operating pressures p_1 , multiply the flow rate by factor (f₁):

p_1 [bar]	3	4	5	6	7	8	9	10	11	12	14	16
(f ₁)	0,75	0,85	0,90	0,95	1,00	1,04	1,07	1,10	1,12	1,14	1,18	1,20

With other compressed air inlet temperatures t_1 , multiply the flow rate by factor (f₂):

t_1 [°C]	30	35	40	45	50
(f ₂)	1,25	1,00	0,85	0,75	0,60

With other cooling medium temperatures t_c , multiply the flow rate by factor (f₃):

t_c [°C]	25	30	35	40	45
(f ₃)	1,00	0,96	0,92	0,88	0,80

For other pressure dew points t_{dp} , multiply the flow rate by factor (f₄):

t_{dp} [°C]	3	5	7	9
(f ₄) ECO	1	1,2	1,35	1,45

Correction factors for compressed air filters

With other operating pressures (p_1), multiply the flow rate of the filter by factor f:

p_1 [bar]	1	2	3	4	5	6	7	8	9	10	12	16
(f)	0,138	0,53	0,65	0,76	0,84	0,92	1,00	1,07	1,13	1,19	1,31	2,13

Conversion factor for operating pressure/compressed air inlet temperature for adsorption dryers

Operating pressure	35 °C	40 °C	45 °C	50 °C
5 bar	0,75	0,64	0,61	0,59
6 bar	0,89	0,78	0,73	0,67
7 bar	1,00	0,91	0,82	0,79
8 bar	1,08	1,00	0,94	0,86
9 bar	1,26	1,08	1,03	0,99
10 bar	1,31	1,16	1,07	1,03
11 bar	1,36	1,24	1,10	1,07
12 bar	1,49	1,36	1,23	1,18
13 bar	1,62	1,47	1,35	1,29
14 bar	1,71	1,57	1,46	1,38
15 bar	1,79	1,67	1,57	1,46
16 bar	1,90	1,77	1,66	1,55

Dryer model overview

Model	Art. no.	Flow rate at pressure dew point +3 °C [l/min]	Flow rate at pressure dew point -40 °C [l/min]	Air outlet [inches]	Page in the catalogue
DK 350 SMART	H620035	350		3/4"a	92
DK 600 SMART	H620060	600		3/4"a	92
DK 850 SMART	H620085	850		3/4"a	92
DK 1200 SMART	H620120	1,200		3/4"a	92
DK 1825 SMART	H620182	1,830		3/4"a	92
DK 2350 SMART	H620235	2,350		1"i	92
DK 3000 SMART	H620300	3,000		1"i	92
DK 3600 SMART	H620360	3,600		1 1/2"i	92
DK 4100 SMART	H620410	4,100		1 1/2"i	92
DK 5200 SMART	H620520	5,200		1 1/2"i	92
DK 6500 SMART	H620650	6,500		1 1/2"i	92
DK 7700 SMART	H620770	7,700		1 1/2"i	92
DK 10000 SMART	H621000	10,000		2"i	92
DRY-DAT 120	H604012		133	1/4"i	93
DRY-DAT 230	H604023		250	1/4"i	93
DRY-DAT 350	H604035		416	1/4"i	93
DRY-DAT 580	H604058		583	1/4"i	93

Compressed air dryers

Dry air – the basis for all applications

Simple control system
One control system for all models

Ideal protection of compressed air line against corrosion
thanks to reheating of dried compressed air

Maximum operating safety of production systems
through continuous operation at stable dew point

Optional accessories
DK350 – DK1825 with optional bypass compatible with prefilter VF-DVP and microfilter FF-DFP



Heat exchanger
High efficiency with heat exchanger with large flow cross sections (up to DK1825 made from stainless steel)

Comfortable work
All models have an automatic condensate drainage

Save space during installation
with small machine dimensions

Example: Compressed air cold dryer DK 350 SMART

Compressed air cold dryers dry the moist compressed air that comes from the compressor to protect downstream components, thus ensuring the productivity and economic efficiency of your compressed air system. The dryers from Schneider airsystems use pioneering technology, are exceptionally powerful and reliable and keep pressure losses to a minimum.

SMART compressed air cold dryer

NEW

DK 350 – 1825 SMART

DK 2350 – 10000 SMART



- Maximum operational safety and optimum work results thanks to air dried permanently to a pressure dew point of 3 °C
- Simple control – one control system for all Schneider cold dryers
- Energy-saving heat transfer: Warm compressed air entering is pre-cooled by cold air escaping from the air/air heat exchanger

✓	Heat exchanger with large flow cross sections for constantly low pressure loss	✓
✓	Ideal protection of compressed air line against corrosion thanks to reheating of dried compressed air	✓
✓	Space-saving installation thanks to small assembly dimensions	✓
✓	Highly efficient thanks to stainless steel heat exchanger (up to DK 1825 SMART)	
✓	Optional bypass incl. filter of VF and FF series can be attached directly to the dryer (up to DK 1825 SMART)	



Model	Art. no.	Flow rate ¹⁾ at pressure dew point +3°C (l/min)	Power input (kW)	Pressure loss (bar)	Voltage (V)	Weight (kg)	Refrigerant	Air outlet	Dimensions (WxDxH)
DK 350 SMART	H620035	350	0.13	0.15	230	19	R134a	3/4"a	350x493x450
DK 600 SMART	H620060	600	0.16	0.25	230	19	R134a	3/4"a	350x493x450
DK 850 SMART	H620085	850	0.19	0.25	230	20	R134a	3/4"a	350x493x450
DK 1200 SMART	H620120	1,200	0.27	0.25	230	25	R134a	3/4"a	350x493x450
DK 1825 SMART	H620182	1,830	0.28	0.30	230	27	R134a	3/4"a	350x493x450
DK 2350 SMART	H620235	2,350	0.61	0.32	230	44	R404a	1"i	370x460x764
DK 3000 SMART	H620300	3,000	0.67	0.38	230	44	R404a	1"i	370x460x764
DK 3600 SMART	H620360	3,600	0.79	0.18	230	53	R410a	1 1/2"i	460x520x789
DK 4100 SMART	H620410	4,100	0.87	0.25	230	60	R410a	1 1/2"i	460x520x789
DK 5200 SMART	H620520	5,200	1.07	0.18	230	65	R410a	1 1/2"i	460x520x789
DK 6500 SMART	H620650	6,500	1.2	0.20	230	80	R410a	1 1/2"i	580x550x899
DK 7700 SMART	H620770	7,700	1.44	0.27	230	80	R410a	1 1/2"i	580x550x899
DK 10000 SMART	H621000	10,000	1.82	0.25	230	128	R410a	2"i	735x898x962

¹⁾ Volumetric flow rate in acc. with ISO 7183, compressed air inlet temperature 35 °C, ambient temperature 25 °C, inlet pressure at cold dryer 7 bar (high pressure). Compressed air inlet temperature max. 50 °C, operating pressure max. 16 bar (high pressure) DK 350 SMART – DK 1825 SMART, operating pressure max. 13 bar DK 2350 SMART, DK 3000 SMART & DK 10000 SMART, operating pressure max. 14 bar DK 3600 SMART – DK 7700 SMART

Additional technical features With electric connection cable as standard

Tip

Protect your cold dryer against contamination with a prefilter. Solid particles may clog the plate exchanger.

Dry and clean compressed air for special requirements

“Cooling” adsorption dryer

Bypass line

- Dryer can be bypassed during maintenance for greater operational safety

Model	Art. no.	Version
UGL SMART 3/4	B110179	DK SMART 350–1825



Attachment kit

- For subsequent attachment to stationary piston compressors (UniMaster STS from year of manufacture 09/2010) with stationary 270 l or 500 l vessel (DK 600–1500 ECO)

Model	Art. no.
ABZ-DK ECO 1	B612000

Connexion set

- For connecting cold dryers with internal thread to compressed air line or vessel. The flexible connexion set is adapted to local conditions by cutting the air hose.

Model	Art. no.
AST DK ECO 1 1/2"	B613001
AST DK ECO 2"	B613002

Adsorption dryer

- Air dried consistently to a pressure dew point of -40°C for a high degree of process reliability and perfect working results
- Energy-saving with only 12 pressure changes per hour for max. regeneration air requirements of 14.3%
- Longer service life: Collecting chamber within the moist zone protects the drying agent from concentrated moisture

Dew point-dependent control system with digital display	✓
Pressure dew point can be preset easily	✓
LED function displays on the front of the switch cabinet for: power, adsorption, regeneration and economy cycle	✓
Potential-free output	✓
With prefilter and downstream filter	✓



Model	Art. no.	Flow rate ¹⁾ at pressure dew point -40°C (l/min)	Weight (kg)	Air outlet	Dimensions (WxDxH)
DRY-DAT 120	H604012	133	9	1/4"i	312x210x390
DRY-DAT 230	H604023	250	13	1/4"i	312x210x565
DRY-DAT 350	H604035	416	17	1/4"i	359x210x815
DRY-DAT 580	H604058	583	24	1/4"i	359x210x1,085

¹⁾ compressed air inlet temperature 35°C , ambient temperature 20°C , operating pressure 7 bar. Compressed air inlet temperature max. $50^{\circ}\text{C}/\text{min. } 5^{\circ}\text{C}$, operating pressure max. 16 bar/min. 5 bar

Additional technical features: An adsorption dryer with a pressure dew point of -40°C achieves class 2 residual moisture according to ISO 8573-1.

Condensate discharger

Energy-saving and reliable –
automatic condensate discharger



Automatic drainage of generated condensate
reduces maintenance work



Permanent drainage of aggressive condensate
preserves the vessel and extends its service life



2.5 m connection cable
ready to install



Lower air losses
due to electronic level measurement function

Example: Condensate discharger Ecomat 3100

The condensate dischargers automatically discharge the condensate from vessels, filters and compressed air dryers. Thanks to their electronic level measurement functions, they are extremely low maintenance. They are suitable for compressed air systems up to 16 bar.

Condensate discharger Ecomat

- Automatic drainage of generated condensate reduces repair and maintenance work
- Permanent drainage of aggressive condensate preserves the vessel and extends its service life
- Lower air losses due to electronic level measurement function
- For all applications up to 16 bar

✓	2.5 m connection cable ready to install
✓	Simple installation using attachment set
✓	Compact design



Model	Art. no.	for quantity delivered (l/min)	Weight (kg)	Air connection	Dimensions (WxDxH)
KAL-Ecomat 3100	D605023	2,500	0.8	G1/2"i	149x65x118
KAL-Ecomat 4500	D605025	6,300	0.85	G 1/2"i	150x65x141
KAL-Ecomat 20000	D605030	28,000	2	G 1/2"i	212x93x162

Tip

Avoid using float divertors or divertors with a time-controlled discharge because they are high-maintenance and consume large quantities of energy.

Attachment kit

- For Ecomat condensate dischargers at pressure vessels, cold dryers and filters

Model	Art. no.	Suitable for
ABZ-ECO 3100 Uni	B605080	all pressure vessels (except 90 l horizontal), UNM STS, STL, STB; AirMaster from 04/2016
ABZ-ECO 3100 BH-HZB 90	B605082	Pressure vessel horizontal 90l manufactured from 1997
ABZ-ECO 3100 F	B605084	Compressed air filters from April 2000: DFP/DVP 6-45
ABZ-ECO 3100 BST	B605086	UniMaster STA, 10+Master STA



Condensate collection pipe

- For channelling condensate from the compressed air vessel, cold dryer or filter into the oil-water separator

Model	Art. no.	Condensate inlets (pc.)
KSL 2	B605062	2
KSL 3	B605063	3
KSL 4	B605061	4



Oil-water separators

Economical and ecological – oil-water separating systems



Multiple cleaning stages for environmentally friendly disposal of condensate according to §7a of the Water Resources Act



Very simple and efficient with automatic separation of oil and water



Economical solution as only the separated oil needs to be discarded



Example: OWS-Öwamat 12

The oil-water separation devices are used for the purification of condensate containing oil by automatic isolation and multiple cleaning stages. They represent an environmentally friendly cost-saving solution for separating condensate and allow the oil to be discharged into the sewage system as specified in §7a of the Water Resources Act.

Öwamat oil-water separator

- Environmentally friendly disposal of condensate according to the Water Resources Act
- Extremely efficient - automatic isolation and multiple cleaning stages
- Cost-effective solution due to separate purification

Model	Art. no.	for quantity delivered Pistons/Screws (l/min)	Weight (kg)	Dimensions (WxDxH)
OWS-ÖWAMAT 10	H601001	2,400 / 1,700	3.5	290x222x528
OWS-ÖWAMAT 11	H601002	4,900 / 3,400	5.8	387x260x595
OWS-ÖWAMAT 12	H601003	7,300 / 5,100	12	350x397x719
OWS-ÖWAMAT 14	H601004	14,600 / 10,100	16	410x461x892



Tip

Compressed air condensate often consists of 99% water and 1% oil. It is therefore always more favourable to purify condensate using oil/water separation systems than choose cost-intensive disposal by specialist companies.

Filter element for oil-water separator

Model	Art. no.
FE-Öwamat 10	B201023
FE-Öwamat 11	B201024
FE-Öwamat 12	B201025
FE-Öwamat 14	B201026

- Incl. prefilters

Maintenance units and filters

Excellent air quality for every application



Achieve maximum compressed air quality and outstanding working results with our filters and maintenance units – from prefilters and microfilters through to activated carbon filters.

Cyclone separator

- Centrifugal acceleration of compressed air for efficient separation of dirt particles and condensate
- Including condensate discharger with integrated float valve
- Installed between compressor and vessel

Model	Art. no.	Flow rate (l/min)	Air outlet	Weight (kg)	Dimensions (mm)
ZA 5500	D640055	5.500	G 1"i	2.2	367 x109
ZA 12500	D640125	12.500	G 1 1/2"i	2.2	367 x109



Tip

Extremely effective - often underestimated! Under certain conditions, the cyclone separator can extract up to 90% of the moisture from compressed air.

Prefilter

- Separation of condensate and solid contaminants with particles up to 15 µm for efficient preliminary purification of the working air
- Solid particles class 3
- Installed upstream of the cold dryer

✓	With VP filter element as standard
✓	With float valve as standard

Model	Art. no.	Flow rate (l/min)	Air connection	Weight (kg)	Dimensions (mm)
VF-DVP 6	D640700	700	G 3/8"i	0.6	200 x 70
VF-DVP 10	D640701	1,300	G 1/2"i	1.1	240 x105
VF-DVP 15	D640702	1,900	G 1/2"i	1.2	295 x105
VF-DVP 30	D640703	3,000	G 3/4"i	2	300 x125
VF-DVP 45	D640704	5,200	G 1"i	2.4	420 x125
VF-DVP 80	D640706	8,500	G 1 1/2"i	3.2	452 x125
VF-DVP 160	D640707	16,000	G 2"i	8.4	695 x163



Tip

A single compressed air system with compressed air dryer, prefilter, microfilter and activated carbon filter guarantees the best working results and maximum operating safety.

Accessories for prefilters

Model	Art. no.
F-VP 6	B640700
F-VP 10	B640701
F-VP 15	B640702
F-VP 30	B640703
F-VP 45	B640704
F-VP 80	B640706
F-VP 160	B640707

- Replacement filter element



Filter

Microfilter



- Separation of extremely fine oil and water aerosols and solid contaminants with particles up to 0.01 µm for final purification of the working air
- Solid particles class 1
- Installed downstream of the cold dryer

With VP filter element as standard



With float valve as standard



Model	Art. no.	Flow rate (l/min)	Air connection	Weight (kg)	Dimensions (mm)
FF-DFP 6	D640710	700	G 3/8"i	0.6	200 x 70
FF-DFP 10	D640711	1,300	G 1/2"i	1.1	240 x105
FF-DFP 15	D640712	1,900	G 1/2"i	1.2	295 x105
FF-DFP 30	D640713	3,000	G 3/4"i	2	300 x125
FF-DFP 45	D640714	5,200	G 1"i	2.4	420 x125
FF-DFP 80	D640716	8,500	G 1 1/2"i	3.2	452 x125
FF-DFP 160	D640717	16,000	G 2"i	8.4	695 x163

Tip

A single compressed air system with compressed air dryer, prefilter, microfilter and activated carbon filter guarantees the best working results and maximum operating safety.

Accessories for microfilters



- Replacement filter element

Model	Art. no.
F-FP 6	B640710
F-FP 10	B640711
F-FP 15	B640712
F-FP 30	B640713
F-FP 45	B640714
F-FP 80	B640716
F-FP 160	B640717

Differential pressure manometer



- The differential pressure manometer is available as an option with the prefilter and microfilter (size 6-45). It provides information on whether the filter element is still functional or needs to be replaced

Model	Art. no.
MM-DDM-F	B640503

Can only be read for flow pressure



Activated carbon filters

- For separating oil vapours, aroma and flavouring additives to achieve the best compressed air quality
- Residual oil content, class 1: 0.008 mg/m³
- Only operate with upstream microfilter

✓ With AP filter element as standard



Model	Art. no.	Flow rate (l/min)	Air connection	Weight (kg)	Dimensions (mm)
AF-DAP 6	D640720	700	G 3/8"i	0.6	200x70
AF-DAP 10	D640721	1,300	G 1/2"i	1.1	240x105
AF-DAP 15	D640722	1,900	G 1/2"i	1.2	295x105
AF-DAP 30	D640723	3,000	G 3/4"i	2	300x125
AF-DAP 45	D640724	5,200	G 1"i	2.4	420x125
AF-DAP 80	D640726	8,500	G 1 1/2"i	3.2	452x125
AF-DAP 160	D640727	16,000	G 2"i	8.4	695x163

Tip

A single compressed air system with compressed air dryer, prefilter, microfilter and activated carbon filter guarantees the best working results and maximum operating safety.

Accessories for activated carbon filters

Model	Art. no.
F-AP 6	B640720
F-AP 10	B640721
F-AP 15	B640722
F-AP 30	B640723
F-AP 45	B640724
F-AP 80	B640726
F-AP 160	B640727

- Replacement filter element



Model	Art. no.
WKB-F-G3/8	B640399
WKB-F-G1/2	B640400
WKB-F-G3/4	B640401
WKB-F-G1	B640402
WKB-F-G1 1/2	B640404
WKB-F-G2	B640405

- For mounting the complete filter DVP, DFP, DAP and filter combinations to the wall



Angle bracket

Model	Art. no.
DNL-MS-R3/8a x R3/8a	E030054
DNL-MS-R1/2a x R1/2a	E030055
DNL-MS-R3/4a x R3/4a	E030056
DNL-MS-R1a x R1a	E030057

- For connecting several complete filters to create a combination of filters



Double nipple

Maintenance units

Pressure reducer



- Pressure regulator with piston for high operational reliability
- High stability of adjusting pressure, even if the input pressure or the flow rate changes
- Assembly independent of flow direction thanks to double-sided connection option for pressure gauge

✓	With lockable adjustment button
✓	Regulation range 0-12 bar
✓	Standard features include: pressure gauge

Model	Art. no.	Flow rate (l/min)	Connecting thread	Connection for pressure gauge	Dimensions (WxDxH)
DM 1/4 W	D202002	700	G 1/4"i	G 1/8"i	42x42x94
DM 3/8 W	D302002	2,500	G 3/8"i	G 1/8"i	60x60x130
DM 1/2 W	D402002	2,500	G 1/2"i	G 1/8"i	60x60x130
DM 3/4 W	D502002	5,600	G 3/4"i	G 1/4"i	80x80x184
DM 1 W	D602002	5,600	G 1"i	G 1/4"i	80x80x184

Water separator with filter



- Centrifugal acceleration of compressed air for efficient separation of dirt particles and condensate
- Filtering function upstream of the pressure reducer

✓	Two-stage mechanical filter with 20 µm
✓	Semi-automatic drainage

Model	Art. no.	Connecting thread	Condensate tank volume (cm³)	Dimensions (WxDxH)
FWA 1/4 W	D221002	G 1/4"i	10	42x42x142
FWA 3/8 W	D321002	G 3/8"i	45	60x60x180
FWA 1/2 W	D421002	G 1/2"i	45	60x60x180
FWA 3/4 W	D521002	G 3/4"i	170	80x80x235
FWA 1 W	D621002	G 1"i	170	80x80x235

Filter pressure reducer



- Combines the technical benefits of the pressure reducer and the water separator with filter in one compact unit
- Pressure regulator with piston for high operational reliability
- Assembly independent of flow direction thanks to double-sided connection option for pressure gauge

✓	With lockable adjustment button
✓	Regulation range 0-12 bar
✓	Standard features include: pressure gauge and 20 µm filter element

Model	Art. no.	Flow rate (l/min)	Connection thread	Condensate tank volume (cm³)	Dimensions (WxDxH)
FDM 1/4 W	D225026	700	G 1/4"i	10	42x42x190
FDM 3/8 W	D325026	2,500	G 3/8"i	45	60x60x245
FDM 1/2 W	D425026	2,500	G 1/2"i	45	60x60x245
FDM 3/4 W	D458305	5,600	G 3/4"i	170	80x80x332
FDM 1 W	D468305	5,600	G 1"i	170	80x80x332

Mist oiler

- Regular oil flow for efficient supply to tools
- Proportional adjustment of the oil supply to the air flow rate for optimal lubrication

- possible, even at low pressures and low air flow rates
- Oil purification downstream of the filter pressure reducer

Model	Art. no.	Connecting thread	Oil reservoir volume (cm ³)	Dimensions (WxDxH)
N 1/4 W	D223001	G 1/4"i	50	42x42x156
N 3/8 W	D323001	G 3/8"i	150	60x60x195
N 1/2 W	D423001	G 1/2"i	150	60x60x195
N 3/4 W	D523001	G 3/4"i	379	80x80x260
N 1 W	D623001	G 1"i	379	80x80x260



Filter units

- Fully fitted maintenance system consisting of filter pressure reducer and mist oiler (2-way filter unit) or filter water separator, pressure reducer and mist oiler (3-way filter unit) ready for immediate operation
- Pressure regulator with piston for high operational reliability

With lockable adjustment button	✓
Regulation range 0-12 bar	✓
Standard features include: pressure gauge and 20 µm filter element	✓

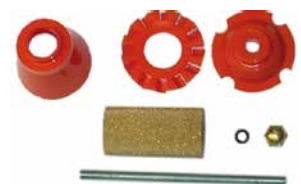
Model	Art. no.	Flow rate (l/min)	Version	Connecting thread	Dimensions (WxDxH)
WE 2-fach 1/4 W	D226026	700	2-way	G 1/4"i	84x42x190
WE 2-fach 3/8 W	D326026	2,500	2-way	G 3/8"i	120x60x245
WE 2-fach 1/2 W	D426026	2,500	2-way	G 1/2"i	120x60x245
WE 2-fach 3/4 W	D458405	5,600	2-way	G 3/4"i	160x80x332
WE 2-fach 1 W	D468405	5,600	2-way	G 1"i	160x80x332
WE 3-fach 1/4 W	D224026	700	3-way	G 1/4"i	126x42x190
WE 3-fach 3/8 W	D324026	2,500	3-way	G 3/8"i	180x60x245
WE 3-fach 1/2 W	D424026	2,500	3-way	G 1/2"i	180x60x245
WE 3-fach 3/4 W	D524026	5,600	3-way	G 3/4"i	320x80x332
WE 3-fach 1 W	D624026	5,600	3-way	G 1"i	320x80x332



Filter element

Model	Art. no.
FE-FDM 1/4 W	G405012
FE-FDM 3/8-1/2 W	G405013
FE-FDM 3/4-1 W	G405014

- For 20 µm maintenance units



Maintenance units

Angle bracket



- For simple and fast wall mounting

Model	Art. no.
WKB-WE 1/4	B200701
WKB-WE3/8-1/2	B400701
WKB-WE3/4-1	B400703

Disassembly key



- For opening the condensate tank and oil reservoir

Model	Art. no.
DSL-WE	B400707

High-performance filter units

- Highest compressed air quality - specially for applications where a high-quality compressed air is required (e.g. painting). Temperature range +5°C to +40°C
- Simple draining of the sludge container through quick-vent valve

✓	Lockable adjustment button with fine adjustment
✓	Option of connecting two pneumatic tools
✓	Control range: 1.5 to 12 bar
✓	Standard features include a pressure gauge, 40 µm prefilter element, 0.01 µm microfilter element and an activated carbon filter with 0.005 mg/m ³ filtration degree (3-way version only)



Model	Art. no.	Version	Air inlet	Weight (kg)	Dimensions (WxDxH)
FDM/FF 1/2	D426030	2-way	G 1/2"	2.5	183x124x290
FDM/FF/AF 1/2	D424030	3-way	G 1/2"	3.5	264x124x290

Activated carbon filters

- For retrofitting of the 2-way filter unit
- For separating oil vapours, aroma and flavouring additives to achieve the best compressed air quality

Model	Art. no.	Air inlet	Weight (kg)	Dimensions (WxDxH)
AF 1/2	D640760	G 1/2"	1	70x63x245



Filter

Model	Art. no.
F-FF 1/2	B640360
F-AF 1/2	B640760










Compressed air distribution

Pipe systems	108
Hoses & workshop equipment	140
Connecting & joining technology	152

Pipe systems model overview

				
<p>Plug-in system 15-28 mm</p>	<p>Pipe sockets</p>	<p>Brass pipe system 15-28 mm</p>	<p>Brass pipe system 32-63 mm</p>	<p>Plastic pipe system 32-63 mm</p>
<p>Page 115</p>	<p>Page 123</p>	<p>Page 128</p>	<p>Page 129</p>	<p>Page 134</p>

Pipe systems

Resistant to pressure and easy to lay –
the pipe systems



Different pipe systems for every requirement: from the practical „Click it“ system with 15-28 mm diameter and the durable brass system with 15-63 mm to the plastic pipe system with 32-63 mm diameter and a wide range of connectors and pipe sockets.

Preventing your money from vanishing into thin air: Schneider airsystems!



Maximum efficiency in pipe network

An efficient compressed air system must include a well designed pipe network because a correctly designed pipe system minimises the pressure lost from the line.

We would be glad to help you design your pipe system: We will design the perfect pipe system and appropriate connection points for you based on your individual requirements analysis for maximum efficiency – always with consideration for the long-term future development of your company.



Optimisation of existing pipe systems

Leaks in the pipe system can generate high costs: In smaller industry and trade networks the average leak is 5%, in larger networks it may even be 10-15%* (based on consumption during production times).

We calculate the amount of your air loss in a leakage measurement. If action is required, we detect your leaks and eliminate them upon request. Simply contact our Service Team on tel.: +49 (0)7121 959-199!

Additional costs resulting from leaks*

ø leak [mm]	Air loss [l/sec.]	Energy loss/year at 8.760 h/a and 0,19 €/kWh	
		[kWh]	[€]
1	1.24	2,891	549.29
3	11.14	26,017	4,943.23
5	30.95	72,270	13,731.30

* Source: Bavarian Environmental Protection Agency (Hrsg.): „Protect the climate – Reduce costs: Guideline for efficient energy use in trade and industry“, 1st edition, Augsburg, 2004

The perfect pipe system – Flexible configurations and tested by the Technical Inspection Authority (TÜV)

We have the right solution for all your requirements – With a variety of connection systems and pipelines made from different materials for indoor, outdoor, underground and clean room installations. All systems from Schneider airsystems are variable and can be extended or combined with one another as required – without welding, soldering or applying adhesive.

Pipe system 15-63 mm



Polyamide pipes

- Click-it system for quick and easy assembly
- UV-resistant version also available for use in direct sunlight



Polyethylene pipes

- Pipe shears cut pipelines to length easily in a single cut
- 50 m rolled pipe available for covering longer distances



Special aluminium alloy pipes

- Lightweight, hard-wearing and fitted using just a few pipe clips, ideal for suspended installation
- Low linear expansion ideal for large fluctuations in temperature



Stainless steel pipes

- Lightweight, hard-wearing and fitted using just a few pipe clips, ideal for suspended installation
- Particularly hygienic and food safe, therefore ideal for clean room technology, food or pharmaceutical industry



Our pipe systems are certified by the Technical Inspection Authority (TÜV)!

All components in Schneider airsystems pipe systems are tested and certified by the Technical Inspection Authority (TÜV) – A unique claim. The certificate also confirms the compatibility of the systems.



Calculate your pipeline diameter!

To plan a compressed air pipeline correctly, greatest importance should be attached to the dimensions and the materials selected because selecting small cross-sections and compressed air pipelines susceptible to corrosion can result in high pressure losses.

The perfect pipe system in four steps:

1. Select the right pipe system according to your compressed air requirements

See the previous page for the four different materials available.

2. Choose a ring or stub line depending on your space requirements:

A stub line is suitable for individual compressed air outlets and for bridging small distances. If you intend to install several compressed air outlets on different sides of the room, a ring line is recommended because the same pressure is guaranteed at all connection points in the network.

Refer to the tables on the following page for:

- the dimensions of a **stub line**: the total nominal length of the line and the total compressed air requirements
- the dimensions of a **ring line**: half the nominal length of the line and the total compressed air requirements

3. Select the fittings required for your pipeline:

For flowing compressed air every fitting is a resistance, a substitute pipeline length must be included for each fitting accordingly. These lengths can be taken from the table on the following page. When choosing the fittings, consider the pipeline diameter already calculated in point 2.

Example:	Substitute pipe length	Nominal length
2 angles \varnothing 28 mm	1.5 m	3.0 m
5 T-pieces \varnothing 28 mm	2.0 m	<u>10.0 m</u>
Total		13.4 m

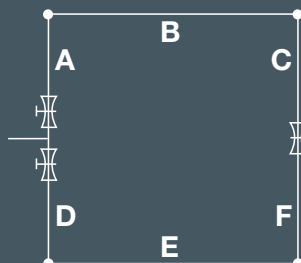
4. Calculate your pipeline diameter:

Add the nominal length of the pipeline from point 2 and the substitute length for fittings from point 3 to get the total length. With this length you can take the correct pipeline diameter for your personal requirements from the tables on the following pages.

Compressed air distribution with closed ring line

For dimensioning the ring line, take **half** of the nominal length of the total ring line and the entire compressed air requirements into consideration:

Length A B C = 250 m, length D E F = 250 m
Half closed ring line length: 250 m



Design data for pipelines

Substitute pipeline lengths for fittings

Working overpressure 7 bar, Δp (max.) 0.2 bar, flow speed (max.) 10 m/s

Fittings	Comparable with	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"
Dia.	inner	12	14	18	24	28	32	38	38	50	63
Dia.	outer	15	18	22	28	32	40	40	50	63	80
Ball valve		0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.8
Angle 45°		0.4	0.5	0.7	0.7	1.0	1.0	1.3	1.3	1.8	2.0
Angle 90°		0.7	1.0	1.3	1.5	2.0	2.0	2.5	2.5	3.5	4.0
T-piece		0.8	1.0	1.5	2.0	2.5	2.5	3.0	3.0	4.0	5.0
Reduction fitting 2d to d		0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	1.0	1.5

Aluminium pipeline

Working overpressure 7 bar, Δp (max.) 0.2 bar, flow speed (max.) 10 m/s

		Length of the pipeline [m]											
		25	50	75	100	150	200	250	300	400	500	750	1,000
Compressed air flow rate [l/min]	100	15	15	15	15	15	15	15	15	18	18	18	18
	200	15	15	15	15	18	18	18	18	22	22	22	28
	300	15	15	18	18	18	22	22	22	28	28	28	28
	400	15	18	18	22	22	22	28	28	28	28	28	32
	500	18	18	22	22	22	28	28	28	28	28	32	32
	750	18	22	22	28	28	28	28	28	32	32	40	40
	1,000	22	28	28	28	28	32	32	32	32	40	40	40
	1,500	28	28	28	32	32	32	40	40	40	40	50	50
	2,000	28	28	32	32	40	40	40	40	40	50	50	50
	3,000	28	32	40	40	40	40	50	50	50	50	63	63
	4,000	32	40	40	40	50	50	50	50	50	63	63	63
	5,000	40	40	40	50	50	50	50	63	63	63	63	63
	6,000	40	40	50	50	50	50	63	63	63	63	63	>63
	8,000	40	50	50	50	63	63	63	63	63	63	>63	>63
	10,000	50	50	50	63	63	63	63	63	>63	>63	>63	>63
	12,000	50	50	63	63	63	63	63	>63	>63	>63	>63	>63
	15,000	50	63	63	63	63	>63	>63	>63	>63	>63	>63	>63
20,000	63	63	63	63	>63	>63	>63	>63	>63	>63	>63	>63	

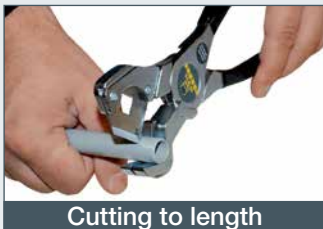
Polyamide (PA) / cross-linked polyethylene (PeX) pipeline

Working overpressure 7 bar, Δp (max.) 0.2 bar, flow speed (max.) 10 m/s

		Length of the pipeline [m]											
		25	50	75	100	150	200	250	300	400	500	750	1,000
Compressed air flow rate [l/min]	100	15	15	15	15	15	15	15	15	18	18	18	22
	200	15	15	15	15	18	18	22	22	22	22	22	28
	300	15	15	18	18	22	22	22	22	28	28	28	28
	400	15	18	22	22	22	22	28	28	28	28	28	32
	500	18	22	22	22	22	28	28	28	28	28	32	40
	750	22	22	22	28	28	28	28	32	32	40	40	40
	1,000	22	28	28	28	28	32	32	40	40	40	40	50
	1,500	28	28	28	32	40	40	40	40	50	50	50	50
	2,000	28	32	32	40	40	40	50	50	50	50	63	63
	3,000	32	40	40	40	50	50	50	50	63	63	63	63
	4,000	32	40	50	50	50	50	63	63	63	63	63	63
	5,000	40	50	50	50	63	63	63	63	63	63	>63	>63
	6,000	40	50	50	50	63	63	63	63	63	>63	>63	>63
	8,000	50	50	63	63	63	63	63	>63	>63	>63	>63	>63
	10,000	50	63	63	63	63	63	>63	>63	>63	>63	>63	>63
	12,000	50	63	63	63	>63	>63	>63	>63	>63	>63	>63	>63
	15,000	63	63	63	>63	>63	>63	>63	>63	>63	>63	>63	>63
20,000	63	63	>63	>63	>63	>63	>63	>63	>63	>63	>63	>63	

Click it – the innovative pipe system

Hardly any other pipe system is changed as often as a compressed air network: No problem with the „Click it“ system: The connection can be detached easily with only a few hand movements and without causing damage to the pipe or connector. All parts can then be reused.



1. Cut the pipe to the right size

Accurate to the millimetre using the Schneider airsystems pipe shears.



2. Deburr and chamfer

So that everything runs smoothly and fits together, visually and otherwise.



3. Join the pipes using plug connectors

When inserted as far as the stop, the pipe is completely airtight and the simple installation saves an enormous amount of time.

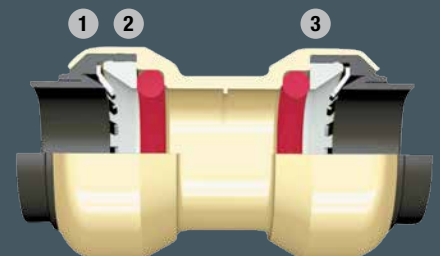


4. Disassembly with just a few hand movements

Press clip against connector – pull pipe out of connector – and you're done.

The Click-it plug connectors

- 1 | The stainless steel retaining claw provides a force lock for retaining the pipe securely
- 2 | Oil-resistant O-ring for complete impermeability, even with oil containing compressed air
- 3 | Spacer washer for centring the pipe in the fitting exactly

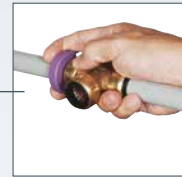


Socket system 15-28 mm

Laid, extended and modified in an instant



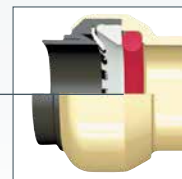
Huge time savings with simple, quick assembly of pipes and connectors



Flexible system for simple release and reconnection



Large number of stainless steel retaining claws hold the pipe securely in the plug connectors



Resistant O-ring ensures complete impermeability, even if the air contains oil



Example: T-branch push-in connexion STV-TS22

For small and medium-sized workshops: Lay pipelines quickly and easily with a few hand movements with the practical „Click it“ system and extend or modify existing pipelines – the flexible plug-in system offers a wide selection of different connectors.

Maximum operating pressure 15 bar at 20°C. With TÜV certificate.

Socket system 15-28 mm

Polyamide pipes



- Polyamide (PA) for greater flexibility
- Pipe shears cut pipelines to length in a single cut

✓	Free of silicone
✓	Can be combined with brass/stainless steel plug-in system, brass clamping ring system
✓	Black UV-resistant pipes, suitable for outdoor installation

	Designation	Model	Art. no.	System/dia.				Length (m)
				15	18	22	28	
	Rolled pipe, grey	DLR-R-PA-G 15x12mm/10m	E815108	■				10
		DLR-R-PA-G 18x14mm/10m	E818108		■			10
		DLR-R-PA-G 15x12mm/25m	E815109	■				25
		DLR-R-PA-G 18x14mm/25m	E818109		■			25
		DLR-R-PA-G 22x18mm/25m	E822109			■		25
		DLR-R-PA-G 28x23mm/25m	E828109				■	25
	Lengths of pipe, grey	DLR-S-PA-G 15x12mm/6m	E815107	■				6
		DLR-S-PA-G 18x14mm/6m	E818107		■			6
		DLR-S-PA-G 22x18mm/6m	E822107			■		6
		DLR-S-PA-G 28x23mm/6m	E828107				■	6
	Rolled pipe, black	DLR-R-PA-S 15x12mm/25m	E815100	■				25
		DLR-R-PA-S 18x14mm/25m	E818100		■			25
		DLR-R-PA-S 22x18mm/25m	E822100			■		25
		DLR-S-PA-S 22x18mm/6m	E822106			■		6

Special aluminium alloy pipes



- Ideal as a main pipe as lightweight, stable and easy to lay using few pipe clips
- Low linear expansion ideal for large fluctuations in temperature
- Pipe protected by outer coating in RAL colour 7001 (corresponds to DIN 2403)

✓	UV-resistant and suitable for outdoor installation
✓	Can be combined with brass/stainless steel plug-in system, brass clamping ring system
✓	Free of silicone

	Designation	Model	Art. no.	System/dia.				Length (m)
				15	18	22	28	
	Lengths of pipe, grey	DLR-ALU-G 15x12mm/6m	E815205	■				6
		DLR-ALU-G 18x15mm/6m	E818205		■			6
		DLR-ALU-G 22x18mm/6m	E822205			■		6
		DLR-ALU-G 28x24mm/6m	E828205				■	6

V4A stainless steel pipes



- Ideal as a main pipe as lightweight, stable and easy to lay using few pipe clips
- Particularly hygienic and food safe, therefore ideal for clean room technology, food or pharmaceutical industry

✓	UV-resistant and suitable for outdoor installation
✓	Compatible with stainless steel plug-in system

	Designation	Model	Art. no.	System/dia.		Length (m)
				15	22	
	Lengths of pipe, matt silver	DLR-V4A 15x13mm/6m	E815400	■		6
		DLR-V4A 22x19,6mm/6m	E822400		■	6

Socket system 15-28 mm

Click-it brass plug connector

- Simple, quick assembly for huge time savings
- Flexible system for simple release and reconnection
- Resistant O-ring made from NBR ensures complete impermeability, even if the air contains oil
- Large number of stainless steel retaining claws hold the pipe securely in the plug connectors

Material: Brass	✓
Free of silicone	✓
With TÜV certification (Technical Inspection Agency)	✓



Model	Art. no.	System/dia.				Designation	
		15	18	22	28		
STV-GES15-G1/2a	E815335	■				Straight male push-in connexion	
STV-GES18-G3/4a	E818334		■				
STV-GES18-G 1/2a	E818335		■				
STV-GES22-G3/4a	E822334			■			
STV-GES22-G1/2a	E822335			■		Straight female push-in connexion	
STV-GES28-G1a	E828335				■		
STV-GES15-G1/2i	E815333	■					
STV-GES18-G1/2i	E818332		■				
STV-GES18-G3/4i	E818333		■			Straight push-in connexion	
STV-GES22-G1/2i	E822332			■			
STV-GES22-G3/4i	E822333			■			
STV-GES28-G1i	E828333				■		
STV-GS15	E815337	■				Right-angle plug connector 90°	
STV-GS18	E818337		■				
STV-GS22	E822337			■			
STV-GS28	E828337				■		
STV-W90-15	E815338	■				Angle plug connector 45°	
STV-W90-18	E818338		■				
STV-W90-22	E822338			■			
STV-W90-28	E828338				■		
STV-W45-15	E815355	■				Angle male push-in connexion	
STV-W45-18	E818355		■				
STV-W45-22	E822355			■			
STV-W45-28	E828355				■		
WV15-G1/2a	E815336	■				T-branch push-in connexion	
WV18-G1/2a	E818336		■				
WV22-G 3/4a	E822336			■			
WV28-G1a	E828336				■		
STV-TS15	E815339	■				Reducing push-in connexion	
STV-TS18	E818339		■				
STV-TS22	E822339			■			
STV-TS28	E828339				■		
STV-TS22-15-22	E822330	■				Sliding sleeve	
STV-TS22-18-22	E822331		■				
STV-TS28-18-18	E828328		■				
STV-TS28-22-22	E828329			■			
STV-TS28-18-28	E828330		■			Blind cap	
STV-TS28-22-28	E828331			■			
STV-GRS-22ax15i	E822341	■					
STV-GRS 22a x 18i	E822351		■				
STV-GRS 28a x 18i	E828340		■			Connecting adapter <i>Please note: it is mandatory to insert a notch into the connecting piece with the all-purpose tool STS-EG 12-28!</i>	
STV-GRS 28a x 22i	E828341			■			
STV-SM 15	E815352	■					
STV-SM 18	E818352		■				
STV-SM 22	E822352			■		Blind cap	
STV-SM 28	E828352				■		
STV-BK 15	E815314	■					
STV-BK 18	E818314		■				
STV-BK 22	E822314			■		Connecting adapter <i>Please note: it is mandatory to insert a notch into the connecting piece with the all-purpose tool STS-EG 12-28!</i>	
STV-BK 28	E828314				■		
VST15xG1/2a	E815360	■					
VST18xG1/2a	E818360		■				
VST18xG3/4a	E818361		■			Connecting adapter <i>Please note: it is mandatory to insert a notch into the connecting piece with the all-purpose tool STS-EG 12-28!</i>	
VST22xG1/2a	E822360			■			
VST22xG3/4a	E822361			■			
VST28xG1a	E828361				■		

Maximum operating pressure 15 bar at 20°C. With TÜV certificate.

Socket system 15-28 mm

Click-it stainless steel plug connector V4A



- Simple, quick assembly for huge time savings
- Flexible system for simple release and reconnection
- Resistant O-ring made from EPDM ensures complete impermeability, even if the air contains oil
- Large number of stainless steel retaining claws hold the pipe securely in the plug connectors

✓	Stainless steel V4A
✓	With TÜV certification (Technical Inspection Agency)

	Designation	Model	Art. no.	System/dia.	
				15	22
	Straight male push-in connexion	STV-GES15-G1/2a V4A	E815381	■	
		STV-GES22-G1/2a-V4A	E822381		■
		STV-GES22-G3/4a-V4A	E822382		■
	Straight female push-in connexion	STV-GES15-G1/2i V4A	E815383	■	
		STV-GES22-G1/2i-V4A	E822383		■
		STV-GES22-G3/4i-V4A	E822384		■
	Straight push-in connexion	STV-GS15 V4A	E815385	■	
		STV-GS22 V4A	E822385		■
	Right-angle plug connector 90°	STV-W90/15 V4A	E815386	■	
		STV-W90/22 V4A	E822386		■
	Angle plug connector 45°	STV-W45/15 V4A	E815387	■	
		STV-W45/22 V4A	E822387		■
	Angle male push-in connexion	WV15-G1/2a-V4A	E815392	■	
		WV22-G3/4a-V4A	E822392		■
	T-branch push-in connexion	STV-T15 V4A	E815388	■	
		STV-T22 V4A	E822388		■
		STV-T22-15-22 V4A	E822389	■	
	Sliding sleeve	STV-SM 15 V4A	E815390	■	
		STV-SM 22 V4A	E822390		■
	Blind cap	STV-BK 15 V4A	E815391	■	
		STV-BK 22 V4A	E822391		■

Air shut-off cock



- Simple shut-off function ensures a high degree of energy efficiency and safety of the supply network
- For shutting off individual areas of a stub, ring or outlet line

✓	NBR seal
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Model	Art. no.	System/dia.			
		15	18	22	28
STS-LAH 15-2GES 15	E815350	■			
STS-LAH 18-2GES 18	E818350		■		
STS-LAH 22-2GES 22	E822350			■	
STS-LAH 28-2GES 28	E828350				■



Socket system 15-28 mm

Energy-saving system

- Shutting off the compressed air pipe reduces energy costs
- Open slowly e.g. to fill the pipeline without generating pressure surges
- Ideally suited for performing simple control tasks

Brass nickel-plated ball valve, hard-chrome plated ball with Teflon seal



230 V switch cabinet (switching compressed air supply on and off) with control light



Model	Art. no.	System/dia.		
		22	28	
STS-ESAT 22 S	E822365	■		
STS-ESAT 28 S	E828365		■	

Manual water collector

- For installation at the end of a pipeline

With ball valve and screw-in connector



NBR seal



Model	Art. no.	System/dia.		
		15	18	22
STS-WSM 15	E815414	■		
STS-WSM 18	E818414		■	
STS-WSM 22	E822414			■

Automatic water collector

- For installation at the end of a pipeline

With automatic condensate discharger and float valve



With ball valve and screw-in connector





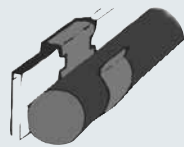





NBR seal



Model	Art. no.	System/dia.		
		15	18	22
STS-WSA 15	E815345	■		
STS-WSA 18	E818345		■	
STS-WSA 22	E822345			■

Socket system 15-28 mm

Assembly aids

	Designation	System/dia.				Support thickness (mm)	Packaging unit (pc.)		
		Model	Art. no.	15	18			22	28
	Pipe clips	RK15grau/25	E815425	■				25	
		RK18grau/25	E818425		■			25	
		RK22grau/25	E822425			■		25	
		RK28grau/25	E828425				■	25	
		RK15schwarz/25	E815125	■				25	
		RK18schwarz/25	E818125		■			25	
		RK22schwarz/25	E822125			■		25	
		RK28schwarz/25	E828125				■	25	
	Fastening set for pipe clips	BEFG 4x35,0-S6/100	B030203					100	
	Assembly clamps for steel girders	MKL 1-4mm/18/50	E815028	■	■			1-4	50
		MKL 1-4mm/22/50	E822028			■		1-4	50
		MKL 4-7mm/18/50	E815026	■	■			4-7	50
		MKL 4-7mm/22/50	E822026			■		4-7	50
		MKL 4-7mm/32/50	E832026				■	4-7	50
		MKL 8-12mm/18/50	E815027	■	■			8-12	50
		MKL 8-12mm/22/50	E822027			■		8-12	50
		MKL 8-12mm/32/50	E832027				■	8-12	50
	Clamp holder for assembly clamps ML 1-4mm	HA-13-20mm/50	E800100	■	■	■		13-20	50
	Pipe clamps	RSL 15-19mm/25	E818448	■					25
		RSL 21-23mm/25	E822448			■			25
		RSL 26-28mm/25	E828448				■		25
	Hanger bolt for pipe clamps	SS-M 8 x 80	B030204						
	Disassembly pliers	STS-DZ 15	B322670	■					
		STS-DZ 18	B322671		■				
		STS-DZ 22	B322672			■			
		STS-DZ 28	B322673				■		
	Disassembly clip	STS-DMC 15	B322674	■					
		STS-DMC 18	B322675		■				
		STS-DMC 22	B322676			■			
		STS-DMC 28	B322677				■		

All-purpose tool



- For chamfering and deburring aluminium pipes, marking insertion depths and notching indentations on hard surfaces (e.g. V4A pipelines)

Model	Art. no.
STS-EG 12-28	B322678

Pipe shears

- For cutting PA pipes, max. dia. 28 mm (with reversible blade)
- With impact function

Model	Art. no.
RS 28 PA	D200602
MR-RS 28 PA / 2	B322687



Pipe cutter

- For aluminium and stainless steel pipes, dia. 15-32 mm

Model	Art. no.
ROS 32 Alu	D200108
MR-RS 32 Alu	B322291



Deburring tool

- For deburring plastic, aluminium and stainless steel pipes
- For inner and outer diameters up to 35 mm

Model	Art. no.
EG 35 PA-Alu-V4A	B800552



Deburring blade

- For deburring the inner diameter of aluminium pipes

Model	Art. no.
EG-Alu	D200603



Anti-friction agent

- For easy installation of compressed air pipes
- Free of silicone

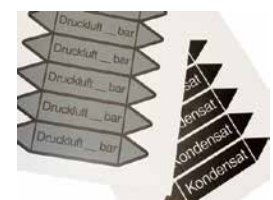
Model	Art. no.
GMI 65	B111015



Sticker

- For labelling pipelines according to VBG 1, DIN 2403

Model	Art. no.	Contents	Dimensions (mm)
AK-Druckluft klein RL-Sy	B800600	Sheet with 10 stickers	75x16
AK-Kondensat	B800602	Sheet with 10 stickers	75x16



Socket system 15-28 mm

Thread-locking fluid



- For sealing and securing metal screw fittings under medium load

Model	Art. no.
SSI 10ml	E771142
SSI 50ml	E771140

Sealant



- Polytetrafluoroethylene sealing tape BND: 12 mm wide; 0.1 mm thick (10 reels in pack)

Model	Art. no.
BND-12mx12mm/10	E770125

Pipe sockets 15-22 mm

Innovative and flexible – for greater economic efficiency



Extremely durable
body made of impact-resistant, glass-fibre reinforced polyamide



Very flexible,
can be used as an input block, through block, distribution block or dead-end distribution block



Uncomplicated assembly
because the screens of the Basic sockets also serve as drilling templates and spirit level supports



Great flexibility
with top sockets available in three different versions



Protection of lines
as the air outlet is directed downwards to avoid bending hoses

Example: Basic „RLD-B 2x1/2i“ and Top „RLD-T 4x1/2i“ pipe sockets

Install perfect compressed air outlets in the pipe system for each workplace – versatile pipe sockets are fully compatible with the Schneider airsystems pipe system and various attachment parts, and can be extended by fitting additional outlet components.

Midi pipe sockets

Midi pipe sockets



- Extremely versatile, with input blocks, through blocks and dead-end distribution blocks
- Max. operating pressure 15 bar at 20 °C

✓	For wall and ceiling mounting
✓	With TÜV certification (Technical Inspection Agency)

	Designation	Model	Art. no.	15	18
	Midi dead-end distribution block	EVM 3/8-1/2 EVM 2 x 3/8-1/2 STS-LDDM 3/8-2x1/2	E800212 E800213 E800214		
	Midi air inlet box	STS-LEM15-G1/2i-SK-GES15 STS-LEM18-G1/2i-SK-GES18	E815365 E818365	■	■
	Midi air connection block with quick-action coupling	STS-LDDM15-SK-2GES15 STS-LDDM18-SK-2GES18	E815367 E818367	■	■
	Midi dead-end distribution block with quick-action coupling	EVM15-SK-GES15 EVM18-SK-GES18	E815369 E818369	■	■
	Midi dead-end distribution block with 2 quick-release couplings	EVM15-2SK-GES15 EVM18-2SK-GES18	E815371 E818371	■	■
	Midi dead-end distribution block with quick-action coupling and stop cock	EVM15-SK-GES15 EVM18-SK-GES18	E815379 E818379	■	■
	Midi dead-end distribution block with 2 quick-release couplings and stop cock	EVM15-2SK-GES15 EVM18-2SK-GES18	E815380 E818380	■	■
	Midi dead-end distribution block with maintenance unit and stop cock	EVM15-DM-SK-GES15 EVM18-DM-SK-GES18	E815374 E818374	■	■
		EVM15-FDM-SK-GES15 EVM18-FDM-SK-GES18	E815373 E818373	■	■
	Midi dead-end distribution block with maintenance unit and stop cock	EVM15-FDM/N-SK-GES15 EVM18-FDM/N-SK-GES18	E815376 E818376	■	■
					

Pipe sockets

Basic pipe sockets

- Basic sockets with integrated plug connectors for simple connection of the pipeline

For wall and ceiling mounting



Including removable screen, which can be used as a drilling template



Model	Art. no.	15	18	22	Designation	
RLD-B 2x1/2i	E800230				Basic pipe socket G1/2"i dimensions without screen LxWxH: 85x85x45 mm, with screen 48 mm high	
RLD-B 3x1/2i	E800231					
RLD-B 4x1/2i	E800232					
RLD-B 6x1/2i	E800233					
RLD-B 4x1i-1/2i	E800234					
					Basic pipe socket G1" Dimensions LxWxH: 90x90x53 mm	
RLD-B 15-2x1/2i	E815276	■			Air inlet box	
RLD-B 18-2x1/2i	E818276		■			
RLD-B 22-2x1/2i	E822276			■		
RLD-B 15-1/2i-SK	E815286	■			Air inlet box with quick-action coupling	
RLD-B 18-1/2i-SK	E818286		■			
RLD-B 22-1/2i-SK	E822286			■		
RLD-B 15-1/2i-SSK	E815296	■			Air inlet box with safety quick-action coupling	
RLD-B 18-1/2i-SSK	E818296		■			
RLD-B 22-1/2i-SSK	E822296			■		
RLD-B 2x15-SK	E815283	■			Air connection block with quick-action coupling	
RLD-B 2x18-SK	E818283		■			
RLD-B 2x22-SK	E822283			■		
RLD-B 2x15-1/2i	E815273	■			Air junction box	
RLD-B 2x18-1/2i	E818273		■			
RLD-B 2x22-1/2i	E822273			■		
RLD-B 3x15-1/2i	E815274	■			Air junction box	
RLD-B 3x18-1/2i	E818274		■			
RLD-B 3x22-1/2i	E822274			■		
RLD-B 3x15-SK	E815284	■			Air junction box with quick-action coupling	
RLD-B 3x18-SK	E818284		■			
RLD-B 3x22-SK	E822284			■		
RLD-B 15-1/2i	E815270	■			Dead-end distribution block	
RLD-B 18-1/2i	E818270		■			
RLD-B 22-1/2i	E822270			■		
RLD-B 15-SK	E815280	■			Dead-end distribution block with quick-action coupling	
RLD-B 18-SK	E818280		■			
RLD-B 22-SK	E822280			■		
RLD-B 15-KH-1/2i	E815271	■			Dead-end distribution block with ball valve	
RLD-B 18-KH-1/2i	E818271		■			
RLD-B 22-KH-1/2i	E822271			■		
RLD-B 15-KH-SK	E815281	■			Dead-end distribution block with ball valve and quick-action coupling	
RLD-B 18-KH-SK	E818281		■			
RLD-B 22-KH-SK	E822281			■		
RLD-B 15-KH-SSK	E815291	■			Dead-end distribution block with ball valve and safety quick-release coupling	
RLD-B 18-KH-SSK	E818291		■			
RLD-B 22-KH-SSK	E822291			■		

Pipe sockets

Basic + Top pipe sockets



- Extremely versatile, with input blocks, through blocks and dead-end distribution blocks
- Extremely durable body made of impact-resistant, glass-fibre reinforced polyamide

✓	Including removable screen, which can be used as a drilling template
✓	For wall and ceiling mounting
✓	With TÜV certification (Technical Inspection Agency)

	Designation	Model	Art. no.	15	18	22
	Dead-end distribution block Basic+Top G1/2"	RLD-BT 2+2x1/2i RLD-BT 2+3x1/2i	E800243 E800244			
	Dead-end distribution block Basic+Top with quick-release couplings	RLD-BT 15-2xSK RLD-BT 18-2xSK RLD-BT 22-2xSK	E815245 E818245 E822245	■	■	■
	Dead-end distribution block Basic+Top with ball valve and quick-release couplings	RLD-BT 15-3xSK RLD-BT 18-3xSK RLD-BT 22-3xSK	E815246 E818246 E822246	■	■	■
	Dead-end distribution block Basic+Top with ball valve and quick-release couplings	RLD-BT 15-KH-2xSK RLD-BT 18-KH-2xSK RLD-BT 22-KH-2xSK	E815445 E818445 E822445	■	■	■
	Dead-end distribution block Basic+Top with ball valve and quick-release couplings	RLD-BT 15-KH-3xSK RLD-BT 18-KH-3xSK RLD-BT 22-KH-3xSK	E815446 E818446 E822446	■	■	■
	Dead-end distribution block Basic+Top with ball valve and safety quick-release couplings	RLD-BT 15-KH-2xSSK RLD-BT 18-KH-2xSSK RLD-BT 22-KH-2xSSK	E815255 E818255 E822255	■	■	■
	Dead-end distribution block Basic+Top with ball valve, pressure reducer and quick-release couplings	RLD-BT 15-KH-3xSSK RLD-BT 18-KH-3xSSK RLD-BT 22-KH-3xSSK	E815256 E818256 E822256	■	■	■
	Dead-end distribution block Basic+Top with ball valve, pressure reducer and quick-release couplings	RLD-BT 15-KH-2xSK-DM RLD-BT 18-KH-2xSK-DM RLD-BT 22-KH-2xSK-DM	E815248 E818248 E822248	■	■	■
	Dead-end distribution block Basic+Top with ball valve, filter pressure reducer and quick-release couplings	RLD-BT 15-KH-2xSK-FDM RLD-BT 18-KH-2xSK-FDM RLD-BT 22-KH-2xSK-FDM	E815260 E818260 E822260	■	■	■

Pipe sockets

Top pipe sockets

■ Exclusively for fitting to a Basic socket

Top socket including fastening material and sealing

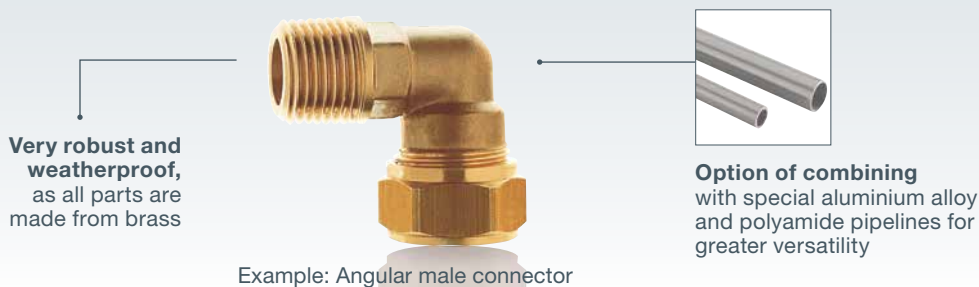


Model	Art. no.	Designation	
RLD-T 2x1/2i	E800240	Pipe socket Top G1/2"	
RLD-T 3x1/2i	E800241		
RLD-T 4x1/2i	E800242		
RLD-T 2xSK	E800245	Top socket with quick-release couplings	
RLD-T 3xSK	E800246		
RLD-T 4xSK	E800247		
RLD-T 2xSSK	E800255	Top socket with safety quick-action coupling	
RLD-T 3xSSK	E800256		
RLD-T 2xSK-FE	E800265		
RLD-T 3xSK-FE	E800266	Top socket with steel quick-release couplings	
RLD-T 4xSK-FE	E800267		
RLD-T 2xSK-DM	E800248		
RLD-T 2xSK-FDM	E800260	Top socket with pressure reducer	
		Top socket with filter pressure reducer	

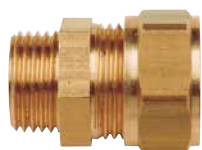
Maximum operating pressure 15 bar at 20°C. With TÜV certificate.

Pipe system 15-28 mm

The brass 15-28 mm pipe system is extremely durable and resistant to weathering. It is also temperature-resistant, insensitive to UV radiation and suitable for operating pressures up to 15 bar.



Brass pipe system



- Very robust and weatherproof, as all parts are made from brass
- With the use of plastic pipes, support sleeves are also required for the clamping ring screw fittings

✓ Compatible with polyamide and special aluminium alloy pipes

	Designation	Model	Art. no.	System/dia.			
				15	18	22	28
	Straight screwed coupling	KSY-GE15-R1/2a	E815035	■			
		KSY-GE18-R1/2a	E818035		■		
		KSY-GE22-R1/2a	E822032			■	
		KSY-GE22-R3/4a	E822035			■	
		KSY-GE28-R3/4a	E828036				■
		KSY-GE28-R1a	E828035				■
	Straight pipe connexion	KSY-G15	E815037	■			
		KSY-G18	E818037		■		
		KSY-G22	E822037			■	
		KSY-G28	E828037				■
	Threaded pipe angle	KSY-WV90-15	E815038	■			
		KSY-WV90-18	E818038		■		
		KSY-WV90-22	E822038			■	
		KSY-WV90-28	E828038				■
	Bended connexion	KSY-BV28	E828031				■
	Angular male connector	KSY-WEV15-R1/2a	E815036	■			
		KSY-WEV18-R1/2a	E818036		■		
		KSY-WEV22-R1/2a	E822031			■	
		KSY-WEV22-R3/4a	E822036			■	
	T-union	KSY-TVS15	E815039	■			
		KSY-TVS18	E818039		■		
		KSY-TVS18-15-18	E818033		■		
		KSY-TVS22	E822039			■	
		KSY-TVS22-15-22	E822033			■	
		KSY-TVS22-18-22	E822034			■	
		KSY-TVS28	E828039				■
		KSY-TVS28-15-28	E828033				■
KSY-TVS28-18-28	E828034				■		
	Support sleeve	KSY-SH15	E815030	■			
		KSY-SH18	E818030		■		
		KSY-SH22	E822030			■	
		KSY-SH28	E828030				■
	Clamping ring	KSY-SRI 15	G025004	■			
		KSY-SRI18	G025005		■		
		KSY-SRI22	G025006			■	
		KSY-SRI28	G028000				■

Brass pipe system 32-63 mm

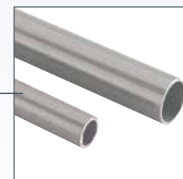
Extremely robust – for demanding air requirements



Large pipe diameter
for high air requirements



Very robust and weatherproof,
as all parts are
made from brass



Option of combining
with special aluminium alloy
and polyamide pipelines for
greater versatility

Example: T-union 90°

The brass 32-63 mm pipe system is ideal for large workshops and industrial plants. Characteristic features of the system include durability, temperature resistance, resistance to weathering and insensitivity to UV radiation. Suitable for operating pressures up to 15 bar.

Maximum operating pressure 15 bar at 20°C. With TÜV certificate.

Pipe system 32-63 mm

Special aluminium alloy pipes



- Ideal as a main pipe as lightweight, stable and easy to lay using few pipe clips
- Low linear expansion ideal for large fluctuations in temperature
- Can only be combined with brass clamping ring system
- Pipe protected by outer coating in RAL colour 7001 (corresponds to DIN 2403)

✓	UV-resistant and suitable for outdoor installation
✓	Lengths of pipe
✓	Free of silicone

	Designation	Model	Art. no.	System/dia.				Length (m)
				32	40	50	63	
	Lengths of pipe, grey	DLR-ALU-G 32x28mm/6m	E832205	■				6
		DLR-ALU-G 40x36mm/6m	E840205		■			6
		DLR-ALU-G 50x46mm/6m	E850305			■		6
		DLR-ALU-G 63x58mm/6m	E863205				■	6

Pipe system 32-63 mm

Brass pipe system

- Very robust and weatherproof, as all parts are made from brass
- Compatible with special aluminium alloy pipes

Free of silicone



Model	Art. no.	System/dia.				Designation	
		32	40	50	63		
MKS-AVI 32xG1i	E832436	■				Connection screw fitting with internal thread	
MKS-AVI 40xG1 1/4i	E840436		■				
MKS-AVI 50xG1 1/2i	E850436			■			
MKS-AVI 63xG2i	E863436				■		
MKS-AVA 32xR1a	E832435	■				Connection screw fitting with external thread	
MKS-AVA 40xR1 1/4a	E840435		■				
MKS-AVA 50xR1 1/2a	E850435			■			
MKS-AVA 63xR2a	E863435				■		
MKS-SBV 32x32	E832437	■				Screw fitting	
MKS-SBV 40x40	E840437		■				
MKS-SBV 50x50	E850437			■			
MKS-SBV 63x63	E863437				■		
MKS-WV90-32x32mm	E832438	■				Angle 90°	
MKS-WV90-40x40mm	E840438		■				
MKS-WV90-50x50mm	E850438			■			
MKS-WV90-63x63mm	E863438				■		
MKS-WV90-32mmxR1a	E832442	■				Angle 90°	
MKS-WV90-40mmxR1 1/4a	E840442		■				
MKS-WV90-50mmxR1 1/2a	E850442			■			
MKS-WV90-63mmxR2a	E863442				■		
MKS-WV90-32mmxG1i	E832443	■				Angle 45°	
MKS-WV90-40mmxG1 1/4i	E840443		■				
MKS-WV90-50mmxG1 1/2i	E850443			■			
MKS-WV90-63mmxG2i	E863443				■		
MKS-WV45-32x32mm	E832355	■				Angle 45°	
MKS-WV45-40x40mm	E840355		■				
MKS-WV 50x50mm/45	E850355			■			
MKS-WV 63x63mm/45	E863355				■		
MKS-TVS32x32x32mm	E832439	■				T-union 90°	
MKS-TVS40x40x40mm	E840439		■				
MKS-TVS50x50x50mm	E850439			■			
MKS-TVS63x63x63mm	E863439				■		
MKS-TVS32mmxG1 ix32mm	E832440	■				T-union 90° with internal thread on middle adapter	
MKS-TVS40xG1 1/4ix40mm	E840440		■				
MKS-TVS50xG1 1/2ix50mm	E850440			■			
MKS-TVS63xG2ix63mm	E863440				■		
MKS-SM 32	E832352	■				Sliding sleeve	
MKS-SM 40	E840352		■				
MKS-SM 50	E850352			■			
MKS-SM 63	E863352				■		
MKS-OR 32x3mm	E832445	■				O-ring	
MKS-OR 40x3,5mm	E840445		■				
MKS-OR 50x3,5mm	E850445			■			
MKS-OR 63x5mm	E863445				■		
MKS-ZR 37,9x33mm	E832446	■				Intermediate ring	
MKS-ZR 46,9x41mm	E840446		■				
MKS-ZR 56,9x51mm H=5,9	E850446			■			
MKS-ZR 72,5x64mm	E863446				■		
MKS-KLR 38,5x33mm	E832447	■				Clamping ring	
MKS-KLR 48x40,75mm	E840447		■				
MKS-KLR 50x58mm	E850447			■			
MKS-KLR 66,5x73mm	E863447				■		

Maximum operating pressure 15 bar at 20°C. With TÜV certificate.

Pipe system 32-63 mm

Air outlet clamp



- Spot drilling on existing pipelines for additional air outlets
- Only for use with aluminium and PE-Xa pipes
- Max. operating pressure 10 bar at 20 °C

Model	Art. no.
LAS 32 x G1/2i	E832612
LAS 32 x G3/4i	E832634
LAS 40 x G1/2i	E840612
LAS 40 x G3/4i	E840634
LAS 50 x G1/2i	E850612
LAS 50 x G3/4i	E850634
LAS 63 x G1/2i	E863612
LAS 63 x G3/4i	E863634

Air shut-off cock



- Simple shut-off function ensures a high degree of energy efficiency and safety of the supply network
- For shutting off individual areas of a stub, ring or outlet line

System/dia.				Model	Art. no.
32	40	50	63		
■				MKS-LAH 32-2AVA 32	E832350
	■			MKS-LAH 40-2AVA 40	E840350
		■		MKS-LAH 50-2AVA 50	E850350
			■	MKS-LAH 63-2AVA 63	E863350

Energy-saving system



- Shutting off the compressed air pipe reduces energy costs
- Open slowly e.g. to fill the pipeline without generating pressure surges
- Ideally suited for performing simple control tasks

✓	Brass nickel-plated ball valve, hard-chrome plated ball with Teflon seal
✓	230 V switch cabinet (switching compressed air supply on and off)

System/dia.				Model	Art. no.
32	40	50	63		
■				MKS-ESAT 32 MK	E832365
	■			MKS-ESAT 40 MK	E840365
		■		MKS-ESAT 50 MK	E850365
			■	MKS-ESAT 63 MK	E863365

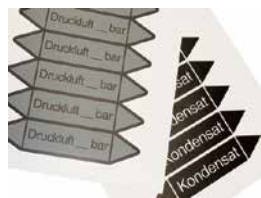
Reduction fitting



✓	For connecting a T-union to the plug-in system
✓	With external and internal thread
✓	Material: Brass

Model	Art. no.
RDS-G1a x G1/2i	E770078
RDS-G1a x G3/4i	E770079
RDS-G1 1/4a x G1/2i	E770095
RDS-G1 1/4a x G3/4i	E770096
RDS-G1 1/2a x G1i	E770093
RDS-G2a x G1i	E770094

Sticker



- For labelling pipelines according to VBG 1, DIN 2403

Model	Art. no.	Contents	Dimensions (mm)
AK-Druckluft klein RL-Sy	B800600	Sheet with 10 stickers	75x16
AK-Kondensat	B800602	Sheet with 10 stickers	75x16

Pipe system 32-63 mm

Assembly key

- For tightening union nuts in the brass clamping ring system

System/dia.				Model	Art. no.
32	40	50	63		
■				MKS-KMS 32	B800536
	■			MKS-KMS 40	B800537
		■		MKS-KMS 50	B800538
			■	MKS-KMS 63	B800539



Pipe cutter

- For cutting aluminium pipes, max. dia. 63 mm

Model	Art. no.
RS 63 Alu	D200109
MR-RS 63 Alu	B322295



Deburring tool

- For deburring plastic, aluminium and stainless steel pipes
- For all diameters up to 54 mm

Model	Art. no.
EG 54 Alu	B800551



Deburring blade

- For deburring the inner diameter of aluminium pipes

Model	Art. no.
EG-Alu	D200603



Anti-friction agent

- For easy installation of compressed air pipes
- Free of silicone

Model	Art. no.
GMI 65	B111015



Sealant

- Polytetrafluoroethylene sealing tape BND: 12 mm wide; 0.1 mm thick (10 reels in pack)

Model	Art. no.
BND-12mx12mm/10	E770125



Plastic pipe system 32-63 mm

Extremely lightweight and flexible



Large pipe diameter
for high air requirements



**Simple screw connector/
binders**
are ideal for quick, inexpensive
installations

For large workshops and industrial plants – The plastic pipe system is ideal for quick, inexpensive installations with higher air requirements. The plastic pipe system impresses with simple and efficient laying and also the bridging of longer distances with 50 m rolled pipe.

Plastic pipe system 32-63 mm

Polyethylene pipes

- Pipe shears cut pipelines to length in a single cut
- 50 m rolled pipe for bridging longer distances

✓	Available in 50 m rolls (DLR-R) or 6 m lengths (DLR-S)
✓	Extremely flexible material (PE-Xa) suitable for indoor and outdoor installations
✓	Free of silicone



Model	Art. no.	System/dia.				(m)	Designation
		32	40	50	63		
DLR-R-PE-G 32x26,2mm/50m	E832111	■				50	Rolled pipe, grey
DLR-R-PE-G 40x32,6mm/50m	E840111		■			50	
DLR-R-PE-G 50x40,8mm/50m	E850111			■		50	
DLR-R-PE-G 63x51,4mm/50m	E863111				■	50	
DLR-S-PE-G 32x26,2mm/6m	E832110	■				6	Lengths of pipe, grey
DLR-S-PE-G 40x32,6mm/6m	E840110		■			6	
DLR-S-PE-G 50x40,8mm/6m	E850110			■		6	
DLR-S-PE-G 63x51,4mm/6m	E863110				■	6	



Plastic pipe system 32-63 mm

Plastic pipe system



- Screw connector/binder
- Only compatible with pipes made of polyethylene

As air inlet for the compressed air pipe or as connection with fittings



Material: Polypropylene (PP)



	Designation	Model	Art. no.	System/dia.			
				32	40	50	63
	Connection screw fitting with internal thread	SKS-AVI 32mm x G1i	E832536	■			
		SKS-AVI 40mm x G1 1/4i	E840536		■		
		SKS-AVI 50mm x G1 1/2i	E850537			■	
		SKS-AVI 63mm x G2i	E863536				■
	Connection screw fitting with external thread	SKS-AVA 32mm x R1a	E832535	■			
		SKS-AVA 40mm x R1 1/4a	E840535		■		
		SKS-AVA 50mm x R1 1/2a	E850535			■	
		SKS-AVA 50mm x R2a	E850536			■	
	Screw fitting	SKS-SBV 32x32	E832537	■			
		SKS-SBV 40x40	E840537		■		
		SKS-SBV 50x50	E850540			■	
		SKS-SBV 63x63	E863537				■
	Angle 45°	SKS-W45 32x32mm	E832555	■			
		SKS-W45 40x40mm	E840555		■		
		SKS-W45 50x50mm	E850555			■	
		SKS-W45 63x63mm	E863555				■
	Angle 90°	SKS-W90 32x32mm	E832538	■			
		SKS-W90 40x40mm	E840538		■		
		SKS-W90 50x50mm	E850538			■	
		SKS-W90 63x63mm	E863538				■
	T-union 90°	SKS-TVS32x32x32mm	E832539	■			
		SKS-TVS40x40x40mm	E840539		■		
		SKS-TVS50x50x50mm	E850539			■	
		SKS-TVS63x63x63mm	E863539				■
	T-union 90° with internal thread on middle adapter	SKS-TVS32xR3/4ix32mm	E832541	■			
		SKS-TVS32xR1ix32mm	E832540	■			
		SKS-TVS40xR1ix40mm	E840540		■		
		SKS-TVS40xR2ix40mm	E840541		■		
		SKS-TVS50xR1 1/2ix50mm	E850541			■	
		SKS-TVS63xR1 1/4ix63mm	E863540				■
	Air outlet	SKS-LAD 32-1 GES 15	E832510	■			
		SKS-LAD 32-1 GES 18	E832511	■			
		SKS-LAD 32-1 GES 22	E832509	■			
		SKS-LAD 40-1 GES 15	E840510		■		
		SKS-LAD 40-1 GES 18	E840511		■		
		SKS-LAD 40-1 GES 22	E840512		■		
		SKS-LAD 50-1 GES 15	E850510			■	
		SKS-LAD 50-1 GES 18	E850511			■	
		SKS-LAD 50-1 GES 22	E850512			■	
		SKS-LAD 63-1 GES 15	E863510				■
		SKS-LAD 63-1 GES 18	E863511				■
		SKS-LAD 63-1 GES 22	E863512				■
	Reducing connexion	SKS-UEV32xR1/2a	E832547	■			
		SKS-UEV32 x R3/4a	E832548	■			
		SKS-UEV40 x R1a	E840546		■		
		SKS-UEV50 x R1a	E850547			■	
		SKS-UEV63 x R1a	E863547				■

Plastic pipe system 32-63 mm

Blind plug

- For closing off screw connectors/binders at end points in the pipeline

System/dia.				Model	Art. no.
32	40	50	63		
■				SKS-BK 32	E832542
	■			SKS-BK 40	E840542
		■		SKS-BK 50	E850543
			■	SKS-BK 63	E863542



Double nipple

Model	Art. no.
SKS-DN-R1a x R3/4a	G004109
SKS-DN-R1 1/4a x R3/4a	G004111

- With external thread



Reduction fitting

Model	Art. no.
SKS-RDS-R3/4a x R1/2i	E832546
SKS-RDS-R1a x R1/2i	E840545
SKS-RDS-R1a x R3/4i	E832545
SKS-RDS-R1 1/4a x R1/2i	E863545
SKS-RDS-R1 1/4a x R3/4i	E863546
SKS-RDS-R1 1/2a x R1/2i	E850545
SKS-RDS-R1 1/2a x R3/4i	E850546

- With external and internal thread



Air outlet clamp

Model	Art. no.
LAS 32 x G1/2i	E832612
LAS 32 x G3/4i	E832634
LAS 40 x G1/2i	E840612
LAS 40 x G3/4i	E840634
LAS 50 x G1/2i	E850612
LAS 50 x G3/4i	E850634
LAS 63 x G1/2i	E863612
LAS 63 x G3/4i	E863634

- Spot drilling on existing pipelines for additional air outlets
- Only for use with aluminium and PE-Xa pipes
- Max. operating pressure 10 bar at 20 °C



Air shut-off cock

- Simple shut-off function ensures a high degree of energy efficiency and safety of the supply network
- For shutting off individual areas of a stub, ring or outlet line

System/dia.				Model	Art. no.
32	40	50	63		
■				SKS-LAH 32-2 AVI 32	E832550
	■			SKS-LAH 40-2AVI 40	E840550
		■		SKS-LAH 50-2AVI 50	E850550
			■	SKS-LAH 63-2AVI 63	E863550



Pipe system 32-63 mm

Energy-saving system



- Shutting off the compressed air pipe reduces energy costs
- Open slowly e.g. to fill the pipeline without generating pressure surges
- Ideally suited for performing simple control tasks

- ✓ Brass nickel-plated ball valve, hard-chrome plated ball with Teflon seal
- ✓ 230 V switch cabinet (switching compressed air supply on and off)

System/dia.				Model	Art. no.
32	40	50	63		
■				SKS-ESAT 32 SK	E832565
	■			SKS-ESAT 40 SK	E840565
		■		SKS-ESAT 50 SK	E850565
			■	SKS-ESAT 63 SK	E863565

Assembly aids

Model	Art. no.	System/dia.				Packaging unit (pc.)	Designation	
		32	40	50	63			
RK32grau/25	E832425	■				25	Pipe clips	
RK40weiß/25	E840025		■			25		
RK50schwarz/10	E850025			■		10		
RK63grau/10	E863024				■	10		
BEFG 4x35,0-S6/100	B030203					100	Fastening set for pipe clips	
BEFG 5x45,0-S6/50	B030205					50		
RSL 32-35mm	E835448	■					Pipe clamps	
RSL 40-43mm	E842448		■					
RSL 48-52mm	E850448			■				
RSL 60-64mm	E863448				■			
SS-M 8 x 80	B030204						Hanger bolt for pipe clamps	
HSL 32 K	B800541	■					Hook wrench	
HSL 40 K	B800542		■					
HSL 50 K	B800544			■				
HSL 63 K	B800543				■			

Pipe shears

Model	Art. no.
RS 63 PE	D200106
MR-RS 63 PE	B322293

- For cutting PE-Xa pipes, max. dia. 63 mm



Deburring tool

Model	Art. no.
EG 63 PE	B800550

- For chamfering PE-Xa pipes
- For all diameters up to 63 mm



Anti-friction agent

Model	Art. no.
GMI 65	B111015

- For easy installation of compressed air pipes
- Free of silicone



Sealant

Model	Art. no.
BND-12mx12mm/10	E770125

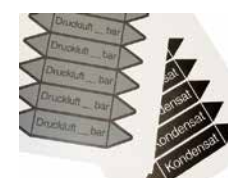
- Polytetrafluoroethylene sealing tape BND: 12 mm wide; 0.1 mm thick (10 reels in pack)



Sticker

- For labelling pipelines according to VBG 1, DIN 2403

Model	Art. no.	Contents	Dimensions (mm)
AK-Druckluft klein RL-Sy	B800600	Sheet with 10 stickers	75x16
AK-Kondensat	B800602	Sheet with 10 stickers	75x16



Hoses and workshop equipment model overview

				
<p>Air hoses</p>	<p>Pneumatic series</p>	<p>Hose retractor</p>	<p>Tractions</p>	<p>Power and air supply units</p>
<p>Page 142</p>	<p>Page 144</p>	<p>Page 149</p>	<p>Page 150</p>	<p>Page 151</p>

Hoses and workshop equipment

For a perfectly organised workplace



For private use and professional workshop applications – hard-wearing fabric hoses, flexible Super-Flex hoses or durable polyurethane hoses for every application. For optimal workplace organisation and ergonomic work – hose rewinders, power and air supply units and tractions.

Air hoses

PVC hose with fabric inlay



- Particularly resistant against compressed air containing oil



Max. operating pressure 15 bar at 20 °C

Model	Art. no.	With quick-action coupling and plug nipple	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)
DLS-SK 11-6/5m	D740003	x	15	11	6	5
DLS-SK 11-6/10m	D740004	x	15	11	6	10
DLS 11-6/25m	E740003		15	11	6	25
DLS 11-6/50m	E740002		15	11	6	50
DLS-SK 15-9/5m	D740012	x	15	15	9	5
DLS-SK 15-9/10m	D740013	x	15	15	9	10
DLS 15-9/25m	E740012		15	15	9	25
DLS 15-9/50m	E740011		15	15	9	50
DLS-SK 18,6-13/10m	D750021	x	15	18,6	13	10
DLS 18,6-13/25m	E740022		15	18,6	13	25
DLS 18,6-13/50m	E740021		15	18,6	13	50
DLS-SK-OA 15-9/10m	D740040	x	15	15	9	10
DLS-OA 15-9/25m	E740042		15	15	9	25

Super-Flex hose



- Reinforced external material for greater resistance to ageing and protection against compressed air containing oil
- Extremely flexible, even at low temperatures



PVC hose with fabric inlay



Max. operating pressure 15 bar at 20 °C

Model	Art. no.	With quick-action coupling and plug nipple	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)
DLS-SK-SF 11-6,3/5m	D730030	x	15	11	6.3	5
DLS-SK-SF 11-6,3/10m	D730033	x	15	11	6.3	10
DLS-SF 11-6,3/25m	E730037		15	11	6.3	25
DLS-SF 11-6,3/50m	E730031		15	11	6.3	50
DLS-SK-SF 15,5-10/5m	D730032	x	15	15,5	10	5
DLS-SK-SF 15,5-10/10m	D730031	x	15	15,5	10	10
DLS-SF 15,5-10/25m	E730036		15	15,5	10	25
DLS-SF 15,5-10/50m	E730033		15	15,5	10	50
DLS-SF 19-12,7/25m	E730024		15	19	12,7	25
DLS-SF 19-12,7/50m	E730023		15	19	12,7	50
DLS-SF 27-19/25m	E730040		10	27	19	25
DLS-SF 27-19/50m	E730041		10	27	19	50

High-pressure hose version



- High-pressure version for pressure up to 40 bar
- Particularly suitable for connecting pneumatic tools outdoors
- Extremely flexible, even at low temperatures
- For temperature range from -15 °C to +60 °C



PVC hose with reinforced polyester threads, smooth hose core and UV-resistant outer lining



Max. operating pressure 40 bar at 20 °C

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)
DLS 40 16-9/50m	E171112	40	16	9	50
DLS 40 21-13/50m	E171113	40	21	13	50

Polyamide spiral hose

- With rotary quick-action coupling (only SSL-SK) and plug nipple, ready for immediate use
- Bend protection at the spiral hose ends for an extended service life and constant air flow
- Particularly suitable for tractions due to high reset force

Connections with swivel joints (except D770133)



Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Working length (m)	Stretched length (m)
SSL-SK-PA 8-6/5m	D770133	8	8	6	2.5	5
SSL-SK-PA 8-6/7,5m	D770131	8	8	6	4	7.5
SSL-SK-PA 10-8/10m	D770132	8	10	8	6	10

Polyurethane spiral hose

- With rotary quick-action coupling (only SSL-SK) and plug nipple, ready for immediate use
- Bend protection at the spiral hose ends for an extended service life and constant air flow
- Small winding diameter saves space
- Particularly abrasion-resistant and very resilient
- No remaining cross-section reductions upon bending

Connections with swivel joints



Model	Art. no.	G	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Working length (m)	Stretched length (m)
SSL-SK-PUR 10-6,5/6m	D770136		8	10	6.5	4.8	6
SSL-SK-PUR 10-6,5/7,5m	D770137		8	10	6.5	6	7.5
SSL-SK-PUR 12-8/6m	D770138		8	12	8	4.8	6
SSL-SK-PUR 12-8/7,5m	D770139		8	12	8	6	7.5
SSL-PUR 10-6,5/6m	E038704	1/4"	8	10	6.5	4.8	6
SSL-PUR 10-6,5/7,5m	E038705	1/4"	8	10	6.5	6	7.5
SSL-PUR 12-8/6m	E038105	3/8"	8	12	8	4.8	6
SSL-PUR 12-8/7,5m	E038106	3/8"	8	12	8	6	7.5

Wall-mounted hose holder

- Creates a tidy working area and eliminates tripping hazards of hoses lying around
- Robust plastic design. Also suitable for heavy hoses
- Additional hooks for hanging tools, small parts, etc.

Model	Art. no.
WH-WSH	E104002



Hose/Pipe cutter

- Ideal for cutting hoses with a maximum external dia. of 14 mm

Model	Art. no.
ROS 14 PA	D200100



Pneumatic series

Polyamide hose



- Narrow wall thickness yet extremely pressure-resistant
- Largely resistant to oil, grease, acids, salt and bases
- Corresponds to DIN 73378

- ✓ For temperature range from -40 °C to +80 °C
- ✓ Max. operating pressure at 20 °C

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)
DLS-PA 4-2/50m	E111101	44	4	2	50
DLS-PA 6-4/50m	E111131	27	6	4	50
DLS-PA 8-6/50m	E111141	19	8	6	50
DLS-PA 10-8/50m	E111151	15	10	8	50

Polyethylene hose



- Ideal for all pneumatic control systems
- Flexible and wear-resistant with lightweight design

- ✓ For temperature range from -10 °C to +60 °C
- ✓ Suitable for screw connection series A / Fox
- ✓ Max. operating pressure at 20 °C

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)
DLS-PE 6-4/50m	E094131	12	6	4	50
DLS-PE 8-6/50m	E094141	8	8	6	50
DLS-PE 10-8/50m	E094151	6	10	8	50

Polyurethane hose



- Ideal pneumatic hose within normal temperature range
- High resilience, even after sustained loading
- High wear resistance, excellent cold flexibility, high tensile strength

- ✓ Suitable for screw connection series A / Fox
- ✓ Max. operating pressure at 20 °C

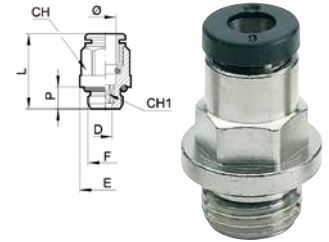
Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)
DLS-PUR 6-4/50m	E095131	12	6	4	50
DLS-PUR 8-6/50m	E095141	9,5	8	6	50
DLS-PUR 10-8/50m	E095151	7	10	8	50

Straight screw-in connection R 1

■ With cylindrical external thread

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Dia. (mm)	F	E	D	L	P	CH	CH1
SVG-R1-6xG1/8a	E014133	6	1/8"	14	4.1	20.6	6	12	4
SVG-R1-6xG1/4a	E014134	6	1/4"	18	4.1	19.3	8	12	4
SVG-R1-8xG1/8a	E014144	8	1/8"	14	5.2	24.5	6	13	5
SVG-R1-8xG1/4a	E014145	8	1/4"	18	6.2	24.4	8	14	6
SVG-R1-8xG3/8a	E014146	8	3/8"	22	6.2	21.9	9	14	6
SVG-R1-10xG1/4a	E014154	10	1/4"	18	7.2	28.5	8	16	7
SVG-R1-10xG3/8a	E014155	10	3/8"	22	8.2	25.8	9	16	8

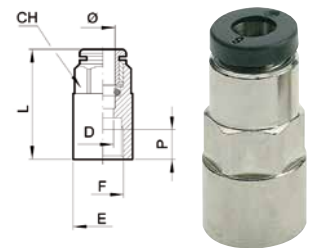


Straight screw-on connection R 2

■ With internal thread

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Dia. (mm)	F	E	D	L	P	CH
SVG-R2-6xG1/8i	E014233	6	1/8"	14	5	26.1	7	12
SVG-R2-6xG1/4i	E014234	6	1/4"	17	5	28.3	8	12
SVG-R2-8xG1/8i	E014243	8	1/8"	14	7	27.3	7	13
SVG-R2-8xG1/4i	E014244	8	1/4"	17	7	29.1	8	14



Straight connection R 3

■ 2 hose connections

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Dia. (mm)	F	D	L
SVG-R3-6x6	E014334	6	M13	4.5	31.2
SVG-R3-8x8	E014345	8	M15	6.5	33.9
SVG-R3-10x10	E014356	10	M17	8	37.8

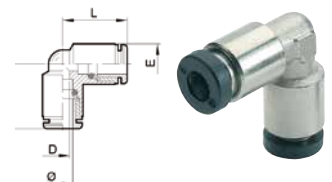


Angle connection R 4

■ 2 hose connections

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Dia. (mm)	E	D	L
SVG-R4-6x6 L	E014434	6	11.5	4.5	18.3
SVG-R4-8x8 L	E014445	8	13.5	6.5	20.7
SVG-R4-10x10 L	E014456	10	15.5	8	23



T-connection R 5

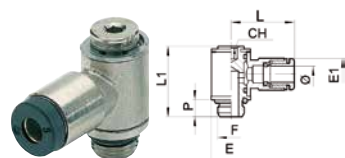


■ 3 hose connections

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Dia. (mm)	E	D	L	L1 (mm)
SVG-R5-6x6x6 T	E014534	6	11.5	4.5	18.3	36.6
SVG-R5-8x8x8 T	E014545	8	13.5	6.5	20.7	41.4
SVG-R5-10x10x10 T	E014556	10	15.5	8	23	46

Angular male connector R 15

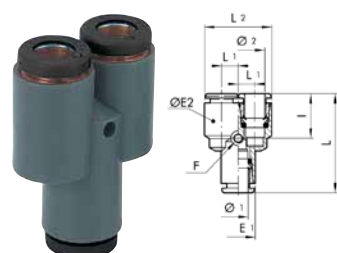


■ Rotatable

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Dia. (mm)	F	E	E1	L	L1 (mm)	P	CH
SVG-R15-6xG1/8a L	E015732	6	1/8"	14	11.3	22.5	24.9	6	3
SVG-R15-8xG1/4a L	E015743	8	1/4"	18	13.8	26.1	29.4	8	4
SVG-R15-10xG1/4a L	E015753	10	1/4"	18	16.5	31.3	29.4	8	4

Y-hose connector R 23



■ Made from technopolymer

■ Max. operating pressure 12 bar at 20 °C

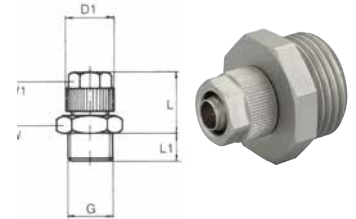
Model	Art. no.	Ø1 (mm)	Ø2 (mm)	F	I	E1	ØE2	L	L1 (mm)
SVG-R23-6x6x6 Y	E015834	6	6	3.3	15	11.3	11.3	35.5	5.8
SVG-R23-8x8x8 Y	E015845	8	8	3.3	15.8	13.8	13.8	39.5	7.2

Straight female connexion A 11

■ With cylindrical external thread

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Hose D/d	G	NW	D1	L	L1 (mm)	SW	SW1
GESV-NI 6-4xG1/8a	E021131	6/4	1/8"	3.3	11.5	18.5	6	13	10
GESV-NI 6-4xG1/4a	E021132	6/4	1/4"	3.3	11.5	19	8	17	10
GESV-NI 6-4xG3/8a	E021133	6/4	3/8"	3.3	11.5	19	9	19	15
GESV-NI 8-6xG1/8a	E021141	8/6	1/8"	5.3	13.5	18.5	6	13	12
GESV-NI 8-6xG1/4a	E021142	8/6	1/4"	5.3	13.5	19	8	17	12
GESV-NI 8-6xG3/8a	E021143	8/6	3/8"	5.3	13.5	19	9	19	12
GESV-NI 8-6xG1/2a	E021144	8/6	1/2"	5.3	13.5	19.5	10	24	12
GESV-NI 10-8xG1/4a	E021152	10/8	1/4"	7	15.5	20.5	8	17	13
GESV-NI 10-8xG3/8a	E021153	10/8	3/8"	7	15.5	20.5	9	19	13
GESV-NI 10-8xG1/2a	E021154	10/8	1/2"	7	15.5	21	10	24	13

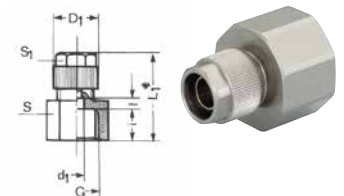


Straight male connexion A 13

■ With internal thread

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Hose D/d	G	NW	D	D1	L	L1 (mm)	SW
GAVS-NI 6-4xG1/8i	E021331	6/4	1/8"	3.3	5.5	11.5	24	8	13
GAVS-NI 6-4xG1/4i	E021332	6/4	1/4"	3.3	5.5	11.5	26.5	10.5	17
GAVS-NI 8-6xG1/8i	E021341	8/6	1/8"	5.3	5.5	13.5	24	8	13
GAVS-NI 8-6xG1/4i	E021342	8/6	1/4"	5.3	5.5	13.5	26.5	10.5	17
GAVS-NI 8-6xG3/8i	E021343	8/6	3/8"	5.3	6.5	13.5	27.5	11.5	19
GAVS-NI 10-8xG1/4i	E021352	10/8	1/4"	7	7	15.5	28	10.5	17

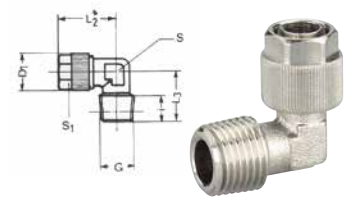


Angular male connector A 14

■ With conical external thread

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Hose D/d	G	NW	D	L	L1 (mm)	L2 (mm)	SW
WEV-NI 6-4xR1/8a	E021431	6/4	1/8"	3.3	11.5	21.5	17	7.5	8
WEV-NI 6-4xR1/4a	E021432	6/4	1/4"	3.3	11.5	22.5	21	11	10
WEV-NI 8-6xR1/8a	E021433	8/6	1/8"	4.6	13.5	21.5	17	7.5	8
WEV-NI 8-6xR1/4a	E021442	8/6	1/4"	5.3	13.5	22.5	21	11	10
WEV-NI 8-6xR3/8a	E021443	8/6	3/8"	5.3	13.5	28.5	25	11.5	13
WEV-NI 10-8xR1/4a	E021452	10/8	1/4"	7	15.5	24	21	11	10
WEV-NI 10-8xR3/8a	E021453	10/8	3/8"	7	15.5	29	25	11.5	13



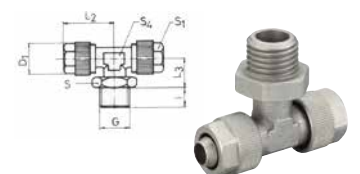
T-male connector A 18

■ With cylindrical external thread

■ Max. operating pressure 12 bar at 20 °C

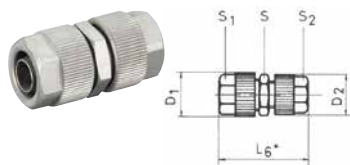
■ Rotatable

Model	Art. no.	Hose D/d	G	NW	D1	D3	L	L1 (mm)	L2 (mm)
TVS-DR 6-4xG1/8ax6-4	E021831	6/4	1/8"	3.3	10	11.5	22.5	16.5	6.0
TVS-DR 6-4xG1/4ax6-4	E021832	6/4	1/4"	3.3	10	11.5	22.5	16.5	8.0
TVS-DR 8-6xG1/4ax8-6	E021842	8/6	1/4"	4.1	12	13.5	22.5	16.5	8.0
TVS-DR 10-8xG1/4ax10-8	E021852	10/8	1/4"	4.1	13	15.5	24	16.5	8.0



Pneumatic series

Straight union A 21

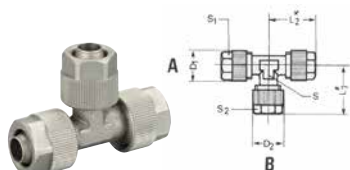


■ 2 hose connections

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Hose A D/d	Hose B D/d	NW	D1	D2	L	SW	SW1
GVS-NI 6-4x6-4	E022133	6/4	6/4	3.3	11.5	11.5	31	12	10
GVS-NI 8-6x6-4	E022143	8/6	6/4	3.3	13.5	11.5	31	12	12
GVS-NI 8-6x8-6	E022144	8/6	8/6	5.3	13.5	13.5	31	12	12
GVS-NI 10-8x10-8	E022155	10/8	10/8	7	15.5	15.5	34.5	14	13

T-union A 23



■ 3 hose connections

■ Max. operating pressure 16 bar at 20 °C

Model	Art. no.	Hose A D/d	Hose B D/d	NW	D1	D2	L	L1 (mm)	SW
TVS-NI 3x6-4	E022333	6/4	6/4	3.3	11.5	11.5	21.5	21.5	8
TVS-NI 3x8-6	E022344	8/6	8/6	5.3	13.5	11.5	21.5	21.5	8
TVS-NI 3x10-8	E022355	10/8	10/8	7	15.5	15.5	24	24	10

Hose rewriter, automatic

- Fully fitted with quick-action coupling and long connection hose with plug nipple, ready to connect
- Flexible use with large swivel range
- Wall mounting

Abrasion-resistant, flexible air hose with antikink spring and hose locking device ✓

Locking function can be deactivated ✓

Plastic housing ✓



Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable length (m)	Weight (kg)
SLA 8-10 A	D312512	15	12	8	10	4
SLA 9 A	D312514	15	12	8	15	7.3
SLA 10 A	D312503	15	14	10	15	8.8
SLA 13-16 A	D312533	15	17.5	12.5	15	10.5

Accessories for hose rewriter, automatic

- More safety by slowing down the rewinding hose

Model	Art. no.	Accessories
BRE-SLA 13-16 A	B312533	for hose rewriter SLA 13-16 A (D312533)



Hose rewriter, automatic

- Fully fitted with quick-action coupling and long connection hose with plug nipple, ready to connect
- Flexible use with large swivel range greater than 180°
- For wall and ceiling mounting

With robust metal housing ✓

With protected quick-action coupling ✓

Abrasion-resistant, flexible air hose with antikink spring and hose locking device ✓



Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable length (m)	Weight (kg)
SLA 8-9	D312516	15	12	8	9	5
SLA 8-15	D312517	15	12	8	15	6

Hose rewriter, manual

- Axial connection - this way the hose can also be wound and unwound during operation
- Flexible PVC hose with fabric inlay

Shock-resistant plastic housing ✓

Large work radius thanks to 20 m hose ✓

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Extendable length (m)	Weight (kg)
SLA 9-20 M	D312532	15	15	9	20	3.9



Workshop equipment

Hose revider, manual



- PUR hose with quick-action coupling and plug-in socket, ready to connect
- The 360° rotary base prevents the roller from tipping over when unrolling
- Extremely robust steel pipe cage provides all-round protection
- Extremely high air flow without practically any drop in pressure thanks to large inner diameter of 10 mm

✓	Swivel joint on the air inlet hose
✓	Retractable crank handle

Model	Art. no.	Max. pressure (bar)	Outer dia. (mm)	Inside dia. (mm)	Length (m)	Weight (kg)
SLA 10	D312540	15	14,5	10	20	7.2

Traction



- For all types of portable devices and tools
- Fully fitted with safety cable, terminal block and snap hook
- High degree of flexibility because the spring tension on the housing can be used to set and adjust the required load capacity

✓	Compact, with robust aluminium housing
✓	Rubber buffer at the end

Model	Art. no.	Carrying power (kg)	Stroke length (m)	Weight (kg)
FZ 0,4-1	D070015	1	1.6	0.63
FZ 1-2	D070016	2	1.6	0.67
FZ 2-3	D070017	3	1.6	0.79
FZ 2-4	D070018	4	2.5	2.85
FZ 4-6	D070019	6	2.5	3
FZ 6-8	D070020	8	2.5	3.1

Traction with hose



- For all types of portable devices and tools up to 2.5 kg in weight
- Fully fitted with safety cable, terminal block and snap hook
- High degree of flexibility because the spring tension on the housing can be used to set and adjust the required load capacity

✓	With PUR hose 6 x 1 mm
✓	Compact, with robust aluminium housing
✓	Rubber buffer at the end

Model	Art. no.	Carrying power (kg)	Stroke length (m)	Weight (kg)	Connection hose (mm)	Connection
FZS 1	D070012	0.8	1.4	1.25	400	2 x R1/4"a
FZS 2	D070013	1.5	1.4	1.3	400	2 x R1/4"a
FZS 3	D070014	2.5	1.4	1.35	400	2 x R1/4"a

Power and air supply unit

- Galvanised suspension chain relieves the connection hose and connection cable
- Electric safety device - the thermal fuse automatically switches off in the event of overheating
- Robust housing - splashproof and dustproof acc. to IP 44

Safety couplings prevent the air hose from ejecting during release	✓
Connection option - every 3 shockproof sockets on front and back	✓



Model	Art. no.	Schuko power outlets 16A/230V (pc.)	Cekon power outlets 16A/400V (pc.)	Compressed air connections	Weight (kg)
EA 6	D100032	6		2	2.9
EA 6/1	D100033	6	1	2	2.9

Connecting & joining technology

User-friendly and safe

For all connections on tools, hoses and machines – from the simple nipple to the more complex safety quick-action coupling.



Steel safety quick-release couplings



- Safe working because the hose is not ejected when disconnected (whiplash effect), DIN EN ISO 4414 and DIN EN 983
- Hardened galvanised steel for an extended service life
- Low coupling force for easy coupling

✓	Eurostandard profile with nominal width of 7.6 for extremely high air flow rate
✓	Max. operating pressure 16 bar
✓	Free of silicone

	Designation	Model	Art. no.
	Safety quick-release couplings with external thread	SSK-NW7,6-EURO-G1/4a	E036911
		SSK-NW7,6-EURO-G3/8a	E036912
		SSK-NW7,6-EURO-G1/2a	E036913
	Safety quick-release couplings with internal thread	SSK-NW7,6-EURO-G1/4i	E036914
		SSK-NW7,6-EURO-G3/8i	E036915
		SSK-NW7,6-EURO-G1/2i	E036916
	Safety quick-release couplings hose nozzle	SSK-NW7,6-EURO-6mm	E036917
		SSK-NW7,6-EURO-9mm	E036918
		SSK-NW7,6-EURO-13mm	E036919

Tip

Only use steel quick-release couplings in conjunction with hardened steel plug nipples

Steel quick-release couplings with external thread

- Hardened galvanised steel for an extended service life
- Low coupling force for easy coupling

Eurostandard profile with nominal width of 7.6 for extremely high air flow rate	✓
Max. operating pressure 16 bar	✓
Free of silicone	✓



Model	Art. no.	Designation	
SK-FE-NW7,6-EURO-G1/4a	E033401	Quick-release couplings with external thread	
SK-FE-NW7,6-EURO-G3/8a	E033402		
SK-FE-NW7,6-EURO-G1/2a	E033403		
SK-FE-NW7,6-EURO-G1/4i	E033404		
SK-FE-NW7,6-EURO-G3/8i	E033405	Quick-release couplings with internal thread	
SK-FE-NW7,6-EURO-G1/2i	E033406		
SK-FE-NW7,6-EURO-6mm	E033407		
SK-FE-NW7,6-EURO-9mm	E033408	Quick-release couplings with hose nozzle	
SK-FE-NW7,6-EURO-13mm	E033409		

Tip

Only use steel quick-release couplings in conjunction with hardened steel plug nipples

Steel plug nipple

- Specially designed for use with steel quick-release couplings (SK and SSK)
- Hardened galvanised steel for an extended service life

Eurostandard profile with nominal width of 7.6 for extremely high air flow rate	✓
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Model	Art. no.	Designation	
STNP-FE-NW7,6-EURO-G1/4a	E033241	Steel plug nipple with external thread	
STNP-FE-NW7,6-EURO-G3/8a	E033242		
STNP-FE-NW7,6-EURO-G1/2a	E033243		
STNP-FE-NW7,6-EURO-G1/4i	E033244	Steel plug nipple with internal thread	
STNP-FE-NW7,6-EURO-G3/8i	E033245		
STNP-FE-NW7,6-EURO-G1/2i	E033246		
STNP-FE-NW7,6-EURO-6mm	E033247	Steel plug nipple with hose nozzle	
STNP-FE-NW7,6-EURO-9mm	E033248		
STNP-FE-NW7,6-EURO-13mm	E033249		

Plug nipple

- Prevents twisting of the air hose when working
- Rotatable

Model	Art. no.	Connection
STNP-R1/4a	E700220	R 1/4"a



Connecting and joining technology

Brass quick-release couplings and plug nipples








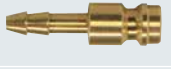

✓	European standard profile
✓	NW 7.2
✓	Material: Brass

	Designation	Model	Art. no.
	Quick-release couplings with external thread	SK-NW7,2-G1/4a	E700001
		SK-NW7,2-G3/8a	E700002
		SK-NW7,2-G1/2a	E700003
	Quick-release couplings with internal thread	SK-NW7,2-G1/4i	E700004
		SK-NW7,2-G3/8i	E700005
		SK-NW7,2-G1/2i	E700006
	Quick-release couplings with hose nozzle	SK-NW7,2-6mm	E700007
		SK-NW7,2-9mm	E700008
		SK-NW7,2-13mm	E700209
	Quick-release couplings for PVC hose	SK-NW7,2-8x6mm	E031143
		SK-NW7,2-12x9mm	E031145
	Quick-release couplings for PVC hose, with antikink spring	SK-NW7,2-8x6mm-KF	E031153
		SK-NW7,2-12x9mm-KF	E031155
	Distributor with quick-release couplings	VT 2 G3/8i-2xSK	E700120
		VT 3 G3/8i-3xSK	E700121
	Plug nipple with external thread	STNP-MS-NW7,2-G1/8a	E031201
		STNP-MS-NW7,2-G1/4a	E700213
		STNP-MS-NW7,2-G3/8a	E700214
		STNP-MS-NW7,2-G1/2a	E700215
	Plug nipple with internal thread	STNP-MS-NW7,2-G1/8i	E031231
		STNP-MS-NW7,2-G1/4i	E700216
		STNP-MS-NW7,2-G3/8i	E700217
		STNP-MS-NW7,2-G1/2i	E700218
	Plug nipple with hose nozzle	STNP-MS-NW 7,2-4mm	E031360
		STNP-MS-NW7,2-6mm	E700010
		STNP-MS-NW7,2-9mm	E700011
	Plug nipple with hose nozzle for PVC hose	STNP-MS-NW7,2-13mm	E700212
		STTL-K 4mm	E031342
		STTL-K 6mm	E031343
		STTL-K 9mm	E031345
	Plug nipple for PVC hose, with antikink spring	STTL-KF 6mm	E031353
		STTL-KF 9mm	E031355

Coupling system Mini

Mini profile, N 5	✓
Material: Brass	✓



Model	Art. no.	Designation	
SK-NW5-G1/8a-mini	E032101	Mini quick-action coupling with external thread	
SK-NW5-G1/4a-mini	E032102		
SK-NW5-G1/8i-mini	E032131	Mini quick-action coupling with internal thread	
SK-NW5-G1/4i-mini	E032132		
SK-NW5-4mm-mini	E032160	Mini quick-action coupling with hose nozzle	
SK-NW5-6mm-mini	E032161		
SK-NW5-9mm-mini	E032162		
SK-NW5-6x4mm-mini	E032142		
SK-NW5-8x6mm-mini	E032143	Mini quick-action coupling for PVC hose	
STNP-MS-NW5-G1/8a-mini	E032201	Mini plug nipple with external thread	
STNP-MS-NW5-G1/4a-mini	E032202		
STNP-MS-NW5-G1/8i-mini	E032231	Mini plug nipple with internal thread	
STNP-MS-NW5-G1/4i-mini	E032232		
STTL-4mm-mini	E032360	Mini plug nipple with hose nozzle	
STTL-6mm-mini	E032361		
STTL-9mm-mini	E032362		
STTL-6x4mm-mini	E032342	Mini plug nipple for PVC hose	
STTL-8x6mm-mini	E032343		

Connecting and joining technology

ARO/Orion coupling system



✓	AERO/Orion profile, N 5.5
✓	Used predominantly in BeNeLux countries, North America, Switzerland

	Designation	Model	Art. no.
	Quick-release couplings with external thread	SK-NW5,5-ARO-G1/4a	E032701
		SK-NW5,5-ARO-G1/2a	E032703
	Quick-release couplings with internal thread	SK-NW5,5-ARO-G1/4i	E032704
		SK-NW5,5-ARO-G1/2i	E032706
	Quick-release couplings with hose nozzle	SK-NW5,5-ARO-9mm	E032708
	Plug nipple with external thread	STNP-NW5,5-ARO-G1/4a	E032721
		STNP-NW5,5-ARO-G1/2a	E032723
	Plug nipple with internal thread	STNP-NW5,5-ARO-G1/4i	E032724
		STNP-NW5,5-ARO-G1/2i	E032726
	Plug nipple with hose nozzle	STNP-NW5,5-ARO-9mm	E032728

ISO coupling system



✓	ISO profile, N 5.5
✓	Used predominantly in France, Spain, North America, Norway

	Designation	Model	Art. no.
	Quick-release couplings with external thread	SK-NW5,5-ISO-G1/4a	E032811
		SK-NW5,5-ISO-G1/2a	E032813
	Quick-release couplings with internal thread	SK-NW5,5-ISO-G1/4i	E032814
		SK-NW5,5-ISO-G1/2i	E032816
	Quick-release couplings with hose nozzle	SK-NW5,5-ISO-9mm	E032818
	Plug nipple with external thread	STNP-NW5,5-ISO-R1/4a	E032821
		STNP-NW5,5-ISO-R1/2a	E032823
	Plug nipple with internal thread	STNP-NW5,5-ISO-G1/4i	E032824
		STNP-NW5,5-ISO-G1/2i	E032826
	Plug nipple with hose nozzle	STNP-NW5,5-ISO-9mm	E032828

Hoze nozzles



✓	European standard profile
✓	Material: Brass

Model	Art. no.	Designation	
STL-G1/8a x 4mm	E770022	Hose nozzle with external thread	
STL-G1/8a x 6mm	E770023		
STL-G1/4a x 4mm	E770024		
STL-G1/4a x 6mm	E770225		
STL-G1/4a x 9mm	E770226		
STL-G3/8a x 6mm	E770227		
STL-G3/8a x 9mm	E770228		
STL-G3/8a x 13mm	E770229		
STL-G1/2a x 6mm	E770230		
STL-G1/2a x 9mm	E770231		
STL-G1/2a x 13mm	E770232		
STL-G3/4a x 13mm	E770033		
STL-G3/4a x 19mm	E770034		
STL-G1/4i x 6mm	E770235	Hose nozzle with internal thread	
STL-G1/4i x 9mm	E770236		
STL-G3/8i x 6mm	E770237		
STL-G3/8i x 9mm	E770238		
STL-G1/2i x 9mm	E770241		
STL-G1/2i x 13mm	E770242	Hose coupling	
SLVR 4mm	E770049		
SLVR 6mm	E770250		
SLVR 9mm	E770251		
SLVR 13mm	E770052		

Hose clamps

Model	Art. no.
SLK 11-13mm	E770210
SLK 13-15mm	E770211
SLK 15-18mm	E770212

- Steel
- Galvanised and polished with 2 profiled lugs
- Range: 7 mm



Screw clamps


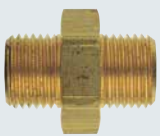
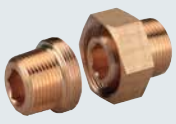



Model	Art. no.
SRK 8-12mm	E131012
SRK 10-16mm	E770215
SRK 12-20mm	E770216
SRK 16-25mm	E770217
SRK 20-32mm	E770218
SRK 25-40mm	E131040
SRK 32-50mm	E131050

- Steel, polished and galvanised
- Range: 9 mm
- Screw thread with Phillips screw AF 7 mm






Connecting and joining technology

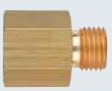



Double nipple

	Designation	Model	Art. no.	Material	Thread
		DN-St-G1/4a x G1/4a	E770256	Galvanised steel	With internal cone
		DN-St-G3/8a x G3/8a	E770258	Galvanised steel	With internal cone
		DN-St-G1/2a x G1/2a	E770260	Galvanised steel	With internal cone
		DN-St-G1/4a x G1/8a	E770255	Galvanised steel	With internal cone
		DN-St-G3/8a x G1/4a	E770257	Galvanised steel	With internal cone
		DN-St-G1/2a x G1/4a	E770288	Galvanised steel	With internal cone
		DN-St-G1/2a x G3/8a	E770259	Galvanised steel	With internal cone
		DN-MS-G1/8a x G1/8a	E030111	Brass	With internal cone
		DN-MS-G1/4a x G1/4a	E030122	Brass	With internal cone
		DN-MS-G3/8a x G3/8a	E030133	Brass	With internal cone
		DN-MS-G1/2a x G1/2a	E030144	Brass	With internal cone
		DN-MS-G3/4a x G3/4a	E030155	Brass	With internal cone
		DN-MS-G1a x G1a	E030166	Brass	With internal cone
		DN-MS-G1/8a x G1/4a	E030112	Brass	With internal cone
		DN-MS-G1/8a x G3/8a	E030113	Brass	With internal cone
		DN-MS-G1/4a x G3/8a	E030123	Brass	With internal cone
		DN-MS-G1/4a x G1/2a	E030124	Brass	With internal cone
		DN-MS-G3/8a x G1/2a	E030134	Brass	With internal cone
		DN-MS-G3/8a x G3/4a	E030135	Brass	With internal cone
		DN-MS-G1/2a x G3/4a	E030145	Brass	With internal cone
		DN-MS-G1/2a x G1a	E030146	Brass	With internal cone
		DN-MS-G3/4a x G1a	E030156	Brass	With internal cone
		DN-MS-R1/4a x R1/4a	E030022	Brass	With conical thread
		DN-MS-R3/8a x R3/8a	E030033	Brass	With conical thread
		DN-MS-R1/2a x R1/2a	E030044	Brass	With conical thread
		DN-MS-R3/4a x R3/4a	E030045	Brass	With conical thread
			Double nipple	DNL-MS-R1/8a x R1/8a	E030048
DNL-MS-R1/8a x R1/4a	E030049			Brass	Conical seal, detachable
DNL-MS-R1/4a x R1/4a	E030052			Brass	Conical seal, detachable
DNL-MS-R1/4a x R3/8a	E030053			Brass	Conical seal, detachable
DNL-MS-R3/8a x R3/8a	E030054			Brass	Conical seal, detachable
DNL-MS-R1/2a x R1/2a	E030055			Brass	Conical seal, detachable
DNL-MS-R3/4a x R3/4a	E030056			Brass	Conical seal, detachable
DNL-MS-R1a x R1a	E030057			Brass	Conical seal, detachable
DNL-G1 1/2i x G1 1/2i	E030059			Brass	Conical seal, detachable
DNL-G2i x G2i	E030061			Brass	Conical seal, detachable
		DNL-G1 1/4i x G1 1/4i	E030062	Brass	Conical seal, detachable
		DN-NI-G1/8a x G1/8a	E041111	Nickel-plated brass	With cylindrical external thread
		DN-NI-G1/4a x G1/4a	E041122	Nickel-plated brass	With cylindrical external thread
		DN-NI-G3/8a x G3/8a	E041133	Nickel-plated brass	With cylindrical external thread
		DN-NI-G1/2a x G1/2a	E041144	Nickel-plated brass	With cylindrical external thread
		DN-NI-G1/8a x G1/4a	E041112	Nickel-plated brass	With cylindrical external thread
		DN-NI-G1/4a x G3/8a	E041123	Nickel-plated brass	With cylindrical external thread
		DN-NI-G1/4a x G1/2a	E041124	Nickel-plated brass	With cylindrical external thread
		DN-NI-G3/8a x G1/2a	E041134	Nickel-plated brass	With cylindrical external thread
		DN-G1 1/2a x G1 1/2a	E030000	Brass	With internal cone on one side
		DN-G1 1/4a x G1 1/2a	E030002	Brass	With internal cone on one side
		DN-G1 1/2a x G2a	E030003	Brass	With internal cone on one side
		DN-G1 1/4a x G1 1/4a	E030004	Brass	With internal cone on one side
		DN-G1 1/2a x G2a	E030001	Brass	Without internal cone
		DN-G1a x G1 1/2a	E030006	Brass	Without internal cone
		DN-G2a x G2a	E030060	Brass	Without internal cone

Reduction fittings




Model	Art. no.	Material	Thread	Designation		
RDS-G1/4a x G1/8i	E770265	Brass	With external and internal thread	Reduction fitting		
RDS-G3/8a x G1/8i	E770061	Brass	With external and internal thread			
RDS-G3/8a x G1/4i	E770266	Brass	With external and internal thread			
RDS-G1/2a x G1/8i	E770062	Brass	With external and internal thread			
RDS-G1/2a x G1/4i	E770063	Brass	With external and internal thread			
RDS-G1/2a x G3/8i	E770267	Brass	With external and internal thread			
RDS-G3/4a x G3/8i	E770064	Brass	With external and internal thread			
RDS-G3/4a x G1/2i	E770077	Brass	With external and internal thread			
RDS-G1a x G1/2i	E770078	Brass	With external and internal thread			
RDS-G1a x G3/4i	E770079	Brass	With external and internal thread			
RDS-G1 1/4a x G1/2i	E770095	Brass	With external and internal thread			
RDS-G1 1/4a x G3/4i	E770096	Brass	With external and internal thread			
RDS-G1 1/2a x G1i	E770093	Brass	With external and internal thread			
RDS-G2a x G1i	E770094	Brass	With external and internal thread			
RDS-R1/4a x G1/8i	E041221	Nickel-plated brass	Conical external thread, cylindrical internal thread			
RDS-R3/8a x G1/4i	E041232	Nickel-plated brass	Conical external thread, cylindrical internal thread			
RDS-R1/2a x G3/8i	E041243	Nickel-plated brass	Conical external thread, cylindrical internal thread			
RDS-R3/4a x G1/2i	E041254	Nickel-plated brass	Conical external thread, cylindrical internal thread			
RDS-G2a x G1 1/2i	E770119	Brass	Cylindrical external and internal thread, short version			
RDS-G1 1/2a x G1 1/4i	E770120	Brass	Cylindrical external and internal thread, short version			
RDS-G1 1/4a x G1i	E770121	Brass	Cylindrical external and internal thread, short version			
RDS-G2a x G1 1/4i	E770122	Brass	Cylindrical external and internal thread, short version			
RDS-G1 1/2a x G3/4i	E770123	Brass	Cylindrical external and internal thread, short version			
RDS-G2a x G3/4i	E770124	Brass	Cylindrical external and internal thread, short version			

Reducing nipple





Model	Art. no.	Material	Thread	Designation	
RDN-G1/8a x G1/8i	E770080	Brass	With external and internal thread	Reducing nipple	
RDN-G1/8a x G1/4i	E770081	Brass	With external and internal thread		
RDN-G1/4a x G1/8i	E770082	Brass	With external and internal thread		
RDN-G1/4a x G1/4i	E770083	Brass	With external and internal thread		
RDN-G1/4a x G3/8i	E770268	Brass	With external and internal thread		
RDN-G3/8a x G1/4i	E770084	Brass	With external and internal thread		
RDN-G3/8a x G3/8i	E770085	Brass	With external and internal thread		
RDN-G3/8a x G1/2i	E770269	Brass	With external and internal thread		
RDN-G1/2a x G3/8i	E770086	Brass	With external and internal thread		
RDN-G1/2a x G1/2i	E770087	Brass	With external and internal thread		
RDN-G1/2a x G3/4i	E770275	Brass	With external and internal thread		
RDN-G1/4a x G1/8i Z	E041312	Nickel-plated brass	With internal hexagonal bolt, cylindrical external thread		
RDN-G1/4a x G3/8i Z	E041323	Nickel-plated brass	With internal hexagonal bolt, cylindrical external thread		
RDN-G1/2a x G3/8i Z	E041334	Nickel-plated brass	With internal hexagonal bolt, cylindrical external thread		
RDN R 3/4a x G 1/2i	E770099	Gunmetal	With external and internal thread	Reducing nipple	
RDN R1a x G1/2i	E770100	Brass	With external and internal thread		
RDN R1a x Rp3/4i	E770376	Gunmetal	With external and internal thread		
RDN R1 1/4a x Rp3/4i	E770103	Gunmetal	With external and internal thread	Rotating nipple	
DRN-G1/8a x G1/8i	E023411	Nickel-plated brass	With external and internal thread, rotary		
DRN-G1/4a x G1/4i	E023422	Nickel-plated brass	With external and internal thread, rotary		
DRN-G3/8a x G3/8i	E023433	Nickel-plated brass	With external and internal thread, rotary	Reducing nipple	
RDN-G1 1/4a x G1 1/2i	E770276	Brass	Cylindrical external and internal thread, short version		
RDN-G1a x G1 1/4i	E770277	Brass	Cylindrical external and internal thread, short version		
RDN-G3/4a x G1i	E770278	Brass	Cylindrical external and internal thread, short version		

Connecting and joining technology

Sleeves

	Designation	Model	Art. no.	Material
	Muffe	MU-MS-G1/8i	E770076	Brass
		MU-MS-G1/4i	E770270	Brass
		MU-MS-G3/8i	E770271	Brass
		MU-MS-G1/2i	E770272	Brass
		MU-MS-G3/4i	E770073	Brass
		MU-MS-G1i	E770074	Brass
		MU-NI-G1/8i	E041411	Nickel-plated brass
		MU-NI-G1/4i	E041422	Nickel-plated brass
		MU-NI-G3/8i	E041433	Nickel-plated brass
		MU-NI-G1/2i	E041444	Nickel-plated brass
		MU-G2i	E770273	Brass
		MU-G1 1/2i	E770274	Brass
	MU-G1 1/4i	E770279	Brass	

Locking screws

	Designation	Model	Art. no.	Material	Thread
	Verschlusschraube	VSS-ST-I-R1/2a	G205208	Steel	With internal hexagonal bolt, conical external thread, knurled thread
		VSS-ST-I-R3/4a	G205216	Steel	With internal hexagonal bolt, conical external thread, knurled thread
		VSS-MS-I-R1/8a	E030501	Brass	With internal hexagonal bolt, conical external thread, knurled thread
		VSS-MS-I-R1/4a	E030502	Brass	With internal hexagonal bolt, conical external thread, knurled thread
		VSS-MS-I-R3/8a	E030503	Brass	With internal hexagonal bolt, conical external thread, knurled thread
		VSS-MS-I-B-G1/8a	E030510	Brass	With internal hexagonal bolt, cylindrical external thread
		VSS-MS-I-B-G1/4a	E030520	Brass	With internal hexagonal bolt, cylindrical external thread
		VSS-MS-I-B-G3/8a	E030530	Brass	With internal hexagonal bolt, cylindrical external thread
		VSS-MS-I-B-G1/2a	E030540	Brass	With internal hexagonal bolt, cylindrical external thread
		VSS-MS-I-B-G3/4a	E030550	Brass	With internal hexagonal bolt, cylindrical external thread
		VSS-NI-AS-G1/8a	E041510	Nickel-plated brass	Hexagonal bolt
		VSS-NI-AS-G1/4a	E041520	Nickel-plated brass	Hexagonal bolt
		VSS-NI-AS-G3/8a	E041530	Nickel-plated brass	Hexagonal bolt
		VSS-NI-AS-G1/2a	E041540	Nickel-plated brass	Hexagonal bolt

Angle pieces



Model	Art. no.	Material	Thread	Designation	
WKS-MS 90-2xR1/8a	E030611	Brass	2 external threads	Angle piece	
WKS-MS 90-2xR1/4a	E030622	Brass	2 external threads		
WKS-MS 90-2xR3/8a	E030633	Brass	2 external threads		
WKS-MS 90-2xR1/2a	E030644	Brass	2 external threads		
WKS-W90 2x G 1/4i MS	E039137	Brass	2 internal threads		
WKS-W90 2x G 3/8i MS	E039139	Brass	2 internal threads		
WKS-W90 2x G 1/2i MS	E039141	Brass	2 internal threads		
WKS-W90 2x G 3/4i MS	E039143	Brass	2 internal threads		
WKS-W90 2x G1i MS	E039145	Brass	2 internal threads		
WKS-W90 2x G1 1/4i MS	E039147	Brass	2 internal threads		
WKS-W90 2x G1 1/2i MS	E039149	Brass	2 internal threads		
WKS-W90-R1/8axG1/8i	E041611	Nickel-plated brass	With external and internal thread		
WKS-W90-R1/4axG1/4i	E041622	Nickel-plated brass	With external and internal thread		
WKS-W90-G3/8axR3/8i	E041633	Nickel-plated brass	With external and internal thread		
WKS-W90-R1/2axG1/2i	E041644	Nickel-plated brass	With external and internal thread		
WKS-W90-R3/4axG3/4i	E041655	Nickel-plated brass	With external and internal thread		
WKS-W90-NI 2xG1/8i	E041711	Nickel-plated brass	2 internal threads		
WKS-W90-NI 2xG1/4i	E041722	Nickel-plated brass	2 internal threads		
WKS-W90-NI 2xG3/8i	E041733	Nickel-plated brass	2 internal threads		
WKS-W90-NI 2xG1/2i	E041744	Nickel-plated brass	2 internal threads		
WKS-W90-R1a x G1i	E041677	Brass	With external and internal thread		
WKS-W90-G1 1/4a xG1 1/4i	E041688	Brass	With external and internal thread		
WKS-W90-G1 1/2a xG1 1/2i	E041699	Brass	With external and internal thread		
WKS-W45 2xG1i MS	E828356	Brass	2 internal threads		
WKS-W45 2x R1 1/4i MS	E835356	Brass	2 internal threads		
WKS-W45 2x R1 1/2i MS	E842356	Brass	2 internal threads		

T-pieces


Model	Art. no.	Material	Thread	Designation	
TSK-MS 90-3xR1/4a	E030822	Brass	3 external threads	T-piece	
TSK-MS 90-3xR3/8a	E030833	Brass	3 external threads		
TSK-MS 90-3xR1/2a	E030844	Brass	3 external threads		
TSK-MS 90-3xG1/8i	E039008	Brass	3 internal threads		
TSK-MS 90-3xG1/4i	E039010	Brass	3 internal threads		
TSK-MS 90-3xG3/8i	E039012	Brass	3 internal threads		
TSK-MS 90-3xG1/2i	E039014	Brass	3 internal threads		
TSK-MS 90-3xG3/4i	E039016	Brass	3 internal threads		
TSK-MS 90-3xG1i	E039018	Brass	3 internal threads		
TSK-NI 90-3xR1/4a	E041822	Nickel-plated brass	3 external threads		
TSK-NI 90-3xR3/8a	E041833	Nickel-plated brass	3 external threads		
TSK-NI 90-3xR1/2a	E041844	Nickel-plated brass	3 external threads		
TSK-NI 3xG1/4i	E042122	Nickel-plated brass	3 internal threads		
TSK-NI 3xG3/8i	E042133	Nickel-plated brass	3 internal threads		
TSK-NI 3xG1/2i	E042144	Nickel-plated brass	3 internal threads		
TSK-MS 1xR1/4a-2xG1/4i	E041922	Nickel-plated brass	1 external, 2 internal threads		
TSK-MS 1xR3/8a-2xG3/8i	E041933	Nickel-plated brass	1 external, 2 internal threads		
TSK-MS 1xR1/2a-2xG1/2i	E041944	Nickel-plated brass	1 external, 2 internal threads		

Connecting and joining technology

Y-pieces

	Designation	Model	Art. no.	Material	Thread
	Distributors	VT 2 3xG3/8i	E035833	Brass	3 internal threads
		VT 2 3xG1/2i	E035834	Brass	3 internal threads
VT 3 4xG3/8i		E035733	Brass	4 internal threads	
VT 3 4xG1/2i		E035734	Brass	4 internal threads	
	Y-piece	YS-NI 3xG1/4i	E042592	Nickel-plated brass	3 internal threads
		YS-NI 3xG3/8i	E042593	Nickel-plated brass	3 internal threads
YS-NI 3xG1/2i		E042594	Nickel-plated brass	3 internal threads	
YS-NI 1xR1/4a-2xG1/4i		E042222	Nickel-plated brass	1 external, 2 internal threads	
YS-NI 1xR3/8a-2xG3/8i		E042233	Nickel-plated brass	1 external, 2 internal threads	
YS-NI 1xR1/2a-2xG1/2i		E042244	Nickel-plated brass	1 external, 2 internal threads	

Cross pieces

	Designation	Model	Art. no.	Material	Thread
	Cross piece	KZS-Alu 4 x G1/8i	E023311	Aluminium	4 internal threads
		KZS-Alu 4 x G1/4i	E023322	Aluminium	4 internal threads
		VRB-Alu 4 x G3/8i	E023333	Aluminium	4 internal threads
		KZS-Alu 4 x G1/2i	E023344	Aluminium	4 internal threads
		KZS-NI R1/4a-3xG1/4i	E042322	Nickel-plated brass	3 internal threads, 1 external thread

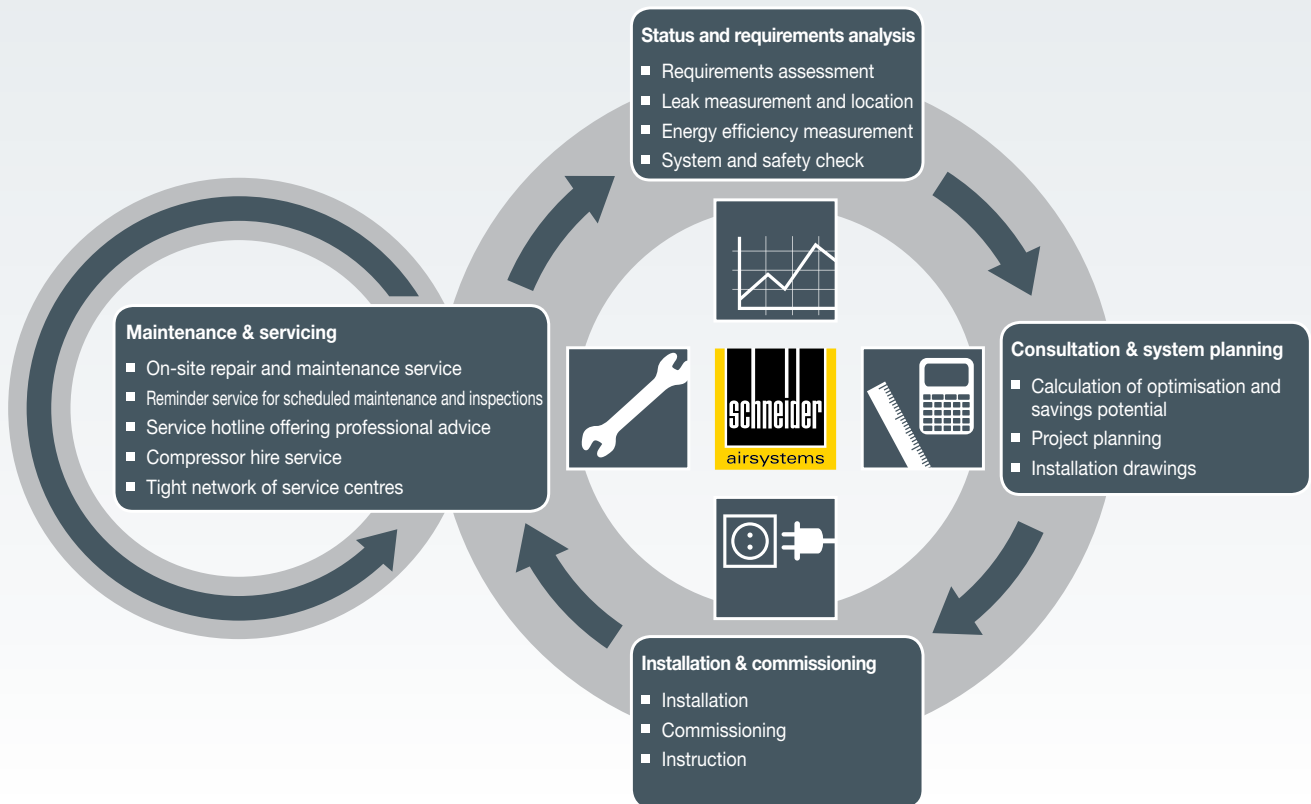
The partner by your side:

Our service offer

Optional services for your system

In cooperation with our 60 service partners we offer professional all-round support for your compressed air system. The concept is simple and clearly defined: All customers have the option of choosing the services they require from an extensive service portfolio.

These services can be divided into four phases: inventory and requirements analysis, consultation and system planning, installation and commissioning, maintenance and servicing.



Designing your compressed air system – Call the professionals!

We would be glad to help you design your compressed air system and determine the required air flow rate, the most suitable air quality for your application and pressure requirements with consideration for the long-term future development of your company. We will then recommend the most suitable compressor based on your requirements. For further information please contact your dealer or our sales representatives.



Utilizing compressed air

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Which is the right compressor for the job?

		Air re- quirement [l/s]	Average air con- sumption [l/min]	Minimum power [kW]*	Air quality	
					oiled	oil-free
Blowing guns						
D740015	AP-BM-SN		78	0.55		x
D740017	AP-BM-T9		78	0.55		x
D740020	AP-RS		180	1.10		x
D740021	AP-RSV 100		324	1.80		x
D740035	AP-SOFT		192	1.10		x
D740115	AP-BM-SNV100		180	1.10		x
D740140	AP-VARIO-S		162	1.10		x
D740141	AP-VARIO-L		222	1.10		x
D740142	AP-VARIO-F		348	1.80		x
D740143	AP-VARIO-V		222	1.10		x
D740144	AP-VARIO-P		222	1.10		x
D740145	AP-BM-S		234	1.50		x
D740148	AP-VARIO-L-500		380	1.10		x
Impact screwdrivers						
D322801	SGS 360-3/8"	5	100	1.50	x	
D322810	SGS 440-1/2"	5,3	106	1.50	x	
D322815	SGS 430-1/2"	5	100	1.50	x	
D327610	SGS 610-1/2"	6	120	1.80	x	
D322816	SGS 850-1/2"	8,2	164	1.80	x	
D322817	SGS 850 D-1/2"	8,2	164	1.80	x	
D322819	SGS 1100-1/2"	9,2	184	1.80	x	
D322820	SGS-Set 1/2" Base	6	120	1.80	x	
D322831	SGS 1700-3/4"	9,1	182	2.20	x	
D322841	SGS 2000-1"	9,1	182	2.20	x	
D322842	SGS 2700-1"	24	660	3.00	x	
Ratchet screwdrivers						
D322860	RAS-Set 1/2" Base	5	100	1.50	x	
D322861	RAS 41-1/4"	5	100	1.50	x	
D322862	RAS 41-3/8"	5	100	1.50	x	
D322863	RAS 68-1/2"	6	120	1.80	x	
D322864	RAS 122 SW-1/2"	6	120	1.80	x	
Tyre inflators						
D004009	RF-RMG			0.55		x
D004011	RF-RMG-K			0.55		x
D004017	RF-RM „geeicht“			0.55		x
D004021	RF 12 MG			0.55		x
D004026	RF 12 MG 2,5			0.55		x
D004027	RF 12 DVG 0,8			0.55		x
D040011	RF-RM			0.55		x
Rotary screwdrivers						
D322676	DRS 1800	4.6	184	1.80	x	
D322677	DRS 1000	4.6	184	1.80	x	
D322678	DRS 140 SYS	7	280	2.20	x	
D322680	DRS 1800-8	8	320	2.20	x	
D322681	DRS 1800-8 P	8	320	2.20	x	
Drills						
D322690	BM 2000-10mm	8	320	2.20	x	
D322691	BM 800-13mm	8	320	2.20	x	
D322692	BM-W 1400-10mm	6	240	2.20	x	
Grinding machines						
D322720	ES 150-5	6.9	416	4.00	x	
D322721	ES 150-2,5	6.9	416	4.00	x	
D322740	BDS 330-10	6.7	402	4.00	x	
D322752	SBS-Set-Base	5	300	2.20	x	
D322753	SDS 220-6mm	4	240	2.20	x	
D322754	SBS 220-6mm L	4	240	2.20	x	
D322755	SBS-W 220-6mm	4	240	2.20	x	
D322770	WSL 125	11	440	4.00	x	
D322771	LH-WSL 100	14	400	4.00	x	
D322659	SBS 700 SYS	3	180	2.20	x	

		Air re- quirement [l/s]	Average air con- sumption [l/min]	Minimum power [kW]*	Air quality	
					oiled	oil-free
Saws						
D322322	KS 10	4	200	1.80		x
Riveting tongs						
D322311	NZ-SYS		1.1 l per stroke	0.55		x
Staplers/nail guns						
D200091	KLG 80-16	0.3 l per impact		0.55		x
D200092	KLG 90-25	0.8 l per impact		0.55		x
D200094	KLG 114-65	1.3 l per impact		0.55		x
D200098	KLG 90-40 SYS	0.8 l per impact		0.55		x
D300046	KNG 40/50 SYS	1.1 l per impact		0.55		x
D300067	SNG-SK 50 SYS	1.1 l per impact		0.55		x
D300068	PNG-PN 25 SYS	0.3 l per impact		0.55		x
D300071	RNG-RN 90	2.9 l per impact		1.80		x
Grease gun						
D040025	FP-M	0.6 l per stroke		0.55		x
D040026	FP-A	0.6 l per stroke		0.55		x
Cartridge guns						
D040118	KTP 310 DR		60	0.55		x
D040130	SIP 600		100	0.55		x
D040137	KTP 310		100	0.55		x
D040138	KTP 310 ALU		100	0.55		x
Needle descalers						
D322416	NP 12-5000	3	150	1.80		x
D322417	NP 19-3700	3	150	1.80		x
D322418	NP 28-3500	4,8	240	2.20		x
Blasting devices						
D030025	SSP-SAV	4.7	282	3.00		x
D030030	SSP-Strahlfix	2.5	150	2.20		x
D030263	SSP-Strahlfix staubfrei	2.5	120	1.80		x
D030034	SSP-DSP	5	300	3.00		x
D030262	SSP-SAW 4 SYS	5.3	318	4.00		x
Chisel hammers						
D322430	MLH-Set-Base	4	180	1.80		x
D322431	MLH 5000/41-10	9.9	446	2.20		x
D322432	MLH 3000/56-10	10.7	482	2.20		x
D322433	MLH 3000/45-12	10.8	486	3.00		x
D322434	MLH 2500/76-10	9.5	428	2.20		x
Paint spray guns						
D030059	FSP-OPTIMAL 2001-1,5	2.0	120	2.20		x
D030194	FSP-FP 2001 M-MA	3.3	200	2.20		x
D030206	FSP-AZ 2	2.2	130	1.80		x
D030212	FSP-FP-HTE2 S	3.1	184	3,00		x
D030213	FSP-FP-HTE2 MA	3.1	184	3.00		x
D030290	FSP-MINI-VARIO 2	1.3	80	1.50		x
D030305	FSP-FP-HTE2 WB	3.3	200	3.00		x
D030310	FSP-FP-HTE2-1,5	3.3	200	3.00		x
D030311	FSP-FP-HTE2-1,3	3.3	200	3.00		x
D030312	FSP-FP-HTE2-1,8	3.3	200	3.00		x
Plaster sprayers						
D030063	TSP	3.8	225	3.00		x
D900514	SPR 330-6,5	5	300	4.00		x
D900521	SPR 215-6,5	5	300	4.00		x
D900529	SPR 215-8,5	5	300	4.00		x
Spray guns						
D040006	SPP-SE	0.8	50	1.10		x
D040008	SPP-SM	2	120	1.50		x
D040052	UHW 2000	2	120	1.50		x
D900512	SPL 750			1.50		x

* The overview does **not** include the simultaneous use of tools.

An overview of our blowing guns

	D740020	D740015 D740017	D740145	D740021	D7400115	D740144	D740143	D740140	D740141 D740148	D740142	D740035
	AP-RS	AP-BM-SN AP-BM-T9	AP-BM-S	AP-RSV 100	AP-BM- SNV100	AP-Vario-P	AP-Vario-V	AP-Vario-S	AP-Vario-L, AP-Vario-L- 500	AP-Vario-F	AP-Soft
Application options											
General blowing out work	++	++	++		++	++	+				
Small openings / recesses				++	++			+	++		
Noise-sensitive environment			++					++			
Sensitive surfaces						++					++
Locations with limited access				++	++	++	+	+	++		++
Large surfaces		+					++			++	
Drying							+			++	

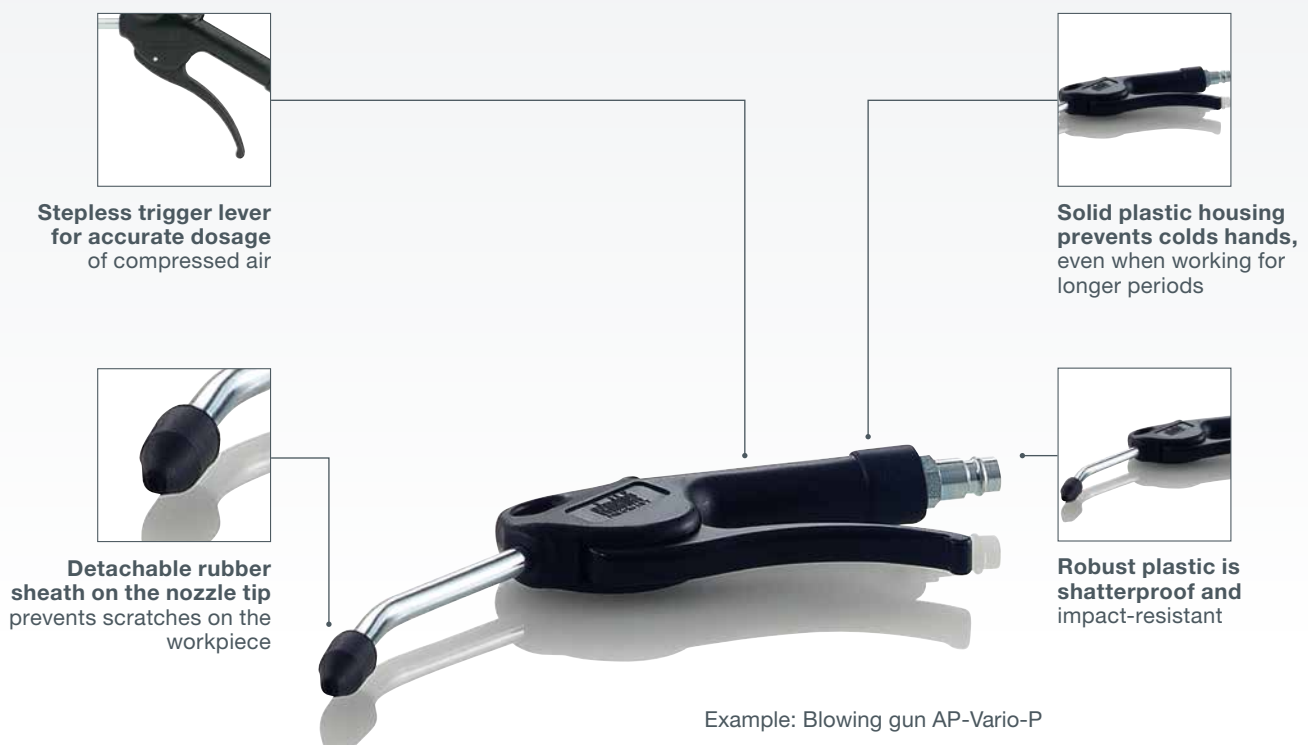
++ very well suited + well suited

Blowing guns model overview

Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Page in the catalogue
AP-RS	D740020	180	4-6	170
AP-BM-SN	D740015	78	4-6	170
AP-BM-T9	D740017	78	4-6	170
AP-BM-S	D740145	234	4-6	170
AP-RSV 100	D740021	324	4-6	170
AP-BM-SNV100	D740115	180	4-6	170
AP-Vario-P	D740144	222	4-6	171
AP-Vario-V	D740143	222	4-6	171
AP-Vario-S	D740140	162	4-6	171
AP-Vario-L	D740141	222	4-6	171
AP-Vario-L-500	D740148	380	8	171
AP-Vario-F	D740142	348	4-6	171
AP-Soft	D740035	192	4-6	171

Blowing guns

Extremely versatile –
the right blowing gun for every application



Our diverse portfolio of different blowing guns offers the right solution for every requirement – from the classic version with a metal alloy or solid plastic housing to the version with silent nozzle or fan jet nozzle and the blowing gun with 500 mm blast pipe for reaching places with limited access.

Blowing guns

Blowing guns with alloy housing

- Robust, impact-resistant light metal for an extended service life

- Different designs that fulfil all requirements



AP-RS

- With plug nipple for quick-action coupling
- Handy gun shape



AP-BM-SN

- With plug nipple for quick-action coupling
- Handy gun shape



AP-BM-T9

- With nozzle for hose dia. 9 mm
- Handy gun shape



AP-BM-S

- With safety and noise reduction nozzle
- With plug nipple for quick-action coupling
- Model certificate for noise reduction according to OSHA regulations and the Swiss Accident Insurance Fund (SUVA)



AP-RSV 100

- Extended blast pipe (100 mm)
- With plug nipple for quick-action coupling



AP-BM-SNV100

- Rotatable, extended blast pipe (100 mm)
- With plug nipple for quick-action coupling

Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
AP-RS	D740020	180	4-6	0.10
AP-BM-SN	D740015	78	4-6	0.26
AP-BM-T9	D740017	78	4-6	0.26
AP-BM-S	D740145	234	4-6	0.28
AP-RSV 100	D740021	324	4-6	0.14
AP-BM-SNV100	D740115	180	4-6	0.31

Blowing guns with plastic housing

- Robust plastic is shatterproof and impact-resistant
- Solid plastic housing prevents cold hands when working
- Stepless trigger lever for accurate dosage of compressed air

AP-Vario-P

- Suitable for sensitive surfaces
- Nozzle tip with removable rubber cover prevents scratches on the workpiece

AP-Vario-V

- Venturi nozzle increases the air flow rate by 100%

AP-Vario-S

- Extremely quiet due to silent nozzle
- Anti-block function prevents the air flow from blocking when the nozzle is applied

AP-Vario-L

- 300 mm blast pipe is ideal for awkward spots that are difficult to access

AP-Vario- L-500

- Used primarily in farming applications such as blowing out combine harvester radiators or blowing down large loading areas
- 500 mm blast pipe is ideal for awkward spots that are difficult to access

AP-Vario-F

- Fan jet nozzle for particularly large surfaces

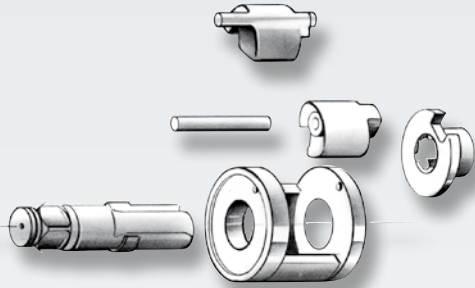
AP-Soft

- Handy, straight design perfect for minor blowing tasks
- 3 m spiral hose for extra flexibility



Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
AP-Vario-P	D740144	222	4-6	0.12
AP-Vario-V	D740143	222	4-6	0.14
AP-Vario-S	D740140	162	4-6	0.14
AP-Vario-L	D740141	222	4-6	0.16
AP-Vario-L-500	D740148	380	8	0.16
AP-Vario-F	D740142	348	4-6	0.10
AP-Soft	D740035	192	4-6	0.18

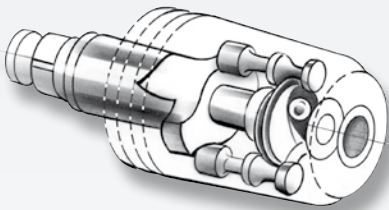
Which is the right impact screwdriver for the job?



Single-stroke impact screwdriver

The tried-and-tested single-stroke impact screwdriver delivers one stroke per rotation to one side of the drive spindle for high power generation.

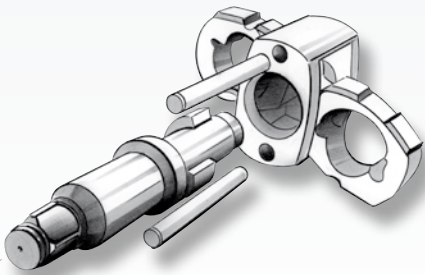
Impact screwdrivers of this kind are suitable for light to moderately heavy assembly work.



Roller impact screwdriver (also known as pin/Dynapact impact screwdriver)

The roller impact screwdriver strikes the drive spindle with two pins. It is characterised by its particularly low vibration level and rapid torque build-up.

Impact screwdrivers of this kind are suitable for rapid assembly work.



Twin-hammer impact mechanism

The twin-stroke impact screwdriver operates with two ring strokes, delivering two strokes per rotation, one on each side of the drive spindle. This makes for a compact design and allows the impact screwdriver to achieve a particularly high peak torque.

Impact screwdrivers of this kind are suitable for difficult to very difficult screw connections.

Always use a tool that corresponds to requirements. Use of an oversized tool can result in damage to the screw connection and/or to the workpiece. Use of an undersized tool causes excessive wear to the tool.

Recommended values for tightening torques for screws in accordance with DIN 912

Dimensions	Standard thread					
	Tightening torque (Nm)					
Property class*	4.6	5.6	6.8	8.8	10.9	12.9
M 2x0,40	0	0	0	0	0	1
M 3x0,50	0	1	1	1	2	2
M 4x0,70	1	1	2	3	4	5
M 5x0,80	2	3	5	6	8	10
M 6x1,00	4	5	8	10	14	17
M 8x1,25	9	12	19	25	35	42
M 10x1,50	19	23	37	49	70	83
M 12x1,75	32	40	65	86	121	146
M 14x2,00	52	65	104	138	194	233
M 16x2,00	81	101	161	215	302	363
M 18x2,50	111	139	222	296	417	500
M 20x2,50	157	197	315	420	590	709
M 22x2,50	215	269	430	574	807	968
M 24x3,00	272	340	544	726	1020	1224
M 27x3,00	400	500	800	1067	1500	1800
M 30x3,50	542	677	1083	1445	2032	2438
M 33x3,50	739	923	1477	1969	2770	3323
M 36x4,00	948	1185	1896	2528	3555	4266

Dimensions	Fine thread					
	Tightening torque (Nm)					
Property class*	4.6	5.6	6.8	8.8	10.9	12.9
M 8 x 1,00	10	13	20	27	38	45
M 10 x 1,25	21	26	42	56	78	94
M 12 x 1,50	34	43	68	91	128	153
M 14 x 1,50	56	70	113	150	211	253
M 16 x 1,50	87	108	173	231	324	389
M 18 x 1,50	126	157	252	336	472	567
M 20 x 1,50	176	220	352	469	659	791
M 22 x 1,50	237	297	475	633	890	890
M 24 x 2,00	312	390	624	832	1169	1403

* Property classes in accordance with DIN 912

Impact screwdrivers are designed for heavy screwing work carried out over a short period of time. If a screwing process that is carried out in the right operating conditions (pressure, air volume, air quality) cannot be completed after a few minutes, we recommend using a more powerful tool.

An overview of our impact screwdrivers

	SGS 360 3/8"	SGS 430 1/2"	SGS 440 1/2"	SGS 610 1/2"	SGS 850 1/2"	SGS 1100 1/2"	SGS-Set Base 1/2"	SGS 1700 3/4"	SGS 2000 1"	SGS 2700 1"
Application options										
Pass. car wheels		++	++	++	++	+	+			
Pass. car axles			++	++	++	++	+			
Pass. car engines	++	++	++	+						
Pass. car body	++	++	++	++			+			
Comm. veh. wheels					++	++		++		
Comm. veh. axles				++	++	++		++		
Comm. veh. engines	++	++	++	+			+			
Comm. veh. body		++	+	+	++	++	+	++		
Truck wheels								++	++	++
Truck axles						++		++	++	++
Truck engines		++	++	++	++		+			
Truck body					++	++		++	++	++
Metal structures	++	++	++	+	++	++	+	++	++	
Machinery	++	++	++	+	++	++	+	++	++	

++ very well suited + well suited

Impact screwdriver model overview

Model	Art. no.	Socket [square]	Air requirement [l/s]	Working torque [Nm]	Weight [kg]	Page in the catalogue
SGS 360-3/8"	D322801	3/8"	5	340	1,3	176
SGS 430-1/2"	D322815	1/2"	5	405	1,3	176
SGS 440-1/2"	D322810	1/2"	5,3	440	1,1	176
SGS 610-1/2"	D327610	1/2"	6	600	2,3	177
SGS 850-1/2"	D322816	1/2"	8,2	815	2,0	177
SGS 850 D-1/2"	D322817	1/2"	8,2	815	2,0	177
SGS 1100-1/2"	D322819	1/2"	9,2	1,100	2,1	177
SGS-Set 1/2" Base	D322820	1/2"	6	345	2,2	178
SGS 1700-3/4"	D322831	3/4"	9,1	1,629	3,7	178
SGS 2000-1"	D322841	1"	9,1	1,900	3,7	178
SGS 2700-1"	D322842	1"	24	2.700	11,0	179

Impact screwdrivers

Extremely powerful and easy to use –
the right model for every application



Extremely lightweight
thanks to high-quality
composite housing



Long service life
thanks to high-quality
and robust components



Economical to use
with
energy-efficient 3-stage
torque setting



Fast work
with simple one-handed
changeover from clockwise
to anti-clockwise direction



Extremely powerful
with minimal wear thanks
to robust Twin-Hammer
impact mechanism



Example: Impact screwdriver SGS 850-1/2"



Ergonomic handle
to avoid intermittent stress
of hand-arm system

These impact screwdrivers impress with their compact design and simultaneously high torques. The different models are suitable for various screw connections at machines and metal structures, motors, tyres and vehicle bodes. They are particularly ideal for motor vehicle, commercial vehicle, bus, bike, repair, assembly and metalworking companies, as well as hauliers, agriculture and industry.

Impact screwdrivers

Impact screwdriver 3/8"



- Ideal for car and truck engines and motors, metal structures and mechanical engineering thanks to 3/8" spindle
- Powerful with 564 Nm breakaway torque and ultralight design at 1.3 kg
- Avoidance of intermittent stress of hand-arm system thanks to ergonomic handle
- Optimal centre of gravity for secure and pleasant guiding of device
- Switch from clockwise to anti-clockwise operation with one hand to save time

✓	Twin-Hammer impact mechanism
✓	3 torque stages in clockwise direction
✓	Lightweight, sound-insulated composite housing that is also insulated against the cold
✓	Optimal centre of gravity for secure and pleasant guiding of device

Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 360-3/8"	D322801	3/8"	5	6.3	340	4.6	1.3	153x55x216

Impact screwdriver 1/2"



- Ideal for automotive shops, repair shops, tyre services, assembly shops, metalworking shops
- Perfect for awkward spots that are difficult to access thanks to compact small design
- Extremely powerful with 678 Nm breakaway torque
- Avoidance of intermittent stress of hand-arm system thanks to ergonomic handle
- Optimal centre of gravity for secure and pleasant guiding of device
- Switch from clockwise to anti-clockwise operation with one hand to save time

✓	Twin-Hammer impact mechanism
✓	3 torque stages in clockwise direction
✓	Lightweight, sound-insulated composite housing that is also insulated against the cold
✓	Optimal centre of gravity for secure and pleasant guiding of device

Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 430-1/2"	D322815	1/2"	5	6.3	405	4.6	1.3	153x55x216

Impact screwdriver 1/2"

NEW



- Compact design ideal for use in constricted spaces
- Excellent weight/performance ratio, up to 700 Nm breakaway torque with weight of 1.1 kg
- Switch from clockwise to anticlockwise operation with one hand to save time
- Anti-slip and ergonomic rubber handle for comfortable work
- Versatile 1/2" spindle is particularly suitable for wheel changes and all kinds of medium-sized screw connection in passenger vehicle, repair, assembly and metalworking workshops

✓	Twin-hammer impact mechanism
✓	2 torque stages in clockwise direction
✓	Lightweight cold and noise isolating composite housing

700 Nm
Breakaway torque

Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 440-1/2"	D322810	1/2"	5.3	6.3	440	5.1	1.1	121x63x170

Impact screwdriver 1/2"

- Ideal for automotive shops, repair shops, tyre services, assembly shops, metalworking shops
- Extremely robust, impact-resistant device with one-piece metal housing
- Rubber handle reduces vibrations and provides insulation against the cold
- Switch from clockwise to anti-clockwise operation with one hand to save time

Roller hammer impact mechanism	✓
4 torque stages in clockwise direction	✓



Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 610-1/2"	D327610	1/2"	6	6.3	600	3.2	2.3	190x65x225

Impact screwdriver 1/2"

- Ideal for automotive shops and tyre services thanks to diverse application possibilities
- Perfect for large and stiff screw connections thanks to massive breakaway torque of 1356 Nm
- Avoidance of intermittent stress of hand-arm system thanks to ergonomic handle
- Optimal centre of gravity for secure and pleasant guiding of device
- Switch from clockwise to anti-clockwise operation with one hand to save time

Twin-Hammer impact mechanism	✓
Lightweight, sound-insulated composite housing that is also insulated against the cold	✓
SGS 850 – 3 torque stages in clockwise direction	✓
SGS 850 D – 1 torque stage in clockwise direction; limited tightening torque of 90 Nm	✓



Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 850-1/2"	D322816	1/2"	8.2	6.3	815	4.8	2.0	183x69x230
SGS 850 D-1/2"	D322817	1/2"	8.2	6.3	815	4.8	2.0	183x69x230



NEW

Impact screwdriver 1/2"

- Universal application for passenger car and truck engines, metal structures and mechanical engineering thanks to high torque with 1/2" socket
- Excellent weight/performance ratio, up to 1750 Nm breakaway torque with weight of 2.1 kg
- Perfect for large screw connections thanks to breakaway torque of 1750 Nm
- Anti-slip and ergonomic rubber handle for comfortable work

Twin-Hammer impact mechanism	✓
3 torque stages in clockwise direction	✓
Lightweight, sound-insulated composite housing that is also insulated against the cold	✓

1750 Nm
Breakaway torque



Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 1100-1/2"	D322819	1/2"	9.2	6.3	1,100	7.3	2.1	194x68x207



Impact screwdrivers

NEW

Impact screwdriver 1/2"



- Universal impact screwdriver set with selection of versatile accessories for a wide range of applications, even in the DIY sector
- Air control valve for stepless adaptation of the torque for clockwise/anticlockwise rotation
- Switch from clockwise to anticlockwise operation with one hand to save time
- Rubber handle reduces vibrations and insulates against the cold

✓	Hammer impact mechanism
✓	In plastic case with 10 socket spanners (10 to 13, 15, 17, 19, 22, 24, 27)

Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS-Set 1/2" Base	D322820	1/2"	6	6.3	345	3.8	2.2	178x70x225

Impact screwdriver 3/4"



- Extremely powerful impact screwdriver with 2978 Nm breakaway torque for commercial vehicles workshops and tyre services
- Avoidance of intermittent stress of hand-arm system thanks to ergonomic handle
- Optimal centre of gravity for secure and pleasant guiding of device
- Switch from clockwise to anti-clockwise operation with one hand to save time

✓	Twin-Hammer impact mechanism
✓	3 torque stages in clockwise direction
✓	Lightweight, sound-insulated composite housing that is also insulated against the cold
✓	Excellent weight-performance ratio with only 3.7 kg

Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 1700-3/4"	D322831	3/4"	9.1	6.3	1,629	4.8	3.7	214x84x266

Impact screwdriver 1"



- Ideal for large screw fittings on trucks and buses thanks to 1" spindle
- Extremely powerful with 3150 Nm breakaway torque
- Practical one-handed operation with gun shape
- Avoidance of intermittent stress of hand-arm system thanks to ergonomic handle
- Optimal centre of gravity for secure and pleasant guiding of device

Twin-Hammer impact mechanism	✓
3 torque stages in clockwise direction	✓
Lightweight, sound-insulated composite housing that is also insulated against the cold	✓

Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 2000-1"	D322841	1"	9.1	6.3	1,900	4.8	3.7	214x84x266

NEW

Impact screwdriver 1"

- Very powerful impact screwdriver for tough applications at or in commercial vehicles, buses, agricultural and construction machines
- Long 1" spindle for easy work, even on double tyres
- Spindle with pinhole for safeguarding the socket spanner with locking pin

Twin-hammer impact mechanism	✓
3 torque settings for clockwise and anticlockwise rotation	✓
Additional side handle for smooth device guidance	✓



Model	Art. no.	Socket (square)	Air requirement (l/s)	Working pressure (bar)	Working torque (Nm)	Vibration (m/s ²)	Weight (kg)	Dimensions (L x W x H)
SGS 2700-1"	D322842	1"	24	6.3	2,700	18.5	11	527x213x176

Set of sockets for impact screwdriver

Model	Art. no.	Number of socket spanners (pc.)	Socket sizes
SKSL-Set 3/8"-8	D322275	8	8, 10, 11, 12, 13, 14, 17, 19
SKSL-Set 1/2"-10	D322268	10	11, 12, 13, 14, 15, 17, 19, 21, 22, 24
SKSL-Set 1/2"-2 long	D322292	2	17, 19 extended version, 78 mm long
SKSL-Set 1/2"-3 Alu	D322294	3	17, 19, 21 plastic-coated, for aluminium wheel rims
SKSL-Set 3/4"-8	D322298	8	24, 27, 29, 30, 32, 35, 36, 38
SKSL-Set 1"-7	D322278	7	24, 27, 30, 32, 35, 36, 38



Wall bracket for impact screwdriver 1/2"

Model	Art. no.
WH-SGS	B322610

- Holder for impact screwdrivers up to 1/2"
- With 4 retaining pins for socket spanners and storage trays for small parts
- 2 strong magnetic holders for simple fastening to all vertical metal surfaces



Ratchet screwdrivers

Slimline design, extremely handy –
perfect for reaching places with limited access



Compact design
ideal for use in
constricted spaces



Fatigue-free work
thanks to lightweight
design



Roller impact mechanism
designed especially for
stiff screw connections



**Anti-slip and ergonomic
handle for safe work**



Example: Ratchet screwdriver RAS 122 SW-1/2"

Thanks to their slim and handy design, these ratchet screwdrivers are suitable for slackening and tightening screw fittings in narrow spots which are difficult to access. This makes them the perfect partner in automotive engineering, agriculture or assembly and metalworking companies.

NEW

Ratchet screwdrivers

- Lightweight design for fatigue-free work
- Compact design for use in constricted spaces
- Trigger lever and clockwise/anti-clockwise direction adjustment in the ratchet head ensure easy operation

RAS-Set 1/2" Base

- Robust metal casing
- In a set with 7 socket spanners, extension, joint and bit adapter



RAS 41-1/4"

- Particularly compact for working in very tight spaces
- Anti-slip and ergonomic handle
- Rubber ratchet head protects body and workpiece against scratches
- Rotatable compressed air connection for greater flexibility



RAS 41-3/8"

- Anti-slip and ergonomic handle
- Rubber ratchet head protects body and workpiece against scratches
- Rotatable compressed air connection for greater flexibility
- Stepless adaptation of speed at tool



RAS 68-1/2"

- Anti-slip and ergonomic handle
- Rubber ratchet head protects body and workpiece against scratches
- Rotatable compressed air connection for greater flexibility
- Stepless adaptation of speed at tool



RAS 122 SW-1/2"

- Dead blow operation reduces the risk of injury
- Anti-slip and ergonomic handle
- Impact mechanism designed especially for stiff screw connections
- Rotatable compressed air connection for greater flexibility



Model	Art. no.	Socket (Square bolt)	Torque (Nm)	Air requirement (l/s)	Working pressure (bar)	Rotational speed (rpm)	Length (mm)	Weight (kg)
RAS-Set 1/2" Base	D322860	1/2"	68	5	6.3	200	265	1.1
RAS 41-1/4"	D322861	1/4"	41	5	6.3	200	177	0.5
RAS 41-3/8"	D322862	3/8"	41	5	6.3	200	196	0.5
RAS 68-1/2"	D322863	1/2"	68	6	6.3	150	256	1.2
RAS 122 SW-1/2"	D322864	1/2"	122	6	6.3	600	279	1.3

Set of sockets for ratchet screwdriver

Model	Art. no.	Number of socket spanners (pc.)	Socket sizes
SKSL-Set 1/2"-10	D322268	10	11, 12, 13, 14, 15, 17, 19, 21, 22, 24



Rotary screwdriver model overview

Model	Art. no.	Max. torque [Nm]	Speed [rpm]	Weight [kg]	Page in the catalogue
DRS 1800-8	D322680	3-8	1.800	1,2	184
DRS 1000	D322677	3	1.000	0,5	184
DRS 1800	D322676	1,6	1.800	0,5	184
DRS 1800-8 P	D322681	3-8	1.800	1,1	185
DRS 140 SYS	D322678	100	11500	1,0	185

Rotary screwdrivers

Extremely versatile –
For all types of screw fittings



Gun handle
for ergonomic handling



Rubber handle reduces vibrations and provides insulation against the cold



Bit support for simple tool changes



4-stage torque setting at the air inlet allows for flexible working

Example: Rotary screwdriver DRS 140 SYS

The versatile rotary screwdrivers with hexagon socket 1/4" are ideal for fastening and slackening screw fittings in plastic, metal, wood or similar materials. They are available in a straight design with baton handle and hanger bracket or in gun shape. They are suitable for use in the plastics, wood and metal industry, the vehicle industry or woodworking.

Rotary screwdrivers

Straight rotary screwdriver

- Rod grip and hanger bracket particularly suitable for series production
- Lightweight design for fatigue-free work
- Simple tool change thanks to bit support
- Stepless torque adjustment on the outer adjusting ring allows for flexible working



DRS 1800-8

- Anti-slip and ergonomic handle
- Extremely low noise due to exhaust air silencer



DRS 1000

- Switch from clockwise to anti-clockwise operation with one hand to save time
- Contact release for a high degree of safety: Rotary screwdriver does not start unless contact is made with the screw
- Extremely quiet thanks to exhaust silencer
- Rubber handle reduces vibrations and provides insulation against the cold



DRS 1800

- Switch from clockwise to anti-clockwise operation with one hand to save time
- Contact release for a high degree of safety: Rotary screwdriver does not start unless contact is made with the screw
- Extremely quiet thanks to exhaust silencer
- Rubber handle reduces vibrations and provides insulation against the cold

Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Max. torque (Nm)	Rotational speed (rpm)	Weight (kg)
DRS 1800-8	D322680	1/4"	8	6.3	3-8	1,800	1.2
DRS 1000	D322677	1/4"	4.6	6	3,0	1,000	0.5
DRS 1800	D322676	1/4"	4.6	6	1.6	1,800	0.5

Tip

Rotary screwdrivers have a repeat accuracy of $\pm 3\%$ and are therefore particularly suitable for series production.

Gun rotary screwdriver

- Fatigue-free work due to low weight
- Bit reception for simple tool changes

DRS 1800-8 P

- Very lightweight and ergonomic composite housing
- Very quiet thanks to built-in silencer
- Switch from clockwise to anticlockwise operation with one hand to save time
- Stemless torque adjustment on the outer adjusting ring allows for flexible working



DRS 140 SYS

- Dual impact mechanism for loosening extremely stiff screws
- 100 Nm torque suitable for screw fittings with screws 6 x 100 mm or smaller (e.g. in pine)
- In a Mini Sustainer with magnetic bit holder and 4 bits
- Flexible work thanks to four-stage torque adjustment



Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Max. torque (Nm)	Rotational speed (rpm)	Weight (kg)
DRS 1800-8 P	D322681	1/4"	8	6.3	3-8	1,800	1.1
DRS 140 SYS	D322678	1/4"	7	6.3	100	11,500	1

Drills

Extremely small and lightweight –
the handy alternative to an electric drill



These drills impress not only with their ergonomic design, but also avoid the dispersion of dust or chippings thanks to the practical exhaust air guide to the rear. They are used in the woodworking, metal or plastics industry, as well as in the vehicle industry and trade.

NEW

- Fatigue-free work as much lighter and more compact than comparable power drills
- Keyless chuck - effortless replacement of drill bits and drivers
- Exhaust air guide with handle ensures no dust dispersion

BM 2000-10mm

- Powerful tanks to high-performance compressed air motor
- Very lightweight and ergonomic composite housing
- Switch from clockwise to anticlockwise operation with one hand to save time
- Very quiet thanks to built-in silencer



BM 800-13mm

- Powerful slow rotating motor specially designed for tools with a larger diameter
- Very lightweight and ergonomic composite housing
- Switch from clockwise to anticlockwise operation with one hand to save time
- Very quiet thanks to built-in silencer
- Additional side handle guarantees safe handling, even when using large drill bits or stirrers



BM-W 1400-10mm

- Angle head ideal for working in tight spaces that are difficult to access
- Anti-slip and ergonomic handle



Model	Art. no.	Drill chuck (mm)	Air requirement (l/s)	Working pressure (bar)	Power (Watt)	Torque (Nm)	Speed (rpm)	Weight (kg)
BM 2000-10mm	D322690	10	8	6.3	400	10	2,000	1.0
BM 800-13mm	D322691	13	8	6.3	400	15	800	1.3
BM-W 1400-10mm	D322692	10	6	6.3	400	10	1,400	1.2

Grinder model overview

Model	Art. no.	Air requirement [l/s]	Speed [rpm]	Weight [kg]	Length [cm]	Page in the catalogue
SBS-Set-Base	D322752	5	22,000	0,6	19,7	190
SBS 220-6mm	D322753	4	25,000	0,4	15,9	190
SBS 220-6mm L	D322754	4	25,000	0,7	25,6	190
SBS-W 220-6mm	D322755	4	20,000	0,7	18,1	190
SBS 700 SYS	D322659	2,8	70,000	0,23	13	190
WSL 125	D322770	11	12,000	2,0	22,9	191
LH-WSL 100	D322771	14	14,000	1,7	37,2	191
ES 150-5	D322720	6,9	12,000	0,84	22,0	192
ES 150-2,5	D322721	6,9	12,000	0,83	22,0	192
BDS 330-10	D322740	6,7	20,000	0,85	33,0	192

Grinders

Different designs –
Numerous fields of application

Rubber side grip
can be installed for left- and right-handed individuals

Quick grinding disc changes
thanks to spindle stop

User protection
thanks to tool-free adjustable protective hood

No swarf dispersal
thanks to exhaust air being routed to the rear

Highly powerful
thanks to large pneumatic motor

Example: Angle grinder WSL 125

These grinders are multifunction thanks to their various designs. They are ideal for delicate work in model making and fixture construction, as well as heavy-duty grinding work in vehicle body construction and deburring welded seams.

Grinding machines

NEW

Axial grinder

- Perfect for awkward spots that are difficult to access thanks to compact small design
- Exhaust air guide towards the rear prevents dust dispersion
- Lightweight design for fatigue-free work



SBS-Set-Base

- Actuating lever with trigger safety device against unintentional startup of tool
- In a set with 3.0 and 6.0 mm collets, each with five 3.0 and 6.0 mm mounted points
- Robust metal casing



SBS 220-6mm

- Actuating lever with trigger safety device against unintentional startup of tool
- Simple adjustment of speed at handle
- Incl. 3 & 6 mm collet chuck
- Ergonomic rubber handle with reduced vibrations
- Rotatable compressed air connection for more flexibility



SBS 220-6mm L

- Long version for working in places that are difficult to access
- Actuating lever with trigger safety device against unintentional startup of tool
- Simple adjustment of speed at handle
- Ergonomic rubber handle absorbs vibrations
- Rotatable compressed air connection for more flexibility
- Incl. 3 & 6 mm collet chuck



SBS-W 220-6mm

- Angled version for working in tight spaces
- Actuating lever with trigger safety device against unintentional startup of tool
- Simple adjustment of speed at handle
- Ergonomic rubber handle absorbs vibrations
- Rotatable compressed air connection for more flexibility
- Incl. 3 & 6 mm collet chuck



SBS 700 SYS

- High-precision mini axial grinder with stepless speed adjustment for simple operation
- Pen design ideal for reaching into the smallest recesses
- In a Mini-Systainer with 2.3 mm and 3.0 mm collet chucks

Model	Art. no.	Air requirement (l/s)	Working pressure (bar)	Rotational speed (rpm)	Weight (kg)	Length (cm)
SBS-Set-Base	D322752	5	6.3	22,000	0.6	19.7
SBS 220-6mm	D322753	4	6.3	25,000	0.4	15.9
SBS 220-6mm L	D322754	4	6.3	25,000	0.7	25.6
SBS-W 220-6mm	D322755	4	6.3	20,000	0.7	18.1
SBS 700 SYS	D322659	2,8	6.3	70,000	0.23	13.0

Grinding points

Model	Art. no.	Körnung	Shaft dia. (mm)	Packaging unit (pc.)
SFI-Standard	B322525	P60 / P80	6/3	10



Grinding drum

- 4 rubber grinding drums plus sandpaper
- Grinding drums 9/12 mm diameter with 3 mm shaft, 18/25 mm with 6 mm shaft

Model	Art. no.	Shaft dia. (mm)
SLW-Set 9/12/18/25	B322500	3/6



Abrasive sleeve

Model	Art. no.	Grit	Shaft dia. (mm)	Packaging unit (pc.)
SFH 18/10	B322533	P100	6	10
SFH 25/10	B322534	P100	6	10
SFH 9/10	B322531	P100	3	10
SFH 12/10	B322532	P100	3	10



Tip

Save money: Our grinders are designed for a working pressure of 6.3 bar. Working times may increase by as much as 40% with only one less bar of pressure (e.g. due to smaller hose diameter or inferior couplings).

Grinding machines

Angle grinder

NEW

- Powerful compressed air motor does not burn out like electric motors
- Exhaust air guide towards the rear ensures no swarf dispersion
- Actuating lever with trigger safety device against unintentional startup of tool



WSL 125

- Extremely quick grinding disc changes thanks to spindle stop
- Rubber side grip can be installed for left- and right-handed individuals
- Protective hood can be adjusted without tools for protection against sparks
- For standard grinding wheels up to dia. 125 mm



LH-WSL 100

- Extremely quick grinding disc changes thanks to spindle stop
- Hervorragend geeignet für Einsätze an schwer zugänglichen Stellen durch schmale Bauform
- Protective hood can be adjusted without tools for protection against sparks
- For cut-off wheels 100 x 1 x 16 mm



Model	Art. no.	Air requirement (l/s)	Working pressure (bar)	Rotational speed (rpm)	Weight (kg)	Length (cm)
WSL 125	D322770	11	6.3	12,000	2.0	22.9
LH-WSL 100	D322771	14	6.3	14,000	1.7	37.2

Quick action clamping nut

NEW



Model	Art. no.	Suitable for
SLS-M 14 WSL 125	B322538	Angle grinder WSL 125

Grinding wheels

NEW

- Suitable for LH-WSL 100 angle grinder

Model	Art. no.	Disc Ø (mm)	Disc thickness (mm)	Hole (mm)	Packaging unit (pieces)
SFS 100x1x16/5	B322713	100	1	16	5

Side grip

NEW



- Vibration-reducing side grip

Model	Art. no.	Suitable for
HG-VR-WSL 125	B322539	Angle grinder WSL 125

Eccentric grinder

- Fatigue-free grinding thanks to fewer vibrations
- Unlimited view of the workpiece with narrow collar
- Particularly low air consumption for economical work

- ✓ 150 mm grinding disc with 2.5 or 5 mm eccentric stroke
- ✓ Suitable for typical 15-hole, 8-hole and 6-hole sanding paper



Model	Art. no.	Air requirement (l/s)	Max. Working pressure (bar)	Rotational speed (rpm)	Pad dimensions (mm)	Stroke (mm)	Noise (dB(A))	Weight (kg)
ES 150-5	D322720	6.9	6.3	12,000	150	5	84.1	0.84
ES 150-2,5	D322721	6.9	6.3	12,000	150	2.5	84.3	0.83



Grinding disc

Model	Art. no.
SFT-15-150	B322720

NEW

Belt grinder

- Powerful compressed air motor does not burn out like electric motors
- Exhaust air guide towards the rear ensures no swarf dispersion
- Actuating lever with trigger safety device against unintentional startup of tool

- ✓ Narrow grinding belt (10 mm) particularly suitable for cramped spaces
- ✓ Automatic belt tensioner for easy abrasive belt changes



Model	Art. no.	Air requirement (l/s)	Working pressure (bar)	Rotational speed (rpm)	Weight (kg)
BDS 330-10	D322740	6.7	6.3	20,000	0.85



Grinding belts

Model	Art. no.
SFB 330x10 K80/5	B322502
SFB 330x10 K120/5	B322503
SFB 330x10 K180/5	B322504



Saws

Effortless operation –
Feel safe



Robust plastic housing
noticeably reduces vibration
and noise development



Better flexibility
thanks to rotatable
compressed air connection



**Infinitely variable
stop bracket**
for extended service life and
reduced saw blade wear



**Safety lever
prevents unintentional
start-up**



Example: Car body saw KS 10

Car body saw

NEW

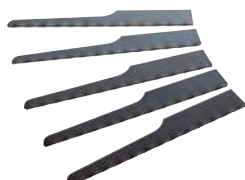


- Effortless separation of body sheet metal and plastic parts
- Low noise and vibrations thanks to robust plastic housing
- Infinitely variable stop bracket for extended service life and reduced saw blade wear

- ✓ Better flexibility thanks to rotatable compressed air connection
- ✓ 3 saw blades
- ✓ Safety lever prevents unintentional start-up

Model	Art. no.	Air re-quirement (l/s)	Working pressure (bar)	Number of strokes (rpm)	Stroke length (mm)	Cutting thickness (mm)	Weight (kg)
KS 10	D322322	4	6.3	9,500	10	3.1	0.8

Saw blades



- Bi-metal version

- Pack of 5

Model	Art. no.	For metal plate thickness (mm)	Toothed length (mm)	Tooth pitch (mm)
SGB-Bimet 0,3-0,8/5	B322520	0.3-0.8	50	0.8
SGB-Bimet 0,8-1,2/5	B322521	0.8-1.2	50	1

Riveting tongs

flexible, user-friendly –
extremely versatile



Different rivet guides
suitable for different rivets



Use with smaller compressors possible
due to low air requirement



Cleaner work
as the rivet pins are collected
in container

Example: Blind riveting tongs NZ-SYS

Blindniet-Zange

- Different rivet guides suitable for all standard rivet types
- Cleaner work as the rivet pins are collected in container
- Can be used with smaller compressors because of low air requirement



In a Systainer with various rivet holders and 4 x 10 riveting bolts



Model	Art. no.	Air requirement (l/stroke)	Working pressure (bar)	Rivets Ø (mm)	Weight (kg)
NZ-SYS	D322311	1.1	6.3	2.4 - 4.8	1.7

These riveting tongs ensure cleaner work during operation thanks to the container for the rivet pins. Selection of rivet guides available that are compatible with different rivets – Ideal for the construction of ventilation systems, façades, switch cabinets and vehicles and also suitable for the aviation industry.

Overview of our staplers and nail guns

	KLG 80-16	KLG 90-25	KLG 90-40	KLG 114-65	KNG 40/50	SNG-SK 50	PNG-PN 25	RNG RN 90
Application options								
Sheeting, insulation material	++							
Fabrics, leather	++							
Furniture rear panels	++	++	+		+			
Skirting boards					++	++	+	
Wooden ceilings		+	++		++	+		
Tongue and groove boards/ panels		++	++		++	+		
Gypsum plasterboard/OSBs				++				+
Boxes, pallets			+	++	+	+		++
Trim strips, decorative elements					+	+	++	
Window beads					+	+	++	
Roof battens								++
Cladding								++
Timber frames and trestles								++

++ very well suited + well suited

Stapler and nail gun model overview

Model	Art. no.	Air require- ment [l/impact]	Magazine capacity	Weight [kg]	Page in the catalogue
KLG 80-16	D200091	0.3	157	0.87	198
KLG 90-25	D200092	0.8	100	1.1	198
KLG 90-40 SYS	D200098	0.8	100	1.1	198
KLG 114-65	D200094	1.3	130	2.5	198
SNG-SK 50 SYS	D300067	1.1	100	1.26	200
KNG 40/50 SYS	D300046	1.1	100	1.1	200
PNG-PN 25 SYS	D300068	0.3	102	0.95	201
RNG-RN 90	D300071	2.9	63	3.3	202

Staplers and nail guns

For strong joints



Compact, lightweight design for easy handling and fatigue-free work



Rubber handle reduces vibrations and provides insulation against the cold



Simple and precise adjustment of the staple insertion depth with tool-free depth setting



User-friendly sliding mechanism on the magazine makes loading the staples easy

Example: Stapler KLG 114-65

Our extensive range of staplers and nail guns offers the perfect machine for every application and includes a wide selection of compatible nails and staples. They are used in upholstery and interior design, as well as in carpenter's and joiner's workshops.

Staplers and nail guns

Stapler

- Compact, lightweight design for easy operation and fatigue-free work
- Rubber handle reduces vibrations and provides insulation against the cold
- Staples reloaded easily with user-friendly loading device



KLG 80-16

- Long carrier for reaching awkward areas which are difficult to access
- Two-stage trigger prevents injuries caused by unintentional or accidental tool triggering
- For staples type 80, length 4-16 mm



KLG 90-25

- Contact release for quick, safe working progress
- Simple and precise adjustment of the staple insertion depth with tool-free depth setting
- For staples type 90, length 13-25 mm



KLG 90-40 SYS

- Contact release for quick, safe working progress
- Simple and precise adjustment of the staple insertion depth with tool-free depth setting
- For staples type 90, length 13-40 mm
- In a Systainer with safety glasses, 2000 staples, type 90, length 30 mm



KLG 114-65

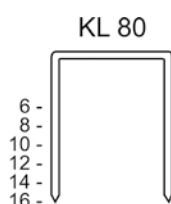
- Set the trigger to single release or contact release for flexible working progress
- Simple and precise adjustment of the staple insertion depth with tool-free depth setting
- For staple type 114, up to 65 mm

Model	Art. no.	Air requirement (l/impact)	Working pressure (bar)	Magazine capacity	Weight (kg)
KLG 80-16	D200091	0.3	4-7	157	0.87
KLG 90-25	D200092	0.8	5-8	100	1.0
KLG 90-40 SYS	D200098	0.8	5-8	100	1.1
KLG 114-65	D200094	1.3	5-8	130	2.5

Tip

The use of compressed air containing oil significantly increases the life of the sealings on the device.

Staples, type 80



Model	Art. no.	Back width (mm)	Wire thickness (mm)	Length (mm)	Bulk buying (pc.)
KL 80/06 CNK/3000	C420003	12.8	0,9x0,7	6	3,000
KL 80/08 CNK/3000	C420004	12.8	0,9x0,7	8	3,000
KL 80/10 CNK/3000	C420005	12.8	0,9x0,7	10	3,000
KL 80/12 CNK/3000	C420006	12.8	0,9x0,7	12	3,000
KL 80/14 CNK/3000	C420007	12.8	0,9x0,7	14	3,000
KL 80/16 CNK/3000	C420008	12.8	0,9x0,7	16	3,000

CNK – Chisel tip; nickel-plated

Staples, type 90

Model	Art. no.	Back width (mm)	Wire thickness (mm)	Length (mm)	Bulk buying (pc.)
KL 90/15 CNKH/2000	C420022	5.7	1.25x1	15	2,000
KL 90/20 CNKH/2000	C420024	5.7	1.25x1	20	2,000
KL 90/25 CNKH/2000	C420027	5.7	1.25x1	25	2,000
KL 90/28 CNKH/5000	C420029	5.7	1.25x1	28	5,000
KL 90/30 CNKH/2000	C420030	5.7	1.25x1	30	2,000
KL 90/30 CV2AH/5000	C421030	5.7	1.25x1	30	5,000
KL 90/35 CNKH/2000	C420034	5.7	1.25x1	35	2,000
KL 90/40 CNKH/2000	C420035	5.7	1.25x1	40	2,000

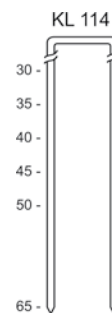
CNKH – Chisel tip; nickel-plated; resin-coated
CV2AH – Chisel tip; stainless steel; resin-coated



Staples, type 114

Model	Art. no.	Back width (mm)	Wire thickness (mm)	Length (mm)	Bulk buying (pc.)
KL 114/30 CNKH/20000	C430021	10.8	1.6x1.4	30	20,000
KL 114/35 CNKH/10000	C430022	10.8	1.6x1.4	35	10,000
KL 114/40 CNKH/10000	C430023	10.8	1.6x1.4	40	10,000
KL 114/45 CNKH/10000	C430024	10.8	1.6x1.4	45	10,000
KL 114/50 CNKH/10000	C430025	10.8	1.6x1.4	50	10,000
KL 114/65 CNKH/10000	C430026	10.8	1.6x1.4	65	10,000

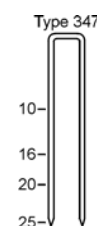
CNKH – Chisel tip; nickel-plated; resin-coated



Staples, type 347

Model	Art. no.	Back width (mm)	Wire thickness (mm)	Length (mm)	Bulk buying (pc.)
KL 347/10 CNK/2500	C430003	4.55	0.9x0.7	10	2,500
KL 347/16 CNK/2500	C430006	4.55	0.9x0.7	16	2,500
KL 347/20 CNK/2500	C430008	4.55	0.9x0.7	20	2,500
KL 347/25 CNKH/2500	C430010	4.55	0.9x0.7	25	2,500

CNK – Chisel tip; nickel-plated
CNKH – Chisel tip; nickel-plated; resin-coated



Staplers and nail guns

Multi-purpose nail driver



- Compact, lightweight design for easy operation and fatigue-free work
- Flexible design compatible with both SN pan-head nails (16-50 mm) and type 90 staples (13-40 mm)
- Simple and precise adjustment of the staple insertion depth with tool-free depth setting
- Rubber handle reduces vibrations and provides insulation against the cold

✓	Contact fuse reduces the risk of accidents
✓	In a Systainer with 1000 SN pan-head nails, length 40 mm, 2000 type 90 staples, length 30 mm

Model	Art. no.	Air requirement (l/stroke)	Working pressure (bar)	Magazine capacity	Weight (kg)
KNG 40/50 SYS	D300046	1.1	5-8	100	1.1

Pan-head nailer



- Compact, lightweight design for easy operation and fatigue-free work
- Simple and precise adjustment of the staple insertion depth with tool-free depth setting
- Rubber handle reduces vibrations and provides insulation against the cold

✓	For SN pan-head nails, length 16-50 mm
✓	Contact release for quick, safe working progress
✓	In a Systainer with safety glasses, 5000 SN pan-head nails, length 30 mm

Model	Art. no.	Air requirement (l/stroke)	Working pressure (bar)	Magazine capacity	Weight (kg)
SNG-SK 50 SYS	D300067	1.1	5-8	100	1.26

SN pan-head nails



Model	Art. no.	Wire thickness (mm)	Length (mm)	Packaging unit (pc.)
SN 113 NK/1000	C520011	0.9x1.2	13	1,000
SN 116 NK/1000	C520012	0.9x1.2	16	1,000
SN 116 NK/5000	C520002	0.9x1.2	16	5,000
SN 120 NK/1000	C520013	0.9x1.2	20	1,000
SN 120 NK/5000	C520003	0.9x1.2	20	5,000
SN 125 NK/1000	C520014	0.9x1.2	25	1,000
SN 125 NK/5000	C520004	0.9x1.2	25	5,000
SN 130 NK/1000	C520015	0.9x1.2	30	1,000
SN 130 NK/5000	C520005	0.9x1.2	30	5,000
SN 130 V2A/5000	C521005	0.9x1.2	30	5,000
SN 135 NK/5000	C520006	0.9x1.2	35	5,000
SN 140 NK/5000	C520008	0.9x1.2	40	5,000
SN 150 NK/5000	C520010	0.9x1.2	50	5,000

NK – nickel-plated
V2A – stainless steel

Pin nailer

- Small diameter pin nails for securing decorative profiles, window beads, ornaments, etc. almost invisibly
- Narrow front plate ideal for machining extremely narrow, delicate workpieces
- Compact, lightweight design for easy operation and fatigue-free work
- Rubber handle reduces vibrations and provides insulation against the cold

In a Systainer with safety glasses



Model	Art. no.	Air requirement (l/stroke)	Working pressure (bar)	Magazine capacity	Weight (kg)
PNG-PN 25 SYS	D300068	0.3	4-7	102	0.95

Tip

Clean the magazine with compressed air from time to time. Never clean with fluids or oils because the pin nail may become stuck.

Pin nails

Model	Art. no.	Wire thickness (mm)	Length (mm)	Packaging unit (pc.)
PN 15-0,6 NK/10000	F440130	0.64	15	10,000
PN 18-0,6 NK/10000	F440131	0.64	18	10,000
PN 22-0,6 NK/10000	F440132	0.64	22	10,000
PN 25-0,6 NK/10000	F440133	0.64	25	10,000

NK – nickel-plated



T-nail type TN

Model	Art. no.	Wire thickness (mm)	Length (mm)	Packaging unit (pc.)
TN 22/60 NK/10000	F440016	2.18	60	10,000
TN 22/64 NK/10000	F440017	2.18	64	10,000

NK – nickel-plated



Tip

Select the nail length so that a third of the nail is driven into the material and two thirds is driven into the backing material.

Staplers and nail guns

Round-head nailer



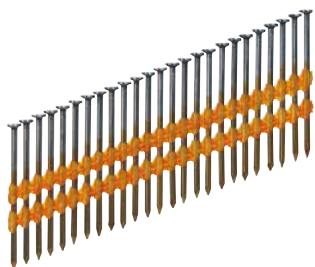
- Compact, lightweight design for easy operation and fatigue-free work
- Simple changeover between contact and single release with adaptable trigger
- Rubber handle reduces vibrations and provides insulation against the cold



Contact fuse reduces the risk of accidents

Model	Art. no.	Air requirement (l/stroke)	Working pressure (bar)	Magazine capacity	Weight (kg)
RNG-RN 90	D300071	2.9	5-8.5	63	3.3

Strip nail type RN



Model	Art. no.	Nail angle (°)	Wire thickness (mm)	Length (mm)	Packaging unit (pc.)
RN 29/65 BKH/3000	F440021	21	2.9	65	3,000
RN 31/70 BKH/3000	F440027	21	3.1	70	3,000
RN 31/80 BKH/3000	F440024	21	3.1	80	3,000
RN 31/90 BKH/3000	F440025	21	3.1	90	3,000

BKH – Blank; geharzt

Tip

Select the nail length so that a third of the nail is driven into the material and two thirds is driven into the backing material.

Paint spray guns

For a perfect spray pattern



Low pressure requirements and an optimal material transfer rate produce an extra-fine spray, even with high-viscosity materials



Stepless material and air quantity regulation for efficient working progress



Flexible adaptation of the spray pattern by adjusting from a round to a wide jet



Environmentally friendly due to VOC-compliant material transfer rate



Example: Paint spray gun FSP-FP-HTE2-1,3

The right gun and compatible accessories no matter whether you are processing water-based or solvent-based varnish, emulsion or engraving. Our paint spray guns impress with a good spray pattern and a high transfer rate – the foundation for efficient work and cost savings.

Overview of our paint spray guns

	Paint spray guns with flow cups or replaceable cups				Paint spray guns with suction cups	Paint spray guns with material connection	
	D030290	D030206	D030059	D030310; D030011; D030312; D030305	D030212	D030213	D030194
	Mini-Vario 2	FSP-AZ 2	FSP-Optimal 2001	FSP-FP-HTE2; FSP-FP-HTE2-WB	FSP-FP-HTE2 S	FSP-FP-HTE2 MA	FSP-FP 2001 M-MA
Application options							
Stains	1.0 / 1.2	1.0 / 1.2	1.3 / 1.5	1.3 / 1.5 / 1.8	1.3 / 1.5 / 1.8	1.3 / 1.5 / 1.8	-
Varnish	1.0 / 1.2	1.0 / 1.2	1.3 / 1.5	1.0 / 1.3	1.0 / 1.3	1.0 / 1.3	-
Filling compound	-	-	2.2 / 2.5	2.0 / 2.5 / 3.0 / 3.5	2.0 / 2.5 / 3.0	2.0 / 2.5	-
Filler	-	-	1.7 / 1.9	1.3 / 1.5 / 1.8	1.3 / 1.5 / 1.8	1.3 / 1.5 / 1.8	-
Primer	-	1.0 / 1.2	1.3 / 1.5	1.3 / 1.5 / 1.8	1.3 / 1.5 / 1.8	1.3 / 1.5 / 1.8	-
1-C top coat	1.0 / 1.2	1.0 / 1.2	1.3 / 1.5	1.3 / 1.5 / 1.8 / 2.0	1.3 / 1.5 / 1.8 / 2.0	1.3 / 1.5 / 1.8 / 2.0	-
2-C top coat	1.0 / 1.2	1.0 / 1.2	1.3 / 1.5	1.3 / 1.5 / 1.8 / 2.0	1.3 / 1.5 / 1.8 / 2.0	1.3 / 1.5 / 1.8 / 2.0	-
Clear varnish	1.0 / 1.2	1.0 / 1.2	1.3 / 1.5	1.0 / 1.3 / 1.5	1.0 / 1.3 / 1.5	1.0 / 1.3 / 1.5	-
Textured paint	-	-	1.9 / 2.2 / 2.5	1.8 / 2.0 / 2.5	1.8 / 2.0 / 2.5	1.8 / 2.0 / 2.5	-
Latex paint	-	-	-	-	-	2.0 / 2.5	2.0 / 2.5 / 3.0
Application areas							
Small surfaces	++	++	+	+	+	+	
Large surfaces	+	+	++	++	++	++	++
Water-based lacquers		++	+	++	++	++	++
Solvent-based varnish	++	++	++	++	++	++	++

++ very well suited + well suited

Model	Art. no.	Nozzle diameter [mm]	Air requirement [l/min]	Working pressure [bar]	Weight [kg]	Page in the catalogue
FSP-Mini-Vario 2	D030290	0.7	80-210	1-4	0.4	206
FSP-AZ 2	D030206	0.5	130-200	2-4	0.27	206
FSP-Optimal 2001-1,5	D030059	1.5	120-150	2-4	0.72	206
FSP-FP-HTE2-1,3	D030311	1.3	200-300	2-3	0.52	207
FSP-FP-HTE2-1,5	D030310	1.5	200-300	2-3	0.52	208
FSP-FP-HTE2-1,8	D030312	1.8	200-300	2-3	0.52	207
FSP-FP-HTE2 WB	D030305	1.5	200-300	2-3	0.54	207
FSP-FP-HTE2 S	D030212	1.5	80-290	2	0.82	208
FSP-FP-HTE2 MA	D030213	1.5	100-250	2	0.48	209
FSP-FP 2001 M-MA	D030194	2.5	200	2-4	0.7	209

Paint spray guns with flow cups or replaceable cups				Paint spray guns with suction cups	Paint spray guns with material connection		
D030290	D030206	D030059	D030310; D030011; D030312; D030305	D030212	D030213	D030194	
Mini-Vario 2	FSP-AZ 2	FSP-Optimal 2001	FSP-FP-HTE2; FSP-FP-HTE2-WB	FSP-FP-HTE2 S	FSP-FP-HTE2 MA	FSP-FP 2001 M-MA	

Features							
Stepless round/wide jet control	x	x	x	x	x	x	x
Material flow regulation	x	x	x	x	x	x	x
Air quantity regulation		x	x		x	x	
Suitable for replaceable cup system				x			
Nozzle and needle made of stainless steel or high-grade steel/brass – for use with water-based paints		x	x	x	x	x	x
Polished easy-to-clean surface				x	x	x	
Slotted nozzle for efficient processing and atomisation of latex paints							x
Compact design for tireless work	x	x	x	x	x	x	x
With material connection for use with material pressure vessel						x	x
With flow cup	x	x	x	x			
With suction cup					x		

X available

Paint spray guns

Mini-Vario 2 paint spray guns



- Compact gun design and 0.25 l flow cup for smaller surfaces
- Infinitely variable adjustment of the material quantity for efficient working
- Flexible adaptation of the spray pattern by adjusting from a round to a wide jet



With flow cup and 2 suction cups with adapter

Model	Art. no.	Contents	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)	Size
FSP-Mini-Vario 2	D030290	Paint guns	0.7	80-210	1-4	0.4	
DSZ 0,5 Mini-Vario 2	B030390	Nozzle set	0.5				
DSZ 0,7 Mini-Vario 2	B030391	Nozzle set	0.7				
DSZ 1,0 Mini-Vario 2	B030392	Nozzle set	1				
DSZ 1,2 Mini-Vario 2	B030393	Nozzle set	1.2				
FB 0,25 I-AZ 2	B030365	Flow cup					0.25 l

AZ 2 paint spray guns



- Versatile gun processes water-based and solvent-based materials
- Lightweight, handy design ideal for smaller surfaces
- Stepless material and air quantity regulation for efficient working progress
- Flexible adaptation of the spray pattern by adjusting from a round to a wide jet



With 0.25 l flow cup

Model	Art. no.	Contents	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)	Size
FSP-AZ 2	D030206	Paint guns	0.5	130-200	2-4	0.27	
DSZ 0,5 AZ 2	B030361	Nozzle set	0.5				
DSZ 0,8 AZ 2	B030362	Nozzle set	0.8				
DSZ 1,0 AZ 2	B030363	Nozzle set	1				
DSZ 1,2 AZ 2	B030364	Nozzle set	1.2				
FB 0,25 I-AZ 2	B030365	Flow cup					0.25 l

Optimal 2001 paint spray guns



- Large 0.5 l flow cup for universal use on small or large surfaces
- Simple setting of inlet pressure with air micrometer directly at the gun
- Stepless material and air quantity regulation for efficient working progress
- Flexible adaptation of the spray pattern by adjusting from a round to a wide jet



With stainless steel nozzle and flow cup 0.5 l with drop stop

Model	Art. no.	Contents	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)	Size
FSP-Optimal 2001-1,5	D030059	Paint guns	1.5	120-150	2-4	0.72	
DSZ 1,3 Optimal 2001	B030310	Nozzle set	1.3				
DSZ 1,5 Optimal 2001	B030311	Nozzle set	1.5				
DSZ 1,7 Optimal 2001	B030312	Nozzle set	1.7				
DSZ 1,9 Optimal 2001	B030313	Nozzle set	1.9				
DSZ 2,2 Optimal 2001	B030314	Nozzle set	2.2				
DSZ 2,5 Optimal 2001	B030315	Nozzle set	2.5				
FB 0,5 I-Optimal 2001	B030267	Flow cup					0.5 l

HTE2 paint spray guns

Common features

- Universal paint spray guns for trade with different equipment versions
- Stainless steel paint nozzle and needle for an extra-fine spray, even with high-viscosity materials
- Stepless material and air quantity regulation for efficient working progress
- Flexible adaptation of the spray pattern by adjusting from a round to a wide jet
- Environmentally friendly due to VOC-compliant material transfer rate

HTE2 paint spray guns

- Flow cup version

Flow cup 0.6 l



Model	Art. no.	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
FSP-FP-HTE2-1,3	D030311	1.3	200-300	2-3	0.52
FSP-FP-HTE2-1,5	D030310	1.5	200-300	2-3	0.52
FSP-FP-HTE2-1,8	D030312	1.8	200-300	2-3	0.52



HTE2 paint spray guns

- Flexible version compatible with flow cups and replaceable cup system

With three 0.6 l replaceable cups, 3 covers, 3 sealing plugs



Model	Art. no.	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
FSP-FP-HTE2 WB	D030305	1.5	200-300	2-3	0.54



Changing cup system

Model	Art. no.	Contents
WB-Set 5	B030413	5x cups, 5x covers, 5x sealing plugs, 5x 250 µm filters
WB-Set 50	B030414	50x cups, 50x covers, 50x sealing plugs, 50x 250 µm filters
AD-FP-HTE	B030412	Support adapter
AD-W 400	B030411	Support adapter
F-WB 250 µm /5	B030416	5x 250 µm filters (standard)
F-WB 125 µm /5	B030415	5x 125 µm filters (especially for water-based clear varnish)



Accessories

Model	Art. no.	Nozzle dia. (mm)	Contents	Size
DSZ 1,3 FP-HTE	B030012	1.3	Nozzle set	
DSZ 1,5 FP-HTE	B030013	1.5	Nozzle set	
DSZ 1,8 FP-HTE	B030014	1.8	Nozzle set	
DSZ 2,0 FP-HTE	B030015	2	Nozzle set	
DSZ 2,5 FP-HTE	B030016	2.5	Nozzle set	
DSZ 3,0 FP-HTE	B030017	3	Nozzle set	
FB 0,6 l-FP-HTE	B030018		Flow cup	0.6 l

Paint spray guns

HTE2 paint spray guns with suction cups



- With large nozzle diameter and 1.0 l suction cup, particularly suitable for painting large surfaces
- Infinitely variable adjustment of the material quantity for accurate dosage and efficient working
- Flexible adaptation of the spray pattern by adjusting from a round to a wide jet
- Environmentally friendly due to VOC-compliant material transfer rate
- Stainless steel paint nozzle and needle for an extra-fine spray, even with high-viscosity materials

✓	With polished, ergonomically optimised gun body
✓	Optimised air cap for an outstanding spray pattern and minimal overspray
✓	Suction cup 1.0 l

Model	Art. no.	Contents	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
FSP-FP-HTE2 S	D030212	Paint guns	1.5	80-290	2	0.82
DSZ 1,3 FP-HTE-S	B040162	Nozzle set	1.3			
DSZ 1,5 FP-HTE-S	B040163	Nozzle set	1.5			
DSZ 1,8 FP-HTE-S	B040164	Nozzle set	1.8			
DSZ 2,0 FP-HTE-S	B040165	Nozzle set	2			
DSZ 2,5 FP-HTE-S	B040166	Nozzle set	2.5			
DSZ 3,0 FP-HTE-S	B040167	Nozzle set	3			
SB 1,0 l	B040174	Suction cup				

Tip

Please always consult the paint data sheet from the paint manufacturer – it contains more exact information on the nozzle size you need to use.

Pressure controller



- Pressure controller with pressure gauge and plug nipple
- For regulating the inlet pressure, for all paint spray guns

Model	Art. no.	Working pressure (bar)	Mains supply
DM-FSP 1/4i	D202105	10	R 1/4"i

HTE2 paint spray guns with material connection

- Stepless material and air quantity regulation for efficient working progress
- Flexible adaptation of the spray pattern by adjusting from a round to a wide jet
- Stainless steel paint nozzle and needle for an extra-fine spray, even with high-viscosity materials
- Environmentally friendly due to VOC-compliant material transfer rate

With 3/8" material connection for use over large surfaces in combination with material pressure vessels	✓
With polished, ergonomically optimised gun body	✓
Optimised air cap for an outstanding spray pattern and minimal overspray	✓



Model	Art. no.	Contents	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
FSP-FP-HTE2 MA	D030213	Paint guns	1.5	100-250	2	0.48
DSZ 1,0 FP-HTE-MA	B040168	Nozzle set	1			
DSZ 1,3 FP-HTE-MA	B040169	Nozzle set	1.3			
DSZ 1,5 FP-HTE-MA	B040170	Nozzle set	1.5			
DSZ 1,8 FP-HTE2 MA	B040171	Nozzle set	1.8			
DSZ 2,0 FP-HTE2-MA	B040172	Nozzle set	2.0			
DSZ 2,5 FP-HTE-MA	B040173	Nozzle set	2.5			

Paint spray gun

- High-performance material spray gun with an ergonomic design and outstanding capacity to process high-quality materials, particularly suitable for continuous use
- Stepless material and air quantity regulation for efficient working progress

With 3/8" material connection for use over large surfaces in combination with material pressure vessels	✓
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Model	Art. no.	Contents	Nozzle dia. (mm)	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
FSP-FP 2001 M-MA	D030194	Paint spray gun	2.5	200	2-4	0.7
DSZ 2,0 FP 2001 M-MA	B030340	Nozzle set	2			
DSZ 2,5 FP 2001 M-MA	B030341	Nozzle set	2.5			
DSZ 3,0 FP 2001 M-MA	B030342	Nozzle set	3			

Viscosity measuring cups

Model	Art. no.
B-Ford 4	B030079

For determining lacquer viscosity in acc. with Ford-4 / DIN EN ISO 2431	✓
Easy to clean plastic vessel with 4 mm opening	✓



Breathing mask

- For organic gases and vapours with 2 replaceable A1 activated carbon filters according to DIN EN 14387

With retaining ring and 2 prefilters	✓
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Model	Art. no.	Contents
ATM-A1	D770128	Breathing mask
F-ATM	B030157	Spare filter
VF-ATM / 10	B030153	Prefilter



An overview of our material pressure vessels

	MDB-FDB 2	MDB 10	MDB 24	MDB 24 ZN	MDB 40 V4A
	D040056	D040055	D040061	D040063	D040086
Application options					
Latex paint	✓	✓	✓	✓	✓
Colour or multiple effect paints	✓	✓	✓	✓	✓
Wallpaper solvent	✓	✓	✓	✓	✓
Impregnation	✓	✓	✓	✓	✓
Penetrating stopper material	✓	✓	✓	✓	✓
Glazes	✓	✓	✓	✓	✓
Cleaning agent	✓	✓	✓	✓	✓
Primer	✓	✓	✓	✓	✓
Top coat	✓	✓	✓	✓	✓
Spraying plaster				✓	✓
Liquid wood chip				✓	✓
Concrete primer				✓	✓
Sand blasting				✓	✓
Cotton, textile fibre and cellulose plaster					✓

Material pressure vessel model overview

Model	Art. no.	Working pressure [bar]	Vessel volume [l]	Weight [kg]	Page in the catalogue
MDB-FDB 2	D040056	0-4	2	1.4	212
MDB 10	D040055	6	10	3.4	212
MDB 24	D040061	8	24	18.6	212
MDB 24 ZN	D040063	8	24	25.5	213
MDB 40 V4A	D040086	8	40	27	213

Material pressure vessels

For processing a range of materials – ideal for large surfaces



Pressure reducer adjusts the material pressure to ensure that the relevant material is processed efficiently



Ball valves at the material outlet and safety catches on the cover make it easier and safer to work with the pressurised vessel



Large wheels and sturdy frame for greater mobility



Possibility of processing different materials such as latex paint, clear coats, plaster, cellulose, chips, etc., for greater versatility



Example: Spray boy MDB 24 ZN

Our extremely versatile material pressure vessels are suitable for processing paint, lacquers and varnishes, priming, sandblasting and staining, for cleaning agent, wallpaper stripper or spraying plaster and numerous other application areas.

Material pressure vessels

Paint and material pressure vessel

Common features

- Different versions suitable for applying a range of materials such as emulsion, varnish, plaster, cellulose, chips, etc.
- Pressure reducer allows perfect adjustment of material pressure to the material being processed
- Ball valves at the material outlet and safety catches on the cover make it easier and safer to work with the pressurised vessel

Paint pressure vessel



- Non-corrosive aluminium vessel with carrying handle makes work easier

✓	With multi-purpose material hose, 1.5 m
✓	Large screw cover for effortless filling and cleaning of vessel

Model	Art. no.	Working pressure (bar)	Tank vol. (l)	Weight (kg)
MDB-FDB 2	D040056	0-4	2	1.4

Material pressure vessels



- Pressure reducer allows perfect adjustment of material pressure to the material being processed

✓	Material connection 3/8" a with internal cone
✓	With vessel vent cock

Model	Art. no.	Working pressure (bar)	Tank vol. (l)	Weight (kg)
MDB 10	D040055	6	10	3.4

Paint boy



- Large wheels and stable frame provide a high degree of mobility

✓	Material connection 3/8" a with internal cone
✓	With plastic inner vessel

Model	Art. no.	Working pressure (bar)	Tank vol. (l)	Interior tank vol. (l)	Weight (kg)
MDB 24	D040061	8	24	16	18.6

Spray boy

- Large wheels and stable frame provide a high degree of mobility
- Also suitable for sandblasting

2 material connections (1 large claw coupling, 1 x connecting thread 3/8" a)	✓
2 pressure reducers with pressure gauges for adjusting the material and working pressure	✓
Spray boy 24: with galvanised vessel	✓
Spray boy 40: with V4A vessel	✓

Model	Art. no.	Working pressure (bar)	Interior tank vol. (l)	Tank vol. (l)	Weight (kg)
MDB 24 ZN	D040063	8	16	24	25.5
MDB 40 V4A	D040086	8		40	27



Material pressure plate

Model	Art. no.
MDP-V2A	B012087

- Self-sealing pressure plate made of V2A steel guarantees even pressure distribution in the Spray boy
- Ball valve for the automatic closing of empty vessel prevents air bubbles in the material flow



Multi-purpose material hose

- For material pressure vessels
- Resistant against diluting agents

Model	Art. no.	Material connection (")	Length (m)	Material hose (mm)	Air hose (mm)
SL-Set-M13-D10-10m	D740008	3/8i	10	13x4	10x2.7
DLS-Set-M9-D10-5m	D740002	3/8i	5	9x3	10x2.7
SL-Set-M9-D6/1,5m	D740109	3/8i	1.5	9x3.5	6x3



Material pressure vessels

Pressure spray gun



- For use with pressure blasting device DSG 10, material pressure vessel MDB 24 ZN and MDB 40 V4A

Model	Art. no.	Air requirement (l/min)	Weight (kg)	Nozzle dia. (mm)	Contents
SSP-DSP	D030034	300	0.66	5	Pressure spray gun
ED-DSG	B030028				Nozzle

Multi-purpose material hose



- For sandblasting with pressure spray gun SSP-DSP, material pressure vessel MDB 24 ZN or MDB 40 V4A

Model	Art. no.	Suitable for	Length (m)
SL-Set-M12,7-D6/5m	D740009	Material pressure vessels	5
SL-Set-M12,7-D6/10m	D740010	Material pressure vessels	10

Spraying lance



Model	Art. no.	Length (mm)
SPL 750	D900512	750

✓	With universal nozzle, hand valve and locking device for trigger
✓	Including 3/8" a material connection for use with material pressure vessels

Material pressure hose



- For material pressure vessels

- Resistant against diluting agents

Model	Art. no.	Material connection (")	Length (m)	Material hose (mm)
SL 15x9/10m	D740006	3/8i	10	9x3

Plaster sprayers

For the large-scale application
of different types of materials



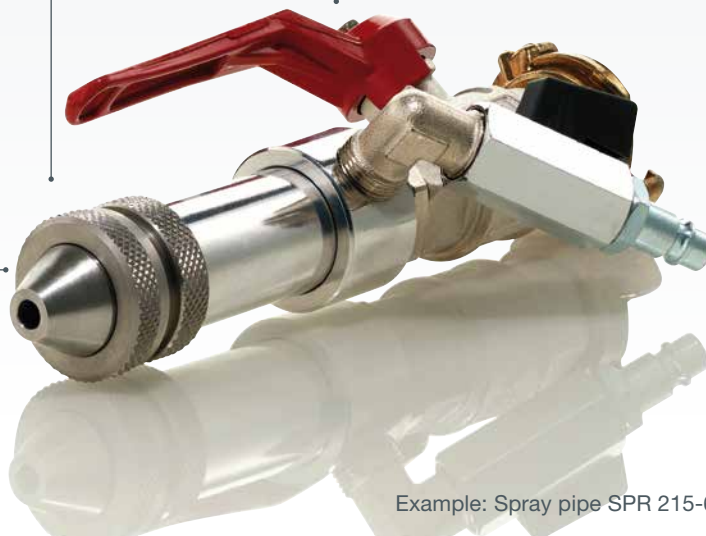
Ideal for viscous materials
thanks to large diameter



Material and air stoppage cock
for easy operation



Internal mixing system
in the nozzles mixes the
material efficiently



Example: Spray pipe SPR 215-6.5

Our spray equipment for plaster is extremely versatile and thus the ideal companion on the construction site. We also offer spray pipes for viscous materials such as emulsion paint, mineral/synthetic plaster, as well as funnel spray guns for processing rough plaster, fibre plaster, chips, straw and flock coatings, etc.

Plaster sprayers

Funnel spray gun



- Versatile range of accessories for flexible use, e.g. for spraying rough plaster, fibre plaster, chips, straw and flock coating, etc.
- Suitable for spraying walls and ceilings thanks to 45° accessory angle

- ✓ Material control valve for processing plaster with max. grit size of 3 mm
- ✓ Locking clip on trigger makes working over large areas easier
- ✓ Standard features include: nozzle dia. 4, 6 and 8 mm for plaster and nozzle dia. 15 and 18 mm for chips, etc.

Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
TSP	D030063	225	5	1.26

Accessories

Model	Art. no.	Contents	Nozzle dia. (mm)	Size
ED 4,5 HW-TSP	B030350	Nozzle	4.5	
ED 6,0 HW-TSP	B030351	Nozzle	6	
ED 8,0 HW-TSP	B030352	Nozzle	8	
ED 15,0 HW-TSP	B030353	Nozzle	15	
ED 17,5 HW-TSP	B030354	Nozzle	17.5	
FB 5,0 I-HW-TSP	B030355	Flow cup		5.0 l

Spray pipe



- Large 6.5 mm nozzle for viscous materials such as emulsion paint, mineral and plastic plaster
- V2A steel nozzles for a very long service life
- Material and air stoppage cock for easy operation
- Internal mixing system in the nozzles mixes the material perfectly

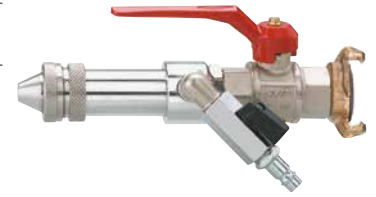
- ✓ Version with long plastic handle

Model	Art. no.	Length (mm)	Air requirement (l/min)	Weight (kg)	Nozzle dia. (mm)
SPR 330-6,5	D900514	330	300	1.2	6.5

Spray pipe

- Large 6.5 mm nozzle for viscous materials such as emulsion paint, mineral and plastic plaster
- V2A steel nozzles for a very long service life
- Material and air stoppage cock for easy operation
- Internal mixing system in the nozzles mixes the material perfectly

Compact version



Model	Art. no.	Length (mm)	Air requirement (l/min)	Weight (kg)	Nozzle dia. (mm)
SPR 215-6,5	D900521	215	300	0.9	6.5
SPR 215-8,5	D900529	215	300	0.9	8.5

Accessories

Model	Art. no.	Nozzle dia. (mm)	Contents
SPW 70°	D900527		70° spraying angle for easy work in corners and tight spaces
ED 4,5-2 SPR	B030175	4.5	Nozzle
ED 6,5-2 SPR	B030176	6.5	Nozzle
ED 8,5-2 SPR	B030177	8.5	Nozzle
ED 10,5-2 SPR	B030178	10.5	Nozzle
ED 2,0 SPR	B030179	2	Nozzle
ED 4,5-1 SPR	B030189	4.5	Nozzle
ED 6,5-1 SPR	B030186	6.5	Nozzle
ED 8,5-1 SPR	B030187	8.5	Nozzle
ED 10,5-1 SPR	B030188	10.5	Nozzle

Multi-purpose material hose

- For material pressure vessels

Model	Art. no.	Material connection (")	Length (m)	Material hose (mm)	Air hose (mm)
SL-Set-M19-D9-8m	D740052	Claw coupling	8	19x4	9x3



Tip

When spraying plaster, always open the air valve first and then the material valve to prevent the air holes in the nozzle from clogging.

Spray guns

For applying liquids –
Even in areas that are difficult to access



Large filler opening
makes the suction cup
easy to fill and clean



Low air consumption,
also compatible with
small compressors



Material flow regulation
for the efficient, accurate control
of the relevant material

Example: Spray gun SPP-SM

Thanks to their low air requirement, these spray guns can be easily used with small compressors and are therefore very efficient. They are perfect for degreasing, deoiling, flushing, disinfecting and spraying wood preservatives and pesticides. They can be used in automotive engineering and agriculture.

Spray guns

Common features

- Different versions of spraying equipment for a wide variety of applications such as degreasing, flushing, oiling, disinfecting, plant protection, etc.
- Particularly handy, user-friendly devices with lightweight and transparent design
- Infinitely variable adjustment of the material quantity for accurate dosage and efficient working

Spray gun

- ✓ Aluminium gun and suction cup
- ✓ With material and air quantity regulation



Model	Art. no.	Working pressure (bar)	Air requirement (l/min)	Weight (kg)	Tank vol. (l)
SPP-SM	D040008	3-6	120-220	0.64	1

Accessories

Model	Art. no.	Contents
SB 1,0 l-SM	B040007	Suction cup

Spray gun

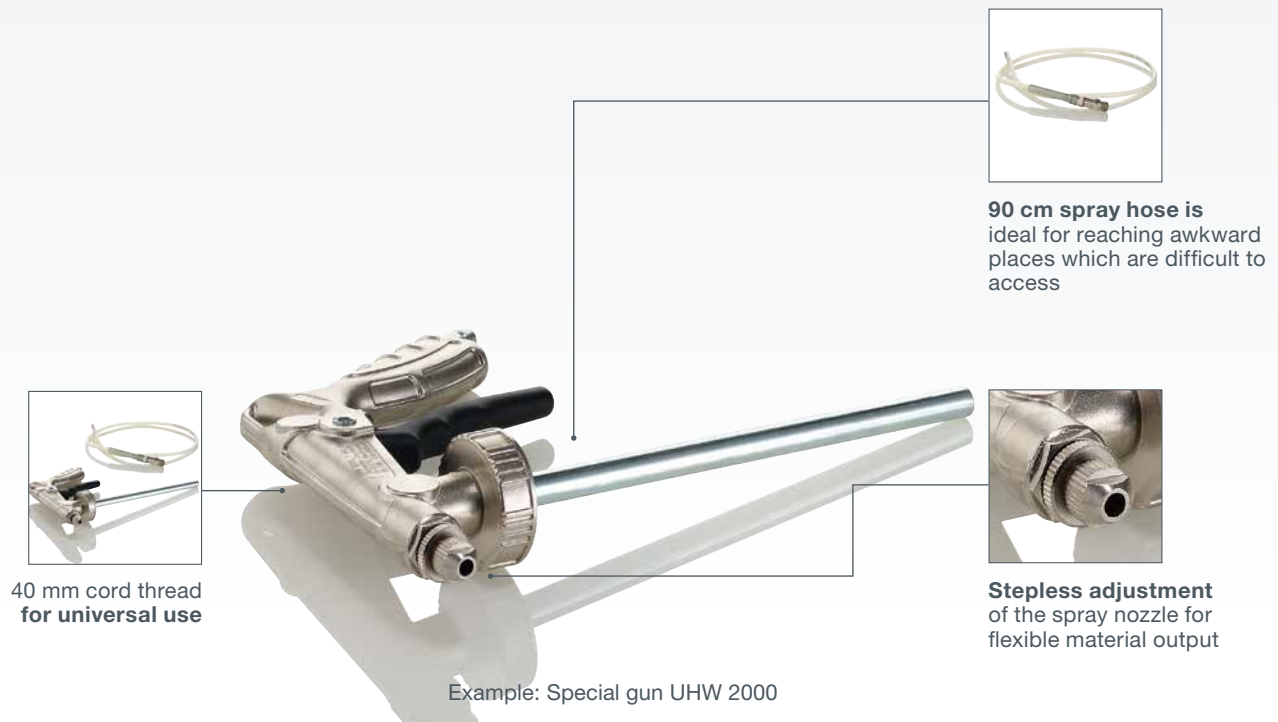
- ✓ With robust, chemical-resistant Hostage vessel
- ✓ Swivelling nozzle head achieves good spraying results, even in places with limited access



Model	Art. no.	Working pressure (bar)	Air requirement (l/min)	Weight (kg)	Tank vol. (l)
SPP-SE	D040006	1-10	50-150	0.86	0.7

Special gun

Ideal for spraying
cavity sealings and underbody protection



These special guns are ideal for spraying body-cavity sealing, as well as underbody protection. With the connecting piece to the cord thread, it can be used with different containers. With the 900 mm long spray hose it can also be used in awkward spots which are difficult to access.

Multi-purpose gun

- Universal due to option of using spray nozzle or 90 cm spray hose, e.g. applying underbody protection or body-cavity sealing
- Stepless adjustment of the spray nozzle for flexible material output

✓	Standard features include: 90 cm spray hose
✓	For standard cans with 40 mm cord thread



Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Weight (kg)
UHW 2000	D040052	120-180	4-6	0.53

Grease gun

Particularly suitable for lubricating vehicles and machines



Quick and easy working progress with two convenient venting valves



The flexible gun can be operated using standard cartridges or filling grease via the filling nipple



4-claw retainer system for perfect grip of the grease nipple



Example: Grease gun FP-A

Grease gun



- Flexible options for filling the gun: Standard cartridges or grease injected into the filling nipple
- 4-claw retainer system for perfect grip of the grease nipple
- Quick and easy working progress with two convenient venting valves
- 1:40 pressure ratio when filling for comfortable working. 6 bar of inlet pressure generate 240 bar of pressure at the hydraulic nipple

- ✓ Manual grease gun: A shot of grease is produced every time the trigger is pressed
- ✓ Automatic grease gun: Grease is conveyed as long as the trigger lever is actuated

Model	Art. no.	Air requirement (l/stroke)	Working pressure (bar)	Weight (kg)	Connection hose (mm)
FP-M	D040025	0.6	2-10	1.5	200
FP-A	D040026	0.6	2-10	1.5	800

Tip

The ideal temperature for handling grease is room temperature (18-22°C).

With the long hose these grease guns easily reach awkward spots which are difficult to access. Whether it is vehicles and agricultural machinery or industrial, transport or conveying systems – they can be used flexibly with the various filling options. They are also the only types of grease guns which can be easily vented in the case of air pockets through two venting valves.

Cartridge guns

Individually adjustable –
For joining or gluing



Quick-vent valve prevents the material from dripping to maintain a clean working environment



Variable use thanks to use of standard plastic cartridges or material pouches



Gun handle positioned at the rear makes working in recesses easier



Extremely accurate dosage thanks to infinitely variable speed regulation

Example: Cartridge gun KTP 310 DR

These cartridge guns can be individually set and adjusted depending on the application – with the infinitely variable speed regulation for accurate dosage of the material. They are the perfect partner for sealing joints in glass, ceramics, wood or iron, as well as for bonding windscreens.

An overview of our cartridge guns

	D040118	D040138	D040137	D040130
	KTP 310 DR	KTP 310 ALU	KTP 310	SIP 600
Application options				
Grouting	✓	✓	✓	✓
Jointing	✓	✓	✓	✓
Material container				
310 ml plastic cartridges	✓	✓	✓	
310 ml aluminium cartridges		✓		
310 ml bag		✓		
600 ml bag				✓
Material type				
Silicone	✓	✓	✓	✓
Acrylic	✓	✓	✓	✓
Window adhesive	✓	✓	✓	✓
Sealant	✓	✓	✓	✓
Grease	✓	✓	✓	✓
Features				
Maximum diameter of the cartridges/bags	50 mm	50 mm	50 mm	50 mm
Quick-vent valve prevents material from dripping	X	X	X	X
Precision regulation of material quantity and speed	X	X	X	X
Union nut with rubber coating prevents surface damage	X	X	X	X
Smooth surface for quick and easy cleaning	X	X	X	X
Compact design for tireless work	X	X	X	X
Central handle			X	X
Rotary handle for flexible operation	X	X		
Safety chain prevents ejection of the piston and subsequent injuries				X

✓ suitable

X available

Cartridge guns

- Option of using standard plastic cartridges or material pouches for greater versatility
- Extremely accurate dosage thanks to infinitely variable speed regulation
- Quick-vent valve prevents the material from dripping to maintain a clean working environment

KTP 310 DR

- Rear gun handle allows work in recesses
- Rotary cartridge holder for easier working, even after changing direction
- For standard 310 ml plastic cartridges



KTP 310 ALU

- Long telescope piston for efficient material feed
- Rear gun handle allows work in recesses
- Rotary cartridge holder for easier working, even after changing direction
- For aluminium and plastic cartridges, as well as pouches up to 310 ml



KTP 310

- Central handle for optimal centre of gravity and fatigue-free work
- For standard 310 ml plastic cartridges



SIP 600

- Central handle for optimal centre of gravity and fatigue-free work
- For standard pouches up to 600 ml



Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Length (mm)	Weight (kg)
KTP 310 DR	D040118	60	10	355	0.46
KTP 310 ALU	D040138	100	8	460	0.98
KTP 310	D040137	100	8	318	1.04
SIP 600	D040130	100	8	510	1.32

Needle descalers

Flexible use –
For derusting, roughing and fettling



Robust solid metal housing
for a long service life



Needles made of special steel
for a long useful life



Needles can be easily replaced
by turning the guide sleeve, no tools required

Example: Needle descaler NP 12-500

These needle descalers impress with their particularly long service life thanks to the robust metal housing and the high useful life of the needles made from special steel. They are ideally suited for removing coarse rust, welding slag and paint, processing stone, fettling welded seams, roughing surfaces and removing residual plaster and concrete from reinforcing steel.

NEW

Straight needle descaler

- Compact design for working in tight spaces
- Guide bush easy to remove for rapid needle replacement, no tools required
- Fatigue-free work due to low weight

- ✓ Robust metal casing for a long service life
- ✓ Very durable with needles made from special steel, 3.0 mm Ø



Model	Art. no.	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Number of needles (pc.)	Weight (kg)
NP 12-5000	D322416	3	6.3	5.000	12	1.3

NEW

Gun needle descaler

- Robust metal casing for a long service life
- Very durable with needles made from special steel, 3.0 mm Ø

NP 19-3700

- Gun handle for enhanced ergonomics
- Adjustable needle guide for adaptation to different applications
- Rubber handle reduces vibrations



NP 28-3500

- Gun handle for enhanced ergonomics
- Adjustable needle guide for adaptation to different applications
- High impact power for hard materials



Model	Art. no.	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Number of needles (pc.)	Weight (kg)
NP 19-3700	D322417	3	6.3	3,700	19	2.7
NP 28-3500	D322418	4.8	6.3	3,500	28	3.5

Replacement needles

Model	Art. no.	Contents
AT 12	B322279	Set with 12 pieces for NP-AT 12 & NP 12-5000
AT 28	B322281	Set with 28 pieces for NP-AT 28 & NP 28-3500
NP 19	B322282	Set with 19 pieces for NP 19-3700



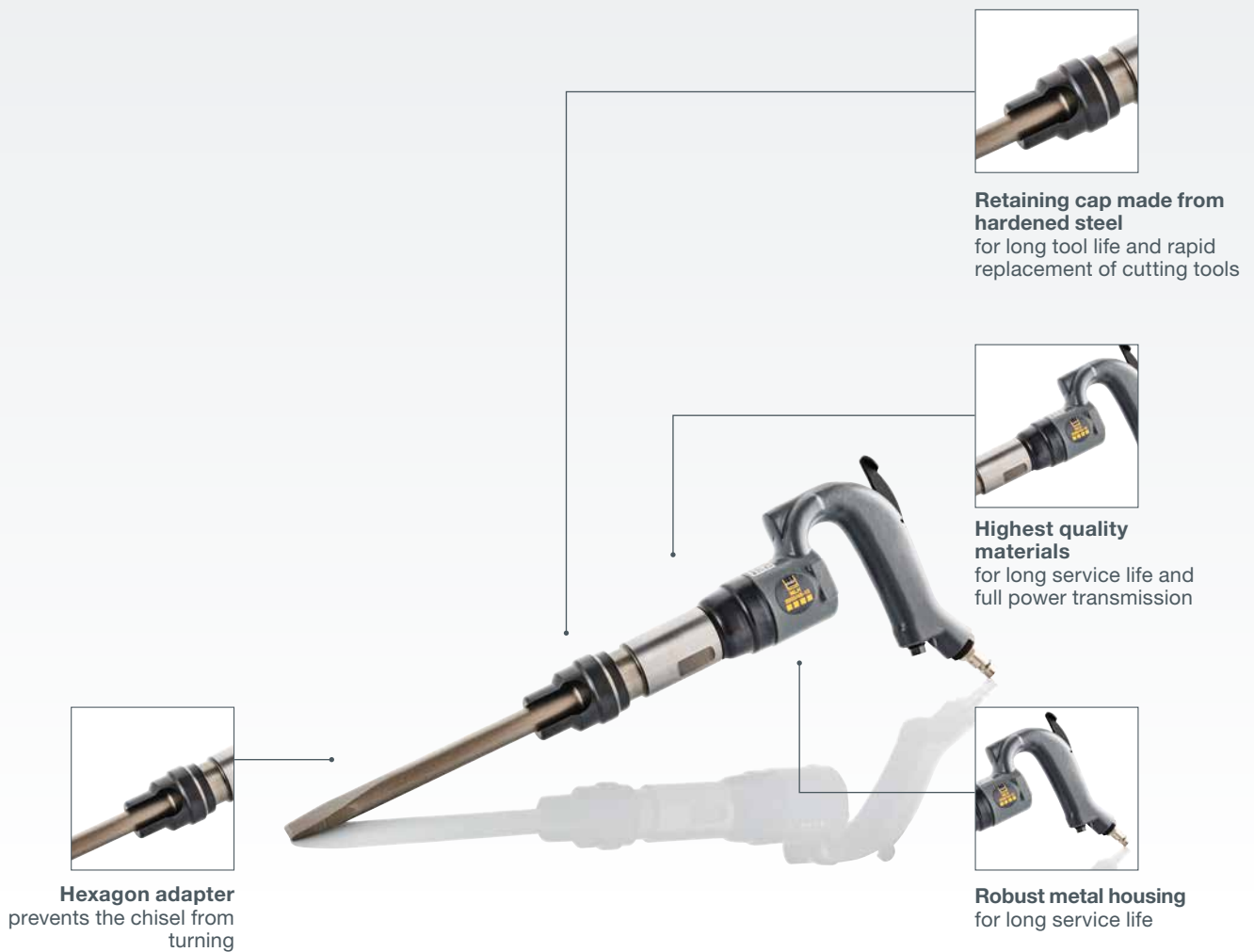
Tip

When derusting, you can achieve the best results by removing the majority of the rust with the needle gun and then blasting the remaining fine rust particles with the sandblasting device.

Model	Art. no.	Air requirement [l/s]	Number of impacts [min ⁻¹]	Stroke length [mm]	Weight [kg]	Page in the catalogue
MLH Set-Base	D322430	2.5-4.0	3,000	65	1.5	230
MLH 5000/41-10	D322431	9.9	5,000	41	1.4	230
MLH 3000/56-10	D322432	10.7	3,000	56	1.9	230
MLH 3000/45-12	D322433	10.8	3,000	45	2.6	231
MLH 2500/76-10	D322434	9.5	2,500	76	2.3	231

Chisel hammers

High impact power
and low weight



Example: Chisel hammer MLH 3000/45-12

These chisel hammers are suitable for work on masonry, brick, glass concrete, hollow blocks, gypsum plasterboards, pumice stones, slag blocks or similar materials. Whether it is moil point chisels, flat chisels, boasting chisels, sheet metal cutting chisels or grooving chisels – here you find the right chisel hammer with the compatible accessories for your application.

Chisel hammers

NEW

Chisel hammer 10 mm



- Light chisel hammer for universal application in industry and for DIY
- Cross-slot holding cap for the quick replacement of chisels without using tools

- ✓ Hexagonal bolt of chisel holder prevents the chisel from rotating
- ✓ Air control valve for stepless adaptation of the impact power to suit different materials
- ✓ In plastic case with 175 mm pointed and flat chisel, sheet metal separator and cutter and bolt removal device

Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Stroke length (mm)	Weight (kg)
MLH Set-Base	D322430	10	2.5-4.0	4-6	3,000	65	1.5

NEW

Chisel hammer 10 mm



- Ideal for sheet metal separation in the automotive and metal trade thanks to high number of blows
- Compact design for use in cramped spaces
- Cross-slot holding cap for the quick replacement of chisels without using tools

- ✓ Hexagonal bolt of chisel holder prevents the chisel from rotating
- ✓ Air control valve for stepless adaptation of the impact power to suit different materials
- ✓ In plastic case with 125 mm pointed and flat chisel, sheet metal cutter and bolt removal device

Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Stroke length (mm)	Weight (kg)
MLH 5000/41-10	D322431	10	9.9	6.3	5,000	41	1.4

NEW

Chisel hammer 10 mm



- Universal application in construction trade and metalworking
- High impact power for hard materials
- Compact, lightweight design for effortless work
- Rubber handle reduces vibrations and insulates against the cold

- ✓ Hexagonal bolt of chisel holder prevents the chisel from rotating
- ✓ Air control valve for stepless adaptation of the impact power to suit different materials
- ✓ In plastic case with 175 mm pointed and flat chisel, sheet metal separator and cutter and bolt removal device

Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Stroke length (mm)	Weight (kg)
MLH 3000/56-10	D322432	10	220	4-6	4,500	41	1.9

NEW

Chisel hammer 10 mm



- Very high impact energy for hard materials
- Low vibrations for fatigue-free work
- Long stroke length for more energy when chiselling
- Cross-slot holding cap for the quick replacement of chisels without using tools

- Hexagonal bolt of chisel holder prevents the chisel from rotating ✓
- In plastic case with 175 mm pointed and flat chisel, sheet metal separator and cutter and bolt removal device ✓
- Vibration-proof ✓

Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Stroke length (mm)	Weight (kg)
MLH 2500/76-10	D322434	10	9.5	6.3	2,500	76	2.3

NEW

Chisel hammer 12 mm

- For tough applications on the construction site
- Highest impact energy for toughest materials
- Chisel cap made from hardened steel for longer life and fast change of chisels

Hexagonal bolt of chisel holder prevents the chisel from rotating	✓
For 12 mm chisel for better power transmission	✓
Incl. pointed and flat chisel, 250 mm long	✓



Model	Art. no.	Socket (hexagonal)	Air requirement (l/s)	Working pressure (bar)	Stamping number (rpm)	Stroke length (mm)	Weight (kg)
MLH 3000/45-12	D322433	12	10.8	6.3	3,000	45	2.6

Tip

All chisels from our product range are manufactured from high-alloy tool steel and are easy to sharpen.

Chisel 10 mm

Model	Art. no.	Version	Dimensions (length x width) (mm)
ML10-S 200x12	B322255	Moil point chisel	200x12
ML10-F 180x20	B322256	Flat chisel	180x20
ML10-F 250x20	B322253	Flat chisel	250x20
ML10-BG 180x50	B322258	Boasting chisel, straight	180x50
ML10-BK 180x50	B322260	Boasting chisel, curved	180x50
ML10-BS 135x18	B322363	Sheet metal cutting chisel	135x18
ML10-F 250x12 HSS	B322370	Flat chisel	250x12



Chisel 12 mm

Model	Art. no.	Version	Suitable	Shank (mm)	Dimensions (length x width) (mm)
ML12-S 270x20 HSS	B323005	Moil point chisel	MLH-SMH 19	12.4	270x20
ML12-F 190x20 HSS	B323001	Flat chisel	MLH-SMH 19	12.4	190x20
ML12-F 270x20 HSS	B323002	Flat chisel	MLH-SMH 19	12.4	270x20
ML 11,7-S 250x14	B322266	Moil point chisel	MLH 300/45-12	11.7	250x14
ML 11,7-F 190x20	B322267	Flat chisel	MLH 300/45-12	11.7	190x20
ML 11,7-F 250x20	B322268	Flat chisel	MLH 300/45-12	11.7	250x20



Retaining cap

Model	Art. no.
HK-K-MHM/Kfz/Base	B323029
HK-K-MMH 10	G408579
SSF-SM/Kfz	B322249
HK-K-MLH 3000/45-12	B322433
HK-K-MLH 10mm	B322430



Retaining cap

Model	Art. no.
HK-K-SMH 19	B323018



Tip

Avoid no-load impacts to extend the service life of retaining caps and rubber buffers.

Blasting device model overview

Model	Art. no.	Air requirement [l/min]	Grit [mm]	Nozzle dia. [mm]	Weight [kg]	Page in the catalogue
SSP-Strahlfix	D030030	150	max. 0.8	5	0.64	234
SSP-Strahlfix staubfrei	D030263	150	max. 0.8	5	0.9	234
SSP-SAV	D030025	280	max. 0.8	5	0.8	234
SSP-SAW 4 SYS	D030262	320-400	max. 0.8	6	0.88	234
SSP-DSP	D030034	300	0.2-0.8	5	0.66	235
DSG 10	D040096	250-300	0.2-0.8		27	235

Blasting devices

Universal spray guns –
For spraying a wide range of blasting abrasives



Our blasting devices are suitable for blasting, derusting, roughening, material removal, matting, reinforcing, etc., in trade and DIY. They can be used to process the surfaces of metals, concrete, masonry, sandstone, timber, etc.

Blasting devices

Spray gun

- Different versions of universal spray guns for a range of blasting abrasives
- Specially selected hard materials extend the service life of the nozzles
- Suction cup (1 l) with large opening enables rapid filling



SSP-Strahlfix

- Long jet nozzle for improved penetration
- For blasting abrasive with grit up to 0.8 mm



SSP-Strahlfix staubfrei

- Flexible use thanks to different attachments
- With collection bag, the blasting abrasive can be reused
- For blasting abrasive with grit up to 0.8 mm



SSP-SAV

- Long jet nozzle for improved penetration
- Hardened Venturi nozzle for enhanced acceleration of the blasting abrasive
- For blasting abrasive with grit up to 0.8 mm



SSP-SAW 4 SYS

- Standard 1.30 m hose suitable for direct removal from vessels or bags
- For blasting abrasive with grit up to 0.8 mm
- In Systainer with carbide nozzle



Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Grit (mm)	Nozzle dia. (mm)	Weight (kg)
SSP-Strahlfix	D030030	150	6	max. 0.8	5	0.64
SSP-Strahlfix staubfrei	D030263	150	6-8	max. 0.8	5	0.9
SSP-SAV	D030025	280	7	max. 0.8	5	0.8
SSP-SAW 4 SYS	D030262	320-400	7	max. 0.8	6	0.88

Tip

Blasting devices should preferably be operated with dry compressed air to prevent the nozzle from becoming blocked. Install an additional water separator upstream of the gun to achieve outstanding results.

Accessories

Model	Art. no.	Contents
ED-Strahlfix	B030030	Nozzle
ED 5,0 SAV	B030026	Nozzle
ED-SAW 4	B030399	Nozzle
Set-Strahlfix	B030029	Nozzle set, dust-free

Pressure blasting device

- Pressure reducer for adapting the material pressure perfectly to the surface hardness
- Large wheels and stable frame provide a high degree of mobility

Water separator at air inlet



Supplied with blasting hose unit 10 m and pressure spray gun



Model	Art. no.	Air re-quirement (l/min)	Working pressure (bar)	Material pressure (bar)	Weight (kg)	Tank vol. (l)	Grit (mm)
DSG 10	D040096	250-300	5-8	0.5-2	27	24	0.2-0.8



Pressure spray gun

- For use with pressure blasting device DSG 10, material pressure vessel MDB 24 ZN and MDB 40 V4A

Model	Art. no.	Air requirement (l/min)	Weight (kg)	Nozzle dia. (mm)
SSP-DSP	D030034	300	0.66	5
ED-DSG	B030028			



Tip

Even wood can be blasted effectively if sufficient distance is maintained between the blasting object and the jet nozzle.

Protective spray hood

- Robust plastic housing with neck protection for greater safety and wearing comfort
- Large, replaceable glass inspection window for a clear view of the workpiece

Model	Art. no.	Weight (kg)	Contents
STSH	D770121	0.45	Protective spray hood
SBE-Acetat 90x110 STSH	G526002		Inspection window
SBE-Min-glas 90x110 STSH	G526003		Inspection window



Blasting abrasive

- Ground blast furnace slag
- Non-hazardous and health-friendly
- Suitable for all listed spray guns and blasting devices

Model	Art. no.	Grit (mm)
STM-HOS 8,0 kg	B030031	0.2-0.8



Tyre pressure gauge model overview

Model	Art. no.	Working pressure [bar]	Max. working pressure [bar]	Hose length [cm]	Weight [kg]	Page in the catalogue
RF 12 MG	D004021	0.7-12	15	150	0.8	238
RF 12 MG 2,5	D004026	0.7-12	15	250	0.8	238
RF 12 DVG 0,8	D004027	0.7-12	15	80	0.8	238
RF-RM „geeicht“	D004017	10		41	0.36	238
RF-RM	D040011	7		41	0.40	239
RF-RMG	D004009	0-12		46 + 30	0.90	239
RF-RMG-K	D004011	0-12		45	0.70	239

Tyre pressure gauges

Extremely robust, exceptionally precise –
For motorcycles, passenger cars,
transporters and trucks



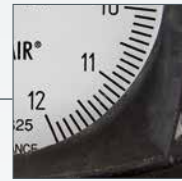
Unbeatable for everyday use in the workshop, with extremely robust, impact-resistant housing



Pressure gauge calibrated according to EEC type approval for maximum precision



Ergonomic buttons for precise regulation of the air flow rate



Large application range with pressure range from 0.7 to 12 bar



Example: Tyre pressure gauge RF 12 MG

Choose between our standard or professional tyre inflators with or without calibration function and select any version of calibrated tyre inflator between straight plug-in valve or filling station plug (double-sided valve connector) and different hose lengths.

Tyre pressure gauges

Tyre pressure gauge - calibrated for tyres up to 12 bar

- Pressure gauge calibrated according to EEC type approval for maximum precision
- Ergonomic buttons for precise regulation of the air flow rate
- Unbeatable for everyday use in the workshop, with extremely robust, impact-resistant housing
- Large application range with pressure range from 0.7 to 12 bar



RF 12 MG

- Simple operation thanks to straight plug-in valve
- 1.5 m hose for particularly efficient working progress



RF 12 MG 2.5

- Simple operation thanks to straight plug-in valve
- 2.5 m hose for increased safety distance in accordance with BG recommendation BGI 884



RF 12 DVG 0.8

- Particularly suitable for tyres with limited accessibility (such as twin tyres), with valve connector on both sides for use at petrol stations
- 0.8 m long hose for pleasant, flexible work

Model	Art. no.	Working pressure (bar)	Max. working pressure (bar)	Temperature-resistant up to (°C)	Hose length (cm)	Weight (kg)
RF 12 MG	D004021	0.7-12	15	-20 – +60	150	0.8
RF 12 MG 2,5	D004026	0.7-12	15	-20 – +60	250	0.8
RF 12 DVG 0,8	D004027	0.7-12	15	-20 – +60	80	0.8

Tyre pressure gauge „calibrated“



- Pressure gauge calibrated according to EEC type approval for maximum precision
- Simple operation thanks to straight plug-in valve
- Ideal for DIY and use at home

✓	Calibrated
✓	Pressure gauge dia. 60 mm with rubber protection

Model	Art. no.	Working pressure (bar)	Hose length (cm)	Weight (kg)	Pressure gauge dia. (mm)
RF-RM „geeicht“	D004017	10	40	0.36	63

Tip

The initial calibration is valid for 2 years and begins on 31.12 of the production date (not invoicing date). The device must be recalibrated once this period has lapsed.

Tyre pressure gauge

- Robust aluminium body extends the service life of the device
- Simple operation thanks to straight plug-in valve
- Ideal for DIY and use at home

Pressure gauge dia. 60 mm with rubber protection ✓

Includes 3 replaceable nozzle attachments ✓

Model	Art. no.	Working pressure (bar)	Hose length (cm)	Weight (kg)	Pressure gauge dia. (mm)
RF-RM	D040011	7	41	0.4	60



Tyre pressure gauge

- Robust aluminium body extends the service life of the device
- Connection hose with rotating adapter for easier working

Pressure gauge 80 mm dia. with rubber protection ✓

RF-RMG features:
Double-sided valve connector ✓

RF-RMG-K features:
Rocker arm connector ✓

Model	Art. no.	Working pressure (bar)	Hose length (cm)	Weight (kg)	Pressure gauge dia. (mm)
RF-RMG	D004009	0-12	46 + 30	0.9	80
RF-RMG-K	D004011	0-12	45	0.7	80



Accessories

Model	Art. no.
ED-Set-RM	B040160
SL-1,5m-kpl-M	B004020
SL-2,5m-kpl-M	B004021
SL-0,8m-DV	B004022



Sets & Accessories

The right accessories
for every compressed air tool



Tool set

DL-WZ-Set 5-pc.

- Set consists of tyre pressure gauge, spiral hose (5 m long), blow guns, spray guns and paint spray guns
- With 3 replaceable nozzle attachments (incl. adapter for bicycle tyres and ball needles)



DL-WZ-Set 3-pc.

- Set consists of tyre pressure gauge, spiral hose (4 m long) and blow gun
- With 3 replaceable nozzle attachments (incl. adapter for bicycle tyres and ball needles)



Model	Art. no.	Air requirement (l/min)	Working pressure (bar)	Hose length (cm)
DL-WZ-Set 5-teilig	D100040	100-200	4-12	500
DL-WZ-Set 3-teilig	D100041	100-200	6-12	400

Lubricants/oil

- Mineral-based tool oil for daily use
- Impact tools, in particular, should be oiled every day via the plug nipple

Model	Art. no.
OEMIN-DLW 0,2	E771130
OEMIN-DLW 1,0	B770000
OEMIN-DLW 0,01	B322301



Air lubricator

- With precise and adjustable needle valve
- Not suitable for impact pneumatic tools

Model	Art. no.	Nominal pressure (bar)	Dimensions (mm)
LOE-P 3/8	D640072	16	71,5 x 47



Plug nipple

- Prevents twisting of the air hose when working
- Rotatable

Model	Art. no.	Connection
STNP-R1/4a	E700220	R 1/4" a



Product information

Art. no.	EAN code	Model	Product group
A201000	4011666005076	Compressor CPM 170-8-2 WOF	150110
A202000	4011666005083	Compressor CPM 170-8-6 WOF	150110
A202002	4011666013088	Compressor CPM 150-8-6 WOF Base	150112
A211000	4011666005090	Compressor CPM 210-8-10 W	150110
A211001	4011666005106	Compressor CPM 210-8-10 WXOF	150111
A211002	4011666013095	Compressor CPM 200-8-10 W Base	150112
A212000	4011666005113	Compressor CPM 260-10-10 W	150110
A212001	4011666005120	Compressor CPM 260-10-10 WX	150111
A213000	4011666005137	Compressor CPM 310-10-20 W	150110
A213001	4011666005144	Compressor CPM 310-10-20 WX	150111
A214000	4011666005151	Compressor CPM 360-10-20 W	150110
A214001	4011666005168	Compressor CPM 360-10-20 WX	150111
A215000	4011666005175	Compressor CPM 280-10-20 B	150110
A221000	4011666047885	Compressor CPM 110-15-3 W	150102
A222000	4011666047892	Compressor CPM 210-10-3 W	150102
A223001	4011666022257	Compressor CPM L 310-10-20 WX	150102
A224001	4011666022240	Compressor CPM L 330-10-20 WX	150102
A311001	4011666014993	Compressor SEM 110-8-6 WOF	150103
A313000	4011666047908	Compressor SEM 210-8-6 WOF	150103
A316000	4011666047915	Compressor SEM 330-10-90 W	150103
A333001	4011666900289	Compressor SEM 255-10-50 W	150103
A333004	4011666900609	Compressor SEM 50-8-9 W	150103
A333005	4011666900616	Compressor SEM 30-8-4 W	150103
A444002	4011666900593	Compressor PEM 500-15-50 B	150104
A711000	4011666922199	Compressor UNM 210-8-25 W	150108
A711001	4011666922205	Compressor UNM 210-8-25 WXOF	150109
A711002	4011666001283	Compressor UNM 150-8-25 W Base	150113
A712000	4011666922212	Compressor UNM 260-10-50 W	150108
A712001	4011666922229	Compressor UNM 260-10-50 WX	150109
A712010	4011666005229	Compressor UNM 310-10-50 W	150108
A712011	4011666005236	Compressor UNM 310-10-50 WX	150109
A713000	4011666922236	Compressor UNM 410-10-50 W	150108
A713001	4011666922243	Compressor UNM 410-10-50 WX	150109
A713002	4011666013163	Compressor UNM 350-10-50 W Base	150113
A713010	4011666929655	Compressor UNM 410-10-50 D	150108
A713011	4011666929662	Compressor UNM 410-10-50 DX	150109
A714000	4011666922250	Compressor UNM 510-10-90 D	150108
A714001	4011666922267	Compressor UNM 510-10-90 DX	150109
A715000	4011666922274	Compressor UNM 660-10-90 D	150108
A715001	4011666922281	Compressor UNM 660-10-90 DX	150109
A715100	4011666929679	Compressor UNM 580-15-90 D	150108
A715101	4011666929693	Compressor UNM 580-15-90 DX	150109
A911000	4011666006561	Compressor SYM 150-8-6 WXOF	150120
B004020	4011666923189	Hose SL-1,5m-kpl-M	278401
B004021	4011666923196	Hose SL-2,5m-kpl-M	278401
B004022	4011666928955	Hose SL-0,8m-DV	278401
B012087	4011666200969	Material pressure plate MDP-V2A	275408
B030012	4011666200983	Nozzle set DSZ 1,3 FP-HTE	275403
B030013	4011666200679	Nozzle set DSZ 1,5 FP-HTE	275403
B030014	4011666200686	Nozzle set DSZ 1,8 FP-HTE	275403
B030015	4011666200990	Nozzle set DSZ 2,0 FP-HTE	275403
B030016	4011666201003	Nozzle set DSZ 2,5 FP-HTE	275403
B030017	4011666201010	Nozzle set DSZ 3,0 FP-HTE	275403
B030018	4011666200693	Flow cup FB 0,6 l-FP-HTE	275403
B030026	4011666200242	Nozzle ED 5,0 SAV	276401
B030028	4011666201058	Nozzle ED-DSG	276402
B030029	4011666200112	Nozzle set Set-Strahlfix	276401
B030030	4011666200259	Nozzle ED-Strahlfix	276401
B030031	4011666200327	Blasting abrasive STM-HOS 7,0	576401
B030079	4011666201133	Viscosity measuring cup B-Ford 4	375403
B030153	4011666200891	Prefilter VF-ATM / 10	375403
B030157	4011666204998	Filter F-ATM	375403
B030175	4011666201416	Nozzle ED 4,5-2 SPR	275408
B030176	4011666201423	Nozzle ED 6,5-2 SPR	275408
B030177	4011666201430	Nozzle ED 8,5-2 SPR	275408
B030178	4011666201447	Nozzle ED 10,5-2 SPR	275408
B030179	4011666201454	Nozzle ED 2,0 SPR	275408
B030186	4011666201492	Nozzle ED 6,5-1 SPR	275408
B030187	4011666201508	Nozzle ED 8,5-1 SPR	275408
B030188	4011666201515	Nozzle ED 10,5-1 SPR	275408
B030189	4011666201522	Nozzle ED 4,5-1 SPR	275408
B030203	4011666203656	Fastening set for pipe clips BEFG 4x35,0-S6/100	258301
B030204	4011666246295	Hanger bolt for pipe clamps SS-M 8 x 80	258301
B030205	4011666201553	Fastening set BEFG 5x45,0-S6/50	258301
B030267	4011666203731	Flow cup FB 0,5 l-Optimal 2001	275403
B030310	4011666245816	Nozzle set DSZ 1,3 Optimal 2001	275403
B030311	4011666245823	Nozzle set DSZ 1,5 Optimal 2001	275403
B030312	4011666245830	Nozzle set DSZ 1,7 Optimal 2001	275403
B030313	4011666245847	Nozzle set DSZ 1,9 Optimal 2001	275403
B030314	4011666245854	Nozzle set DSZ 2,2 Optimal 2001	275403

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B030315	4011666245861	Nozzle set DSZ 2,5 Optimal 2001	275403
B030340	4011666246097	Nozzle set DSZ 2,0 FP 2001 M-MA	275404
B030341	4011666246103	Nozzle set DSZ 2,5 FP 2001 M-MA	275404
B030342	4011666246837	Nozzle set DSZ 3,0 FP 2001 M-MA	275404
B030350	4011666246851	Nozzle ED 4,5 HW-TSP	275405
B030351	4011666246868	Nozzle ED 6,0 HW-TSP	275405
B030352	4011666246875	Nozzle ED 8,0 HW-TSP	275405
B030353	4011666246882	Nozzle ED 15,0 HW-TSP	275405
B030354	4011666246899	Nozzle ED 17,5 HW-TSP	275405
B030355	4011666246905	Flow cup FB 5,0 I-HW-TSP	275405
B030361	4011666247452	Nozzle set DSZ 0,5 AZ 2	275403
B030362	4011666247469	Nozzle set DSZ 0,8 AZ 2	275403
B030363	4011666247476	Nozzle set DSZ 1,0 AZ 2	275403
B030364	4011666247483	Nozzle set DSZ 1,2 AZ 2	275403
B030365	4011666247490	Flow cup FB 0,25 I-AZ 2	275403
B030390	4011666906458	Nozzle set DSZ 0,5 Mini-Vario 2	275403
B030391	4011666906465	Nozzle set DSZ 0,7 Mini-Vario 2	275403
B030392	4011666906472	Nozzle set DSZ 1,0 Mini-Vario 2	275403
B030393	4011666906489	Nozzle set DSZ 1,2 Mini-Vario 2	275403
B030399	4011666246615	Nozzle ED-SAW 4	276401
B030411	4011666247360	Support adapter AD-W 400	275403
B030412	4011666247353	Support adapter AD-FP-HTE	275403
B030413	4011666247346	Replaceable cup system WB-Set 5	275403
B030414	4011666247599	Replaceable cup set WB-Set 50	275403
B030415	4011666901088	Filter F-WB 125 µm /5	275403
B030416	4011666903167	Filter F-WB 250 µm /5	275403
B040007	4011666201782	Suction cup SB 1,0 I-SM	275406
B040160	4011666244963	Nozzle ED-Set-RM	378401
B040162	4011666010322	Nozzle set DSZ 1,3 FP-HTE-S	275403
B040163	4011666010339	Nozzle set DSZ 1,5 FP-HTE-S	275403
B040164	4011666010346	Nozzle set DSZ 1,8 FP-HTE-S	275403
B040165	4011666010353	Nozzle set DSZ 2,0 FP-HTE-S	275403
B040166	4011666010360	Nozzle set DSZ 2,5 FP-HTE-S	275403
B040167	4011666010377	Nozzle set DSZ 3,0 FP-HTE-S	275403
B040168	4011666010384	Nozzle set DSZ 1,0 FP-HTE-MA	275403
B040169	4011666010391	Nozzle set DSZ 1,3 FP-HTE-MA	275403
B040170	4011666010407	Nozzle set DSZ 1,5 FP-HTE-MA	275403
B040171	4011666010414	Nozzle set DSZ 1,8 FP-HTE2 MA	275403
B040172	4011666010421	Nozzle set DSZ 1,8 FP-HTE-MA	275403
B040173	4011666010438	Nozzle set DSZ 2,5 FP-HTE-MA	275403
B040174	4011666010445	Suction cup SB 1,0 I	276401
B110059	4011666201874	Rubber damper GSE 40 L 1/4	351109
B110060	4011666201881	Rubber damper GSE 70 L 1/4	351109
B110061	4011666201898	Rubber damper GSE 100 L 1/4	351109
B110062	4011666201904	Rubber damper GSE 75 L2 /4	351109
B110063	4011666201911	Rubber damper GSE 100 S1 /3	351109
B110064	4011666245120	Rubber damper GSE 40 L2 /4	351109
B110066	4011666245137	Rubber damper GSE 100 L2 /4	351109
B110067	4011666245144	Rubber damper GSE 100 S2 /3	351109
B110081	4011666203793	Fittings set AMS-B-V 2000-16	251102
B110083	4011666203809	Fittings set AMS-B-V 2000-11	251102
B110089	4011666201973	Fittings set AMS-B-V 500-11	251102
B110091	4011666201997	Fittings set AMS-B-V 500-16	251102
B110092	4011666202000	Fittings set AMS-B-H 750-11	251102
B110093	4011666202017	Fittings set AMS-B-V 750-11	251102
B110094	4011666202024	Fittings set AMS-B-H 750-16	251102
B110095	4011666202031	Fittings set AMS-B-V 750-16	251102
B110096	4011666245151	Fittings set AMS-B-H 1000-11	251102
B110097	4011666202048	Fittings set AMS-B-V 1000-11	251102
B110099	4011666202055	Fittings set AMS-B-V 1000-16	251102
B110100	4011666203830	Fittings set AMS-B-V 3000-11	251102
B110102	4011666000484	Fittings set AMS-B-H 500-11	251102
B110103	4011666000491	Fittings set AMS-B-H 500-16	251102
B111006	4011666202093	Oil OESYN-Kolben-stat 3,0	552101
B111010	4011666202116	Oil OEMIN-Schraub-stat 5,0	552101
B111012	4011666247520	Oil OETSYN-Schraub-stat 5,0	552101
B111013	4011666247537	Oil OETSYN-Schraub-stat 1,0	552101
B111014	4011666901712	Oil OEMIN-Kolben-fahr 1,0	550101
B111015	4011666203878	Gleitmittel GMI 65	258301
B111016	4011666052438	Oil OEMIN-AM B/D/G 5,0	552101
B111017	4011666052445	Oil OEMIN-AM B/D/G 20,0	552101
B111018	4011666052452	Oil OESIN-AM B/D/G Food 5,0	552101
B111019	4011666052469	Oil OESIN-AM B/D/G Food 20,0	552101
B111020	4011666056320	Oil OESIN-AM B/D/G Plus 5,0	552101
B111021	4011666056337	Oil OESIN-AM B/D/G Plus 20,0	552101
B111022	4011666056344	Oil OESIN-AM B/D/G Xtra 5,0	552101
B111023	4011666056351	Oil OESIN-AM B/D/G Xtra 20,0	552101
B111054	4011666021700	Start relief AE AB678	351104
B111055	4011666202147	Start relief AE 4	351104
B111066	4011666246561	Connecting hose VSL 1/2-1800	351107

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B111067	4011666246585	Connecting hose VSL 3/4-1800	351107
B111068	4011666246547	Connecting hose VSL 1-1800	351107
B111069	4011666246554	Connecting hose VSL 1-800	351107
B111070	4011666246578	Connecting hose VSL 1/2-800	351107
B111071	4011666246592	Connecting hose VSL 3/4-800	351107
B111072	4011666202154	Connecting hose VSL 1-1300	351107
B111073	4011666202161	Operating hours counter BSZ	351106
B111074	4011666202178	Connecting hose VSL 1 1/4-1300	351107
B111075	4011666202185	Connecting hose VSL 1/2-1300	351107
B111076	4011666202192	Connecting hose VSL 3/4-1300	351107
B111078	4011666245168	Connecting hose VSL 1 1/2-1300	351107
B111081	4011666246110	Energy-saving locking system ESAR 3/4 M	358301
B111083	4011666246134	Energy-saving locking system ESAR 1 M	358301
B111085	4011666246158	Energy-saving locking system ESAR 1 1/4 M	358301
B111087	4011666246172	Energy-saving locking system ESAR 1 1/2 M	358301
B111089	4011666246196	Energy-saving locking system ESAR 2 M	358301
B111091	4011666023346	Energy-saving locking system ESAR G3/4 A	358301
B111092	4011666023353	Energy-saving locking system ESAR G1 A	358301
B111093	4011666023360	Energy-saving locking system ESAR G1 1/4 A	358301
B111094	4011666023377	Energy-saving locking system ESAR G 1 1/2 A	358301
B111095	4011666023384	Energy-saving locking system ESAR G 2 A	358301
B111150	4011666203939	Star-delta switch SDS 5,5	351104
B111151	4011666203946	Star-delta switch SDS 11	351104
B111152	4011666245175	Star-delta switch SDS 7,5	351104
B111200	4011666247315	Basic changeover circuit GLW 4	351105
B111201	4011666247322	Basic changeover circuit GLW-SGSD 17	351105
B200701	4011666202215	Angle bracket WKB-WE 1/4	357212
B201023	4011666914224	Filter element FE-Öwamat 10	555201
B201024	4011666914231	Filter element FE-Öwamat 11	555201
B201025	4011666914248	Filter element FE-Öwamat 12	555201
B201026	4011666914255	Filter element FE-Öwamat 14	555201
B270019	4011666202253	Spare hood EH 2	351114
B270020	4011666202260	Spare hood EH 4	351114
B270021	4011666202277	Spare hood EH 5	351114
B270022	4011666202284	Spare hood EH 5 S	351114
B270031	4011666203991	Spare hood EH 3	351114
B270032	4011666204004	Spare hood EH 3 S	351114
B271032	4011666247261	Spare hood EH 3SZ	351114
B312533	4011666052292	Accessories for hose rewriter BRE-SLA 13-16 A	360302
B322249	4011666203526	Tension spring SSF-SM/Kfz	265401
B322253	4011666200068	Flat chisel ML10-F 250x20	565401
B322255	4011666200099	Sharp chisel ML10-S 200x12	565401
B322256	4011666200075	Flat chisel ML10-F 180x20	565401
B322258	4011666200037	Boasting chisel straight ML10-BG 180x50	565401
B322260	4011666200082	Boasting chisel, curved ML10-BK 180x50	565401
B322266	4011666052148	Sharp chisel ML 11,7-S 250x14	565401
B322267	4011666052155	Flat chisel ML 11,7-F 190x20	565401
B322268	4011666052162	Flat chisel ML 11,7-F 250x20	565401
B322279	4011666246622	Replacement needles AT 12	471401
B322281	4011666246646	Replacement needles AT 28	471401
B322282	4011666052179	Replacement needles NP 19	471401
B322291	4011666204066	Cutter MR-RS 32 Alu	258301
B322293	4011666246776	Spare cutter MR-RS 63 PE	258301
B322295	4011666246714	Spare cutter MR-RS 63 Alu	258301
B322301	4011666014764	Oil OEMIN-DLW 0,01	597401
B322363	4011666200297	Sheet metal cutting chisel ML10-BS 135x18	565401
B322370	4011666200372	Flat chisel ML10-F 250x12 HSS	565401
B322430	4011666056306	Retaining cap	265401
B322433	4011666056313	Retaining cap	265401
B322500	4011666200143	Grinding drum SLW-Set 9/12/18/25	566401
B322502	4011666200174	Grinding belt SFB 330x10 K80/5	566403
B322503	4011666200181	Grinding belt SFB 330x10 K120/5	566403
B322504	4011666200198	Grinding belt SFB 330x10 K180/5	566403
B322520	4011666200211	Saw blade SGB-Bimet 0,3-0,8/5	567401
B322521	4011666200228	Saw blade SGB-Bimet 0,8-1,2/5	567401
B322525	4011666200020	Grinding points SFI-Standard	566401
B322531	4011666245212	Abrasive sleeve SFH 9/10	566401
B322532	4011666245229	Abrasive sleeve SFH 12/10	566401
B322533	4011666245236	Abrasive sleeve SFH 18/10	566401
B322534	4011666245243	Abrasive sleeve SFH 25/10	566401
B322538	4011666052193	Quick-action clamping nut SLS-M14 WSL 125	266404
B322539	4011666052186	Side grip for angle grinder HG-VR-WSL 125	266403
B322610	4011666247414	Wall bracket for impact screwdriver 1/2" WH-SGS	364401
B322670	4011666246301	Disassembly pliers STS-DZ 15	258302
B322671	4011666246318	Disassembly pliers STS-DZ 18	258302
B322672	4011666246325	Disassembly pliers STS-DZ 22	258302
B322673	4011666246332	Disassembly pliers STS-DZ 28	258302
B322674	4011666246349	Disassembly clip STS-DMC 15	258302
B322675	4011666246356	Disassembly clip STS-DMC 18	258302
B322676	4011666246363	Disassembly clip STS-DMC 22	258302

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B322677	4011666246370	Disassembly clip STS-DMC 28	258302
B322678	4011666246387	Deburring tool STS-EG 12-28	258302
B322687	4011666245977	Spare revolving blade MR-RS 28 PA / 2	258301
B322713	4011666052681	Sanding disc SFS 100x1x16 /5	566402
B322720	4011666002839	Grinding disc SFT-15-150	266401
B323001	4011666200457	Flat chisel ML12-F 190x20 HSS	565401
B323002	4011666200464	Flat chisel ML12-S 270x20 HSS	565401
B323005	4011666200488	Sharp chisel ML12-S 270x20 HSS	565401
B323018	4011666200570	Retaining cap HK-K-SMH 19	265401
B323029	4011666246226	Retaining cap HK-K-MHM/Kfz	265401
B323414	4011666900708	Systainer SYS-Mini 1	163401
B323417	4011666900166	Systainer SYS-Mini 2	163401
B323430	4011666009227	ROLL BOARD RB-SYS TL	363401
B323431	4011666022813	Sys-Adapter SYS-AP-CPM L	363401
B323481	4011666908216	Cover cushion EIL-DP SYS 1-5	363401
B323483	4011666908230	Bottom cushion EIL-BP SYS 1-5 - 50mm	363401
B400701	4011666202925	Angle bracket WKB-WE3/8-1/2	357212
B400703	4011666204264	Angle bracket WKB-WE3/4-1	357212
B400707	4011666204981	Disassembly key DSL-WE	357212
B605061	4011666245281	Condensate collection pipe KSL 4	156221
B605062	4011666245458	Condensate collection pipe KSL 2	156221
B605063	4011666245465	Condensate collection pipe KSL 3	156221
B605080	4011666204318	Attachment kit ABZ-Eco 3100 Uni	256201
B605082	4011666246066	Attachment kit ABZ-Eco 3100 BH-HZB 90	256201
B605084	4011666246264	Attachment kit ABZ-Eco 3100 F	256201
B605086	4011666246790	Attachment kit ABZ-Eco 3100 BST	256201
B612000	4011666933171	Attachment kit ABZ-DK ECO 1	254201
B613001	4011666021717	Connexion set AST DK ECO 1 1/2"	254201
B613002	4011666021724	Connexion set AST DK ECO 2"	254201
B640360	4011666247230	Filter F-FF 1/2	557211
B640399	4011666204394	Angle bracket WKB-F-G3/8	357201
B640400	4011666203175	Angle bracket WKB-F-G1/2	357201
B640401	4011666203182	Angle bracket WKB-F-G3/4	357201
B640402	4011666203199	Angle bracket WKB-F-G1	357201
B640404	4011666203212	Angle bracket WKB-F-G1 1/2	357201
B640405	4011666244994	Angle bracket WKB-F-G2	357201
B640503	4011666245502	Pressure gauge MM-DDM-F	257201
B640700	4011666245519	Filter F-VP 6	557201
B640701	4011666245526	Filter F-VP 10	557201
B640702	4011666245533	Filter F-VP 15	557201
B640703	4011666245540	Filter F-VP 30	557201
B640704	4011666245557	Filter F-VP 45	557201
B640706	4011666245571	Filter F-VP 80	557201
B640707	4011666245588	Filter F-VP 160	557202
B640710	4011666245595	Filter F-FP 6	557202
B640711	4011666245601	Filter F-FP 10	557202
B640712	4011666245618	Filter F-FP 15	557202
B640713	4011666245625	Filter F-FP 30	557202
B640714	4011666245632	Filter F-FP 45	557202
B640716	4011666245656	Filter F-FP 80	557202
B640717	4011666245663	Filter F-FP 160	557202
B640720	4011666245670	Filter F-AP 6	557203
B640721	4011666245687	Filter F-AP 10	557203
B640722	4011666245694	Filter F-AP 15	557203
B640723	4011666245700	Filter F-AP 30	557203
B640724	4011666245717	Filter F-AP 45	557203
B640726	4011666245731	Filter F-AP 80	557203
B640727	4011666245748	Filter F-AP 160	557202
B640760	4011666247421	Filter F-AF 1/2	557211
B770000	4011666200341	Oil OEMIN-DLW 1,0	597401
B770010	4011666203236	Oil OESYN-Kolben-fahr 1,0	551101
B800100	4011666000446	Sound absorbing cover SDH UNM ST 4,0	251104
B800536	4011666247278	Open-jaw claw spanner MKS-KMS 32	258301
B800537	4011666247285	Open-jaw claw spanner MKS-KMS 40	258301
B800538	4011666247292	Open-jaw claw spanner MKS-KMS 50	258301
B800539	4011666247308	Open-jaw claw spanner MKS-KMS 63	258301
B800541	4011666912145	Hook wrench HSL 32 K	258301
B800542	4011666204424	Hook wrench HSL 40 K	258301
B800543	4011666244307	Hook wrench HSL 50-63 K	258301
B800544	4011666024268	Hook wrench HSL 50 K	258301
B800550	4011666204448	Deburring tool EG 63 PE	258301
B800551	4011666246806	Deburring tool EG 54 Alu	258301
B800552	4011666911797	Deburring tool EG 35 PA-Alu-V4A	258301
B800600	4011666246455	Sticker AK-Druckluft klein RL-Sy	258301
B800602	4011666246462	Sticker AK-Kondensat	258301
C420003	4011666300294	Staple KL 80/06 CNK/3000	574401
C420004	4011666300300	Staple KL 80/08 CNK/3000	574401
C420005	4011666300317	Staple KL 80/10 CNK/3000	574401
C420006	4011666300324	Staple KL 80/12 CNK/3000	574401
C420007	4011666300386	Staple KL 80/14 CNK/3000	574401

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C420008	4011666300331	Staple KL 80/16 CNK/3000	574401
C420022	4011666300447	Staple KL 90/15 CNKH/2000	574401
C420024	4011666300027	Staple KL 90/20 CNKH/2000	574401
C420027	4011666300041	Staple KL 90/25 CNKH/2000	574401
C420029	4011666300270	Staple KL 90/28 CNKH/5000	574401
C420030	4011666300034	Staple KL 90/30 CNKH/2000	574401
C420034	4011666300140	Staple KL 90/35 CNKH/2000	574401
C420035	4011666300164	Staple KL 90/40 CNKH/2000	574401
C421030	4011666301031	Staple KL 90/30 CV2AH/5000	574401
C430003	4011666300058	Staple KL 347/10 CNK/2500	574401
C430006	4011666300072	Staple KL 347/16 CNK/2500	574401
C430008	4011666300065	Staple KL 347/20 CNK/2500	574401
C430010	4011666300010	Staple KL 347/25 CNKH/2500	574401
C430021	4011666300713	Staple KL 114/30 CNKH/20000	574401
C430022	4011666300225	Staple KL 114/35 CNKH/10000	574401
C430023	4011666300232	Staple KL 114/40 CNKH/10000	574401
C430024	4011666300249	Staple KL 114/45 CNKH/10000	574401
C430025	4011666300256	Staple KL 114/50 CNKH/10000	574401
C430026	4011666300904	Staple KL 114/65 CNKH/10000	574401
C520002	4011666300737	Pan-head nailer SN 116 NK/5000	574403
C520003	4011666300348	Pan-head nailer SN 120 NK/5000	574403
C520004	4011666300355	Pan-head nailer SN 125 NK/5000	574403
C520005	4011666300362	Pan-head nailer SN 130 NK/5000	574403
C520006	4011666300744	Pan-head nailer SN 135 NK/5000	574403
C520008	4011666300379	Pan-head nailer SN 140 NK/5000	574403
C520010	4011666301017	Pan-head nailer SN 150 NK/5000	574403
C520011	4011666300881	Pan-head nailer SN 113 NK/1000	574403
C520012	4011666300898	Pan-head nailer SN 116 NK/1000	574403
C520013	4011666300843	Pan-head nailer SN 120 NK/1000	574403
C520014	4011666300850	Pan-head nailer SN 125 NK/1000	574403
C520015	4011666300867	Pan-head nailer SN 130 NK/1000	574403
C521005	4011666301048	Pan-head nailer SN 130 V2A/5000	574403
D004009	4011666400666	Tyre pressure gauge RF-RMG	178401
D004011	4011666400901	Tyre pressure gauge RF-RMG-K	178401
D004017	4011666405302	Tyre pressure gauge "geeicht" RF-RM "geeicht"	178402
D004021	4011666920980	Tyre pressure gauge RF 12 MG	178402
D004026	4011666933133	Tyre pressure gauge RF 12 MG 2,5	178402
D004027	4011666933126	Tyre pressure gauge RF 12 DVG 0,8	178402
D030025	4011666400130	Sand blasting gun SSP-SAV	176401
D030030	4011666400710	Sand blasting gun SSP-Strahlfix	176401
D030034	4011666501684	Pressure spray gun SSP-DSP	176401
D030059	4011666405364	Paint spray gun FSP-Optimal 2001-1,5	175403
D030063	4011666405869	Trichter-Spritzpistole TSP	175405
D030194	4011666405647	Paint spray gun FSP-FP 2001 M-MA	175404
D030206	4011666406583	Paint spray gun FSP-AZ 2	175403
D030212	4011666010780	Paint spray gun FSP-FP-HTE2 S	175403
D030213	4011666010797	Paint spray gun FSP-FP-HTE2 MA	175403
D030262	4011666406729	Sand blasting gun SSP-SAW 4 SYS	176401
D030263	4011666048653	Sand blasting gun SSP-Strahlfix Staubfrei	176401
D030290	4011666906441	Paint spray gun FSP-Mini-Vario 2	175403
D030305	4011666911780	Paint spray gun FSP-FP-HTE2 WB	175403
D030310	4011666911759	Paint spray gun FSP-FP-HTE2-1,5	175403
D030311	4011666911766	Paint spray gun FSP-FP-HTE2-1,3	175403
D030312	4011666911773	Paint spray gun FSP-FP-HTE2-1,8	175403
D040006	4011666400215	Spray gun SPP-SE	175406
D040008	4011666400123	Spray gun SPP-SM	175406
D040011	4011666400239	Tyre pressure gauge RF-RM	178401
D040025	4011666400284	Grease gun FP-M	170401
D040026	4011666405487	Grease gun FP-A	170401
D040052	4011666405296	Multi-purpose nail driver UHW 2000	175401
D040055	4011666204653	Material pressure vessel MDB 10	175407
D040056	4011666405715	Material pressure vessel MDB-FDB 2	175407
D040061	4011666402431	Paint boy MDB 24	175407
D040063	4011666402448	Spray boy MDB 24 ZN	175407
D040086	4011666402462	Spray boy MDB 40 V4A	175407
D040096	4011666405319	Pressure blasting device DSG 10	176402
D040118	4011666405753	Cartridge gun KTP 310 DR	177401
D040130	4011666403834	Foil pack gun SIP 600	177401
D040137	4011666404008	Cartridge gun KTP 310	177401
D040138	4011666406019	Cartridge gun KTP 310 ALU	177401
D070012	4011666402530	Traction FZS 1	160311
D070013	4011666402547	Traction FZS 2	160311
D070014	4011666402554	Traction FZS 3	160311
D070015	4011666908346	Traction FZ 0,4-1	160312
D070016	4011666908353	Traction FZ 1-2	160312
D070017	4011666908360	Traction FZ 2-3	160312
D070018	4011666908377	Traction FZ 2-4	160312
D070019	4011666908384	Traction FZ 4-6	160312
D070020	4011666908391	Traction FZ 6-8	160312
D100032	4011666050885	Supply unit / Power and air supply unit EA 6	160321

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D100033	4011666050878	Supply unit / Power and air supply unit	160321
D100040	4011666016072	Tool set DL-WZ-Set 5-teilig	197402
D100041	4011666016089	Tool set DL-WZ-Set 3-teilig	197402
D200091	4011666914446	Stapler KLG 80-16	174401
D200092	4011666022820	Stapler KLG 90-25	174401
D200094	4011666914460	Stapler KLG 114-65	174401
D200098	4011666914453	Stapler KLG 90-40 SYS	174401
D200100	4011666402608	Pipe cutter ROS 14 PA	258301
D200106	4011666405876	Pipe shears RS 63 PE	258301
D200108	4011666204707	Pipe cutter ROS 32 Alu	258301
D200109	4011666405890	Pipe shears RS 63 Alu	258301
D200602	4011666405227	Pipe shears RS 28 PA	258301
D200603	4011666405883	Deburring tool EG-Alu	258301
D202002	4011666400604	Pressure reducer DM 1/4 W	157212
D202105	4011666404299	Pressure controller DM-FSP 1/4i	375403
D221002	4011666400611	Water separator with filter FWA 1/4 W	157212
D223001	4011666400659	Mist oiler N 1/4 W	157212
D224026	4011666400734	Filter unit 3-way maintenance unit WE 3-fach 1/4 W	157212
D225026	4011666400369	Filter pressure reducer FDM 1/4 W	157212
D226026	4011666400727	Filter unit 2-way maintenance unit WE 2-fach 1/4 W	157212
D300046	4011666022837	Stapler KNG 40/50 SYS	174402
D300067	4011666914477	Pan-head nailer SNG-SK 50 SYS	174403
D300068	4011666914484	Push pin PNG-PN 25 SYS	174405
D300071	4011666022844	Round-head nailer RNG-RN 90	174404
D302002	4011666400550	Pressure reducer DM 3/8 W	157212
D312503	4011666905932	Hose rewinder SLA 10 A	160302
D312512	4011666020963	Hose rewinder SLA 8-10 A	160302
D312514	4011666404701	Hose rewinder SLA 9 A	160302
D312516	4011666005199	Hose rewinder SLA 8-9	160302
D312517	4011666005205	Hose rewinder SLA 8-15	160302
D312532	4011666050861	Hose rewinder SLA 9-20 M	160301
D312533	4011666051080	Hose rewinder SLA 13-16 A	160302
D312540	4011666405661	Hose rewinder SLA 10	160301
D321002	4011666400536	Water separator with filter FWA 3/8 W	157212
D322268	4011666400383	Socket spanner SKSL-Set 1/2"-10	364401
D322275	4011666204776	Socket spanner SKSL-Set 3/8"-8	364401
D322278	4011666402745	Socket spanner SKSL-Set 1"-7	364401
D322292	4011666405913	Socket spanner SKSL-Set 1/2"-2 long	364401
D322294	4011666406415	Socket spanner SKSL-Set 1/2"-3 Alu	364401
D322298	4011666900487	Socket spanner-Set SKSL-Set 3/4"-8	364401
D322311	4011666406804	Blind riveting tongs NZ-SYS	172401
D322322	4011666049421	Car body saw KS 10	167401
D322416	4011666049438	Needle descender NP 12-5000	171401
D322417	4011666049445	Needle descender NP 19-3700	171401
D322418	4011666049452	Needle descender NP 28-3500	171401
D322430	4011666049469	Chisel hammer MLH Set-Base	165401
D322431	4011666049476	Chisel hammer MLH 5000/41-10	165401
D322432	4011666049483	Chisel hammer MLH 3000/56-10	165401
D322433	4011666049490	Chisel hammer MLH 3000/45-12	165401
D322434	4011666049506	Chisel hammer MLH 2500/76-10	165401
D322500	4011666933157	Systainer SYS 1 TL	163401
D322501	4011666933140	Systainer SYS 2 TL	163401
D322659	4011666406835	Axial grinder SBS 700 SYS	166401
D322676	4011666406637	Rotary screwdriver DRS 1800	164403
D322677	4011666406675	Rotary screwdriver DRS 1000	164403
D322678	4011666406866	Rotary screwdriver DRS 140 SYS	164403
D322680	4011666049513	Rotary screwdriver DRS 1800-8	164403
D322681	4011666049520	Rotary screwdriver DRS 1800-8 P	164403
D322690	4011666049537	Drill BM 2000-10mm	173401
D322691	4011666049544	Drill BM 800-13mm	173401
D322692	4011666049551	Drill BM-W 1400-10mm	173401
D322720	4011666002815	Eccentric grinder ES 150-5	166404
D322721	4011666002822	Eccentric grinder ES 150-2,5	166404
D322740	4011666049568	Belt grinder BDS 330-10	166403
D322752	4011666049575	Axial grinder SBS-Set-Base	166401
D322753	4011666049582	Axial grinder SBS 220-6mm	166401
D322754	4011666049599	Axial grinder SBS 220-6mm L	166401
D322755	4011666049605	Axial grinder SBS-W 220-6mm	166401
D322770	4011666049612	Angle grinder WSL 125	166402
D322771	4011666049629	Angle grinder LH-WSL 100	166402
D322801	4011666009159	Impact screwdriver SGS 360-3/8"	164401
D322810	4011666912695	Impact screwdriver SGS 440-1/2"	164401
D322815	4011666009166	Impact screwdriver SGS 430-1/2"	164401
D322816	4011666009173	Impact screwdriver SGS 850-1/2"	164401
D322817	4011666009180	Impact screwdriver SGS 850 D-1/2"	164401
D322819	4011666049636	Impact screwdriver SGS 1100-1/2"	164401
D322820	4011666049643	Impact screwdriver SGS-Set 1/2" Base	164401
D322831	4011666009203	Impact screwdriver SGS 1700-3/4"	164401
D322841	4011666009210	Impact screwdriver SGS 2000-1"	164401
D322842	4011666049650	Impact screwdriver SGS 2700-1"	164401

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D322860	4011666049667	Ratchet screwdriver RAS-Set 1/2" Base	164402
D322861	4011666049674	Ratchet screwdriver RAS 41-1/4"	164402
D322862	4011666049681	Ratchet screwdriver RAS 41-3/8"	164402
D322863	4011666049698	Ratchet screwdriver RAS 68-1/2"	164402
D322864	4011666049704	Ratchet screwdriver RAS 122 SW-1/2"	164402
D323001	4011666400512	Mist oiler N 3/8 W	157212
D324026	4011666400475	Filter unit 2-way maintenance unit WE 3-fach 3/8 W	157212
D325026	4011666400499	Filter pressure reducer FDM 3/8 W	157212
D326026	4011666400451	Filter unit 2-way maintenance unit WE 2-fach 3/8 W	157212
D327610	4011666005014	Impact screwdriver SGS 610-1/2"	164401
D402002	4011666400543	Pressure reducer DM 1/2 W	157212
D421002	4011666400529	Water separator with filter FWA 1/2 W	157212
D423001	4011666400505	Mist oiler N 1/2 W	157212
D424026	4011666400468	Filter unit 2-way maintenance unit WE 3-fach 1/2 W	157212
D424030	4011666406606	Maintenance unit FDM/FF/AF 1/2	157221
D425026	4011666400482	Filter pressure reducer FDM 1/2 W	157212
D426026	4011666400444	Filter unit 2-way maintenance unit WE 2-fach 1/2 W	157212
D426030	4011666406590	Maintenance unit FDM/FF 1/2	157221
D458305	4011666401441	Filter pressure reducer FDM 3/4 W	157212
D458405	4011666404527	Filter unit 2-way maintenance unit WE 2-fach 3/4 W	157212
D468305	4011666404473	Filter pressure reducer FDM 1 W	157212
D468405	4011666404893	Filter unit 2-way maintenance unit WE 2-fach 1 W	157212
D502002	4011666402981	Pressure reducer DM 3/4 W	157212
D521002	4011666402998	Water separator with filter FWA 3/4 W	157212
D523001	4011666403001	Mist oiler N 3/4 W	157212
D524026	4011666404077	Filter unit 2-way maintenance unit WE 3-fach 3/4 W	157212
D602002	4011666403025	Pressure reducer DM 1 W	157212
D605023	4011666903594	Ecomat KAL-Ecomat 3100	156201
D605025	4011666403797	Ecomat KAL-Ecomat 4500	156201
D605030	4011666403803	Ecomat KAL-Ecomat 20000	156201
D621002	4011666403032	Water separator with filter FWA 1 W	157212
D623001	4011666403049	Mist oiler N 1 W	157212
D624026	4011666204837	Filter unit 2-way maintenance unit WE 3-fach 1 W	157212
D640055	4011666405609	Cyclone separator ZA 5500	156211
D640072	4011666204844	Air lubricator LOE-P 3/8	397401
D640125	4011666405616	Cyclone separator ZA 12500	156211
D640700	4011666404985	Prefilter VF-DVP 6	157201
D640701	4011666404992	Prefilter VF-DVP 10	157201
D640702	4011666405005	Prefilter VF-DVP 15	157201
D640703	4011666405012	Prefilter VF-DVP 30	157201
D640704	4011666405029	Prefilter VF-DVP 45	157201
D640706	4011666405043	Prefilter VF-DVP 80	157201
D640707	4011666405050	Prefilter VF-DVP 160	157201
D640710	4011666405067	Microfilter FF-DFP 6	157202
D640711	4011666405074	Microfilter FF-DFP 10	157202
D640712	4011666405081	Microfilter FF-DFP 15	157202
D640713	4011666405098	Microfilter FF-DFP 30	157202
D640714	4011666405104	Microfilter FF-DFP 45	157202
D640716	4011666405128	Microfilter FF-DFP 80	157202
D640717	4011666405135	Microfilter FF-DFP 160	157202
D640720	4011666405142	Activated carbon filter AF-DAP 6	157203
D640721	4011666405159	Activated carbon filter AF-DAP 10	157203
D640722	4011666405166	Activated carbon filter AF-DAP 15	157203
D640723	4011666405173	Activated carbon filter AF-DAP 30	157203
D640724	4011666405180	Activated carbon filter AF-DAP 45	157203
D640726	4011666405203	Activated carbon filter AF-DAP 80	157203
D640727	4011666405210	Activated carbon filter AF-DAP 160	157203
D640760	4011666406613	Activated carbon filter AF 1/2	157221
D730030	4011666402226	Compressed air hose DLS-SK-SF 11-6,3/5m	159303
D730031	4011666402257	Compressed air hose DLS-SK-SF 15,5-10/10m	159303
D730032	4011666402240	Compressed air hose DLS-SK-SF 15,5-10/5m	159303
D730033	4011666402233	Compressed air hose DLS-SK-SF 11-6,3/10m	159303
D740002	4011666204950	Multi-purpose material hose DLS-Set-M9-D10-5m	275407
D740003	4011666400598	Compressed air hose DLS-SK 11-6/5m	159301
D740004	4011666400208	Compressed air hose DLS-SK 11-6/10m	159301
D740006	4011666403247	Material pressure hose SL 15x9/10m	275407
D740008	4011666403261	Multi-purpose material hose SL-Set-M13-D10-10m	275407
D740009	4011666403278	Material hose SL-Set-M12,7-D6/5m	276402
D740010	4011666403285	Material hose SL-Set-M12,7-D6/10m	276402
D740012	4011666400857	Compressed air hose DLS-SK 15-9/5m	159301
D740013	4011666400192	Compressed air hose DLS-SK 15-9/10m	159301
D740015	4011666400406	Blow gun AP-BM-SN	179401
D740017	4011666400826	Blow gun AP-BM-T9	179401
D740020	4011666403995	Blow gun AP-RS	179401
D740021	4011666400390	Blow gun AP-RSV 100	179401
D740035	4011666403322	Blow gun AP-Soft	179401
D740040	4011666400864	Compressed air hose DLS-SK-OA 15-9/10m	159302
D740052	4011666403353	Multi-purpose material hose SL-Set-M19-D9-8m	275408
D740109	4011666406026	Multi-purpose material hose SL-Set-M9-D6/1,5m	275407
D740115	4011666403766	Blow gun AP-BM-SNV100	179401

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D740140	4011666404800	Blow gun AP-Vario-S	179401
D740141	4011666404817	Blow gun AP-Vario-L	179401
D740142	4011666404824	Blow gun AP-Vario-F	179401
D740143	4011666404831	Blow gun AP-Vario-V	179401
D740144	4011666404848	Blow gun AP-Vario-P	179401
D740145	4011666405685	Blow gun AP-BM-S	179401
D740148	4011666934000	Blow gun AP-Vario-L-500	179401
D750021	4011666204967	Compressed air hose DLS-SK 18,6-13/10m	159301
D770121	4011666401496	Protective spray hood STSH	376401
D770128	4011666404091	Breathing mask ATM-A1	375403
D770131	4011666400185	Spiral hose SSL-SK-PA 8-6/7,5m	159321
D770132	4011666400758	Spiral hose SSL-SK-PA 10-8/10m	159321
D770133	4011666401922	Spiral hose SSL-SK-PA 8-6/5m	159321
D770136	4011666406149	Spiral hose SSL-SK-PUR 10-6,5/6m	159322
D770137	4011666406156	Spiral hose SSL-SK-PUR 10-6,5/7,5m	159322
D770138	4011666406163	Spiral hose SSL-SK-PUR 12-8/6m	159322
D770139	4011666406170	Spiral hose SSL-SK-PUR 12-8/7,5m	159322
D900512	4011666403407	Spray lance SPL 750	175409
D900514	4011666403414	Spray pipe SPR 330-6,5	175408
D900521	4011666405623	Spray pipe SPR 215-6,5	175408
D900527	4011666403452	Spraying angle SPW 70°	275408
D900529	4011666903556	Spray pipe SPR 215-8,5	175408
E014133	4011666905680	Plug-in SVG-R1-6xG1/8a	162311
E014134	4011666905697	Plug-in SVG-R1-6xG1/4a	162311
E014144	4011666905703	Plug-in SVG-R1-8xG1/8a	162311
E014145	4011666905710	Plug-in SVG-R1-8xG1/4a	162311
E014146	4011666905727	Plug-in SVG-R1-8xG3/8a	162311
E014154	4011666905734	Plug-in SVG-R1-10xG1/4a	162311
E014155	4011666905741	Plug-in SVG-R1-10xG3/8a	162311
E014233	4011666905758	Plug-in SVG-R2-6xG1/8i	162311
E014234	4011666905765	Plug-in SVG-R2-6xG1/4i	162311
E014243	4011666905772	Plug-in SVG-R2-8xG1/8i	162311
E014244	4011666905789	Plug-in SVG-R2-8xG1/4i	162311
E014334	4011666905796	Plug-in SVG-R3-6x6	162311
E014345	4011666905802	Plug-in SVG-R3-8x8	162311
E014356	4011666905819	Plug-in SVG-R3-10x10	162311
E014434	4011666905826	Plug-in SVG-R4-6x6 L	162311
E014445	4011666905833	Plug-in SVG-R4-8x8 L	162311
E014456	4011666905840	Plug-in SVG-R4-10x10 L	162311
E014534	4011666905857	Plug-in SVG-R5-6x6x6 T	162311
E014545	4011666905864	Plug-in SVG-R5-8x8x8 T	162311
E014556	4011666905871	Plug-in SVG-R5-10x10x10 T	162311
E015732	4011666905888	Plug-in SVG-R15-6xG1/8a L	162311
E015743	4011666905895	Plug-in SVG-R15-8xG1/4a L	162311
E015753	4011666905901	Plug-in SVG-R15-10xG1/4a L	162311
E015834	4011666905918	Plug-in SVG-R23-6x6x6 Y	162311
E015845	4011666905925	Plug-in SVG-R23-8x8x8 Y	162311
E021131	4011666514110	Straight female connexion GESV-NI 6-4xG1/8a	162301
E021132	4011666514127	Straight female connexion GESV-NI 6-4xG1/4a	162301
E021133	4011666514134	Straight female connexion GESV-NI 6-4xG3/8a	162301
E021141	4011666514141	Straight female connexion GESV-NI 8-6xG1/8a	162301
E021142	4011666514158	Straight female connexion GESV-NI 8-6xG1/4a	162301
E021143	4011666514165	Straight female connexion GESV-NI 8-6xG3/8a	162301
E021144	4011666514172	Straight female connexion GESV-NI 8-6xG1/2a	162301
E021152	4011666514189	Straight female connexion GESV-NI 10-8xG1/4a	162301
E021153	4011666514196	Straight female connexion GESV-NI 10-8xG3/8a	162301
E021154	4011666514202	Straight female connexion GESV-NI 10-8xG1/2a	162301
E021331	4011666514325	Straight male connexion GAVS-NI 6-4xG1/8i	162301
E021332	4011666514332	Straight male connexion GAVS-NI 6-4xG1/4i	162301
E021341	4011666514349	Straight male connexion GAVS-NI 8-6xG1/8i	162301
E021342	4011666514356	Straight male connexion GAVS-NI 8-6xG1/4i	162301
E021343	4011666514363	Straight male connexion GAVS-NI 8-6xG3/8i	162301
E021352	4011666514370	Straight male connexion GAVS-NI 10-8xG1/4i	162301
E021431	4011666514431	Angular male connector WEV-NI 6-4xR1/8a	162301
E021432	4011666514448	Angular male connector WEV-NI 6-4xR1/4a	162301
E021433	4011666514455	Angular male connector WEV-NI 8-6xR1/8a	162301
E021442	4011666514462	Angular male connector WEV-NI 8-6xR1/4a	162301
E021443	4011666514479	Angular male connector WEV-NI 8-6xR3/8a	162301
E021452	4011666514486	Angular male connector WEV-NI 10-8xR1/4a	162301
E021453	4011666514493	Angular male connector WEV-NI 10-8xR3/8a	162301
E021831	4011666514721	T-union TVS-DR 6-4xG1/8ax6-4	162301
E021832	4011666514738	T-union TVS-DR 6-4xG1/4ax6-4	162301
E021842	4011666514752	T-union TVS-DR 8-6xG1/4ax8-6	162301
E021852	4011666514769	T-union TVS-DR 10-8xG1/4ax10-8	162301
E022133	4011666514899	Straight union GVS-NI 6-4x6-4	162301
E022143	4011666514905	Straight union GVS-NI 8-6x6-4	162301
E022144	4011666514912	Straight union GVS-NI 8-6x8-6	162301
E022155	4011666514929	Straight union GVS-NI 10-8x10-8	162301
E022333	4011666515025	T-union TVS-NI 3x6-4	162301
E022344	4011666515032	T-union TVS-NI 3x8-6	162301

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E022355	4011666515049	T-union TVS-NI 3x10-8	162301
E023311	4011666515254	Cross piece KZS-Alu 4 x G1/8i	161351
E023322	4011666515261	Cross piece KZS-Alu 4 x G1/4i	161351
E023333	4011666515278	Cross piece VRB-Alu 4 x G3/8i	161351
E023344	4011666515285	Cross piece KZS-Alu 4 x G1/2i	161351
E023411	4011666515292	Rotating nipple DRN-G1/8a x G1/8i	161342
E023422	4011666515308	Rotating nipple DRN-G1/4a x G1/4i	161342
E023433	4011666515315	Rotating nipple DRN-G3/8a x G3/8i	161342
E024611	4011666515322	Silencer SDP-SMK-G1/8a	351113
E024612	4011666515339	Silencer SDP-SMK-G1/4a	351113
E024613	4011666515346	Silencer SDP-SMK-G3/8a	351113
E024614	4011666515353	Silencer SDP-SMK-G1/2a	351113
E024615	4011666515360	Silencer SDP-SMK-G3/4a	351113
E024616	4011666515377	Silencer SDP-SMK-G1a	351113
E024620	4011666515384	Silencer SDP-SML-M5a	351113
E024621	4011666515391	Silencer SDP-SML-G1/8a	351113
E024622	4011666515407	Silencer SDP-SML-G1/4a	351113
E024623	4011666515414	Silencer SDP-SML-G3/8a	351113
E024624	4011666515421	Silencer SDP-SML-G1/2a	351113
E030000	4011666020581	Double nipple DN-G1 1/2a x G1 1/2a	161341
E030001	4011666020598	Double nipple DN-G1 1/2a x G2a	161341
E030002	4011666020604	Double nipple DN-G1 1/4a x G1 1/2a	161341
E030003	4011666020611	Double nipple DN-G1 1/2a x G2a	161341
E030004	4011666020628	Double nipple DN-G1 1/4a x G1 1/4a	161341
E030006	4011666020734	Double nipple DN-G1a x G1 1/2a	161341
E030022	4011666515568	Double nipple DN-MS-R1/4a x R1/4a	161341
E030033	4011666515575	Double nipple DN-MS-R3/8a x R3/8a	161341
E030044	4011666515582	Double nipple DN-MS-R1/2a x R1/2a	161341
E030045	4011666928184	Double nipple DN-MS-R3/4a x R3/4a	161341
E030048	4011666512802	Double nipple DNL-MS-R1/8a x R1/8a	161341
E030049	4011666512819	Double nipple DNL-MS-R1/8a x R1/4a	161341
E030050	4011666501714	Condensate drain valve KAV-G1/4a	351112
E030051	4011666501899	Condensate drain valve KAV-G3/8a	351112
E030052	4011666512826	Double nipple DNL-MS-R1/4a x R1/4a	161341
E030053	4011666512833	Double nipple DNL-MS-R1/4a x R3/8a	161341
E030054	4011666505354	Double nipple DNL-MS-R3/8a x R3/8a	161341
E030055	4011666512413	Double nipple DNL-MS-R1/2a x R1/2a	161341
E030056	4011666512840	Double nipple DNL-MS-R3/4a x R3/4a	161341
E030057	4011666512857	Double nipple DNL-MS-R1a x R1a	161341
E030058	4011666919854	Condensate drain valve KAV-G1/2a	351112
E030059	4011666022684	Double nipple DNL-G1 1/2i x G1 1/2i	161341
E030060	4011666022660	Double nipple DN-G2a x G2a	161341
E030061	4011666022691	Double nipple DNL-G2i x G2i	161341
E030062	4011666022707	Double nipple DNL-G1 1/4i x G1 1/4i	161341
E030111	4011666515599	Double nipple DN-MS-G1/8a x G1/8a	161341
E030112	4011666515605	Double nipple DN-MS-G1/8a x G1/4a	161341
E030113	4011666515612	Double nipple DN-MS-G1/8a x G3/8a	161341
E030122	4011666515629	Double nipple DN-MS-G1/4a x G1/4a	161341
E030123	4011666515636	Double nipple DN-MS-G1/4a x G3/8a	161341
E030124	4011666515643	Double nipple DN-MS-G1/4a x G1/2a	161341
E030133	4011666515650	Double nipple DN-MS-G3/8a x G3/8a	161341
E030134	4011666515667	Double nipple DN-MS-G3/8a x G1/2a	161341
E030135	4011666515674	Double nipple DN-MS-G3/8a x G3/4a	161341
E030144	4011666515681	Double nipple DN-MS-G1/2a x G1/2a	161341
E030145	4011666515698	Double nipple DN-MS-G1/2a x G3/4a	161341
E030146	4011666515704	Double nipple DN-MS-G1/2a x G1a	161341
E030155	4011666515711	Double nipple DN-MS-G3/4a x G3/4a	161341
E030156	4011666515728	Double nipple DN-MS-G3/4a x G1a	161341
E030166	4011666515735	Double nipple DN-MS-G1a x G1a	161341
E030501	4011666515742	Locking screw VSS-MS-I-R1/8a	161344
E030502	4011666515759	Locking screw VSS-MS-I-R1/4a	161344
E030503	4011666515766	Locking screw VSS-MS-I-R3/8a	161344
E030510	4011666515773	Locking screw VSS-MS-I-B-G1/8a	161344
E030520	4011666509475	Locking screw VSS-MS-I-B-G1/4a	161344
E030530	4011666509482	Locking screw VSS-MS-I-B-G3/8a	161344
E030540	4011666509499	Locking screw VSS-MS-I-B-G1/2a	161344
E030550	4011666512796	Locking screw VSS-MS-I-B-G3/4a	161344
E030611	4011666515780	Angle piece WKS-MS 90-2xR1/8a	161351
E030622	4011666515797	Angle piece WKS-MS 90-2xR1/4a	161351
E030633	4011666515803	Angle piece WKS-MS 90-2xR3/8a	161351
E030644	4011666515810	Angle piece WKS-MS 90-2xR1/2a	161351
E030822	4011666515834	T-piece TSK-MS 90-3xR1/4a	161351
E030833	4011666515841	T-piece TSK-MS 90-3xR3/8a	161351
E030844	4011666515858	T-piece TSK-MS 90-3xR1/2a	161351
E031143	4011666515865	Quick-release couplings for PVC hose SK-NW7,2-8x6mm	161311
E031145	4011666515872	Quick-release couplings for PVC hose SK-NW7,2-12x9mm	161311
E031153	4011666515889	Quick-release couplings for PVC hose, with antikink spring SK-NW7,2-8x6mm-KF	161311
E031155	4011666515896	Quick-release couplings for PVC hose, with antikink spring SK-NW7,2-12x9mm-KF	161311
E031201	4011666512864	Plug nipple with external thread STNP-MS-NW7,2-G1/8a	161312
E031231	4011666512871	Plug nipple with internal thread STNP-MS-NW7,2-G1/8i	161312

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E031342	4011666515902	Plug nipple with hose nozzle for PVC hose STTL-K 4mm	161312
E031343	4011666515919	Plug nipple with hose nozzle for PVC hose STTL-K 6mm	161312
E031345	4011666515926	Plug nipple with hose nozzle for PVC hose STTL-K 9mm	161312
E031353	4011666515933	Plug nipple with hose nozzle for PVC hose STTL-KF 6mm	161312
E031355	4011666515940	Plug nipple with hose nozzle for PVC hose STTL-KF 9mm	161312
E031360	4011666515957	Plug nipple with hose nozzle STNP-MS-NW 7,2-4mm	161312
E032101	4011666515964	Quick-action coupling Mini with external thread SK-NW5-G1/8a-mini	161331
E032102	4011666515971	Quick-action coupling Mini with external thread SK-NW5-G1/4a-mini	161331
E032131	4011666515988	Quick-action coupling Mini with external thread SK-NW5-G1/8i-mini	161331
E032132	4011666515995	Quick-action coupling Mini with internal thread SK-NW5-G1/4i-mini	161331
E032142	4011666516008	Quick-action coupling Mini for PVC hose SK-NW5-6x4mm-mini	161331
E032143	4011666516015	Quick-action coupling Mini for PVC hose SK-NW5-8x6mm-mini	161331
E032160	4011666916022	Quick-action coupling Mini with hose nozzle SK-NW5-4mm-mini	161331
E032161	4011666516039	Quick-action coupling Mini with hose nozzle SK-NW5-6mm-mini	161331
E032162	4011666516046	Quick-action coupling Mini with hose nozzle SK-NW5-9mm-mini	161331
E032201	4011666516053	Plug nipple Mini with external thread STNP-MS-NW5-G1/8a-mini	161331
E032202	4011666516060	Plug nipple Mini with external thread STNP-MS-NW5-G1/4a-mini	161331
E032231	4011666516077	Plug nipple Mini with internal thread STNP-MS-NW5-G1/8i-mini	161331
E032232	4011666516084	Plug nipple Mini with internal thread STNP-MS-NW5-G1/4i-mini	161331
E032342	4011666516091	Plug nipple Mini with hose nozzle STTL-6x4mm-mini	161331
E032343	4011666516107	Plug nipple Mini with hose nozzle STTL-8x6mm-mini	161331
E032360	4011666516114	Plug nipple Mini with hose nozzle STTL-4mm-mini	161331
E032361	4011666516121	Plug nipple Mini with hose nozzle STTL-6mm-mini	161331
E032362	4011666516138	Plug nipple Mini with hose nozzle STTL-9mm-mini	161331
E032701	4011666913029	Quick-release couplings with external thread SK-NW5,5-ARO-G1/4a	161332
E032703	4011666913043	Quick-release couplings with external thread SK-NW5,5-ARO-G1/2a	161332
E032704	4011666913050	Quick-release couplings with internal thread SK-NW5,5-ARO-G1/4i	161332
E032706	4011666913074	Quick-release couplings with internal thread SK-NW5,5-ARO-G1/2i	161332
E032708	4011666913098	Quick-release couplings with hose nozzle SK-NW5,5-ARO-9mm	161332
E032721	4011666913111	Plug nipple with external thread STNP-NW5,5-ARO-G1/4a	161332
E032723	4011666913135	Plug nipple with external thread STNP-NW5,5-ARO-G1/2a	161332
E032724	4011666913142	Plug nipple with internal thread STNP-NW5,5-ARO-G1/4i	161332
E032726	4011666913166	Plug nipple with internal thread STNP-NW5,5-ARO-G1/2i	161332
E032728	4011666913180	Plug nipple with hose nozzle STNP-NW5,5-ARO-9mm	161332
E032811	4011666924506	Quick-release couplings with external thread SK-NW5,5-ISO-G1/4a	161333
E032813	4011666924520	Quick-release couplings with external thread SK-NW5,5-ISO-G1/2a	161333
E032814	4011666924537	Quick-release couplings with internal thread SK-NW5,5-ISO-G1/4i	161333
E032816	4011666924551	Quick-release couplings with internal thread SK-NW5,5-ISO-G1/2i	161333
E032818	4011666924575	Quick-release couplings with hose nozzle SK-NW5,5-ISO-9mm	161333
E032821	4011666924414	Plug nipple with external thread STNP-NW5,5-ISO-R1/4a	161333
E032823	4011666924438	Plug nipple with external thread STNP-NW5,5-ISO-R1/2a	161333
E032824	4011666924445	Plug nipple with internal thread STNP-NW5,5-ISO-G1/4i	161333
E032826	4011666924469	Plug nipple with internal thread STNP-NW5,5-ISO-G1/2i	161333
E032828	4011666924483	Plug nipple with hose nozzle STNP-NW5,5-ISO-9mm	161333
E033241	4011666915054	Steel plug nipple with external thread STNP-FE-NW7,6-EURO-G1/4a	161302
E033242	4011666915061	Steel plug nipple with external thread STNP-FE-NW7,6-EURO-G3/8a	161302
E033243	4011666915078	Steel plug nipple with external thread STNP-FE-NW7,6-EURO-G1/2a	161302
E033244	4011666915085	Steel plug nipple with internal thread STNP-FE-NW7,6-EURO-G1/4i	161302
E033245	4011666915092	Steel plug nipple with internal thread STNP-FE-NW7,6-EURO-G3/8i	161302
E033246	4011666915108	Steel plug nipple with internal thread STNP-FE-NW7,6-EURO-G1/2i	161302
E033247	4011666915115	Steel plug nipple with hose nozzle STNP-FE-NW7,6-EURO-6mm	161302
E033248	4011666915122	Steel plug nipple with hose nozzle STNP-FE-NW7,6-EURO-9mm	161302
E033249	4011666915139	Steel plug nipple with hose nozzle STNP-FE-NW7,6-EURO-13mm	161302
E033401	4011666916099	Quick-release couplings with external thread SK-FE-NW7,6-EURO-G1/4a	161303
E033402	4011666916105	Quick-release couplings with external thread SK-FE-NW7,6-EURO-G3/8a	161303
E033403	4011666916112	Quick-release couplings with external thread SK-FE-NW7,6-EURO-G1/2a	161303
E033404	4011666916129	Quick-release couplings with internal thread SK-FE-NW7,6-EURO-G1/4i	161303
E033405	4011666916136	Quick-release couplings with internal thread SK-FE-NW7,6-EURO-G3/8i	161303
E033406	4011666916143	Quick-release couplings with internal thread SK-FE-NW7,6-EURO-G1/2i	161303
E033407	4011666916150	Quick-release couplings with hose nozzle SK-FE-NW7,6-EURO-6mm	161303
E033408	4011666916167	Quick-release couplings with hose nozzle SK-FE-NW7,6-EURO-9mm	161303
E033409	4011666916174	Quick-release couplings with hose nozzle SK-FE-NW7,6-EURO-13mm	161303
E035733	4011666509239	Distributor VT 3 4xG3/8i	161351
E035734	4011666509246	Distributor VT 3 4xG1/2i	161351
E035833	4011666509215	Distributor VT 2 3xG3/8i	161351
E035834	4011666509222	Distributor VT 2 3xG1/2i	161351
E036911	4011666915146	Safety quick-release couplings with external thread SSK-NW7,6-EURO-G1/4a	161301
E036912	4011666915177	Safety quick-release couplings with external thread SSK-NW7,6-EURO-G3/8a	161301
E036913	4011666915184	Safety quick-release couplings with external thread SSK-NW7,6-EURO-G1/2a	161301
E036914	4011666915191	Safety quick-release couplings with internal thread SSK-NW7,6-EURO-G1/4i	161301
E036915	4011666915207	Safety quick-release couplings with internal thread SSK-NW7,6-EURO-G3/8i	161301
E036916	4011666915214	Safety quick-release couplings with internal thread SSK-NW7,6-EURO-G1/2i	161301
E036917	4011666915221	Safety quick-release couplings with hose nozzle SSK-NW7,6-EURO-6mm	161301
E036918	4011666915238	Safety quick-release couplings with hose nozzle SSK-NW7,6-EURO-9mm	161301
E036919	4011666915245	Safety quick-release couplings with hose nozzle SSK-NW7,6-EURO-13mm	161301
E038105	4011666509192	Spiral hose SSL-PUR 12-8/6m	159322
E038106	4011666509208	Spiral hose SSL-PUR 12-8/7,5m	159322
E038704	4011666509178	Spiral hose SSL-PUR 10-6,5/6m	159322
E038705	4011666509185	Spiral hose SSL-PUR 10-6,5/7,5m	159322
E039008	4011666516145	T-piece TSK-MS 90-3xG1/8i	161351

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E039010	4011666516152	T-piece TSK-MS 90-3xG1/4i	161351
E039012	4011666516169	T-piece TSK-MS 90-3xG3/8i	161351
E039014	4011666516176	T-piece TSK-MS 90-3xG1/2i	161351
E039016	4011666516183	T-piece TSK-MS 90-3xG3/4i	161351
E039018	4011666516190	T-piece TSK-MS 90-3xG1i	161351
E039137	4011666516244	Angle piece WKS-W90 2x G 1/4i MS	161351
E039139	4011666516251	Angle piece WKS-W90 2x G 3/8i MS	161351
E039141	4011666516268	Angle piece WKS-W90 2x G 1/2i MS	161351
E039143	4011666516275	Angle piece WKS-W90 2x G 3/4i MS	161351
E039145	4011666516282	Angle piece WKS-W90 2x G1i MS	161351
E039147	4011666516299	Angle piece WKS-W90 2x G1 1/4i MS	161351
E039149	4011666516305	Angle piece WKS-W90 2x G1 1/2i MS	161351
E041111	4011666516329	Double nipple DN-NI-G1/8a x G1/8a	161341
E041112	4011666516336	Double nipple DN-NI-G1/8a x G1/4a	161341
E041122	4011666516350	Double nipple DN-NI-G1/4a x G1/4a	161341
E041123	4011666516367	Double nipple DN-NI-G1/4a x G3/8a	161341
E041124	4011666516374	Double nipple DN-NI-G1/4a x G1/2a	161341
E041133	4011666516381	Double nipple DN-NI-G3/8a x G3/8a	161341
E041134	4011666516398	Double nipple DN-NI-G3/8a x G1/2a	161341
E041144	4011666516404	Double nipple DN-NI-G1/2a x G1/2a	161341
E041221	4011666516435	Reduction fitting RDS-R1/4a x G1/8i	161342
E041232	4011666516442	Reduction fitting RDS-R3/8a x G1/4i	161342
E041243	4011666516459	Reduction fitting RDS-R1/2a x G3/8i	161342
E041254	4011666516466	Reduction fitting RDS-R3/4a x G1/2i	161342
E041312	4011666516473	Reducing nipple RDN-G1/4a x G1/8i Z	161342
E041323	4011666516480	Reducing nipple RDN-G1/4a x G3/8i Z	161342
E041334	4011666516497	Reducing nipple RDN-G1/2a x G3/8i Z	161342
E041411	4011666516503	Sleeve MU-NI-G1/8i	161343
E041422	4011666516510	Sleeve MU-NI-G1/4i	161343
E041433	4011666516527	Sleeve MU-NI-G3/8i	161343
E041444	4011666516534	Sleeve MU-NI-G1/2i	161343
E041510	4011666516541	Locking screw VSS-NI-AS-G1/8a	161344
E041520	4011666516558	Locking screw VSS-NI-AS-G1/4a	161344
E041530	4011666516565	Locking screw VSS-NI-AS-G3/8a	161344
E041540	4011666516572	Locking screw VSS-NI-AS-G1/2a	161344
E041611	4011666516589	Angle piece WKS-W90-R1/8axG1/8i	161351
E041622	4011666516596	Angle piece WKS-W90-R1/4axG1/4i	161351
E041633	4011666516602	Angle piece WKS-W90-G3/8axR3/8i	161351
E041644	4011666512420	Angle piece WKS-W90-R1/2axG1/2i	161351
E041655	4011666924940	Angle piece WKS-W90-R3/4axG3/4i	161351
E041677	4011666020673	Angle piece WKS-W90-R1a x G1i	161351
E041688	4011666020680	Angle piece WKS-W90-G1 1/4a xG1 1/4i	161351
E041699	4011666020697	Angle piece WKS-W90-G1 1/2a xG1 1/2i	161351
E041711	4011666516619	Angle piece WKS-W90-NI 2xG1/8i	161351
E041722	4011666516626	Angle piece WKS-W90-NI 2xG1/4i	161351
E041733	4011666516633	Angle piece WKS-W90-NI 2xG3/8i	161351
E041744	4011666516640	Angle piece WKS-W90-NI 2xG1/2i	161351
E041822	4011666516664	T-piece TSK-NI 90-3xR1/4a	161351
E041833	4011666516671	T-piece TSK-NI 90-3xR3/8a	161351
E041844	4011666516688	T-piece TSK-NI 90-3xR1/2a	161351
E041922	4011666516701	T-piece TSK-MS 1xR1/4a-2xG1/4i	161351
E041933	4011666516718	T-piece TSK-MS 1xR3/8a-2xG3/8i	161351
E041944	4011666516725	T-piece TSK-MS 1xR1/2a-2xG1/2i	161351
E042122	4011666516749	T-piece TSK-NI 3xG1/4i	161351
E042133	4011666516756	T-piece TSK-NI 3xG3/8i	161351
E042144	4011666516763	T-piece TSK-NI 3xG1/2i	161351
E042222	4011666516787	Y-piece YS-NI 1xR1/4a-2xG1/4i	161351
E042233	4011666516794	Y-piece YS-NI 1xR3/8a-2xG3/8i	161351
E042244	4011666516800	Y-piece YS-NI 1xR1/2a-2xG1/2i	161351
E042322	4011666516824	Cross piece KZS-NI R1/4a-3xG1/4i	161351
E042592	4011666516855	Y-piece YS-NI 3xG1/4i	161351
E042593	4011666516862	Y-piece YS-NI 3xG3/8i	161351
E042594	4011666516879	Y-piece YS-NI 3xG1/2i	161351
E043133	4011666406446	Ball valve KH-G 3/8ixG 3/8i	351111
E043233	4011666519641	Ball valve KH-G 3/8ixG 3/8a	351111
E050086	4011666502025	Ball valve KH-NI-40 G3/8i	351111
E050087	4011666502032	Ball valve KH-NI-40 G1/2i	351111
E050088	4011666502049	Ball valve KH-NI-40 G3/4i	351111
E050089	4011666502056	Ball valve KH-NI-40 G1i	351111
E050093	4011666510211	Ball valve KH-NI-40 G1 1/2i	351111
E050094	4011666510228	Ball valve KH-NI-40 G2i	351111
E050110	4011666520142	Ball valve KH-NI-16 G1/2a x G1/2i	351111
E050111	4011666520159	Ball valve KH-NI-16 G3/4a x G3/4i	351111
E071110	4011666516886	Silencer SDP-SPEP-M5a	351113
E071111	4011666516893	Silencer SDP-SPEP-G1/8a	351113
E071113	4011666516916	Silencer SDP-SPEP-G3/8a	351113
E071114	4011666516923	Silencer SDP-SPEP-G1/2a	351113
E071115	4011666516930	Silencer SDP-SPEP-G3/4a	351113
E072001	4011666516954	Dirt arrester SMF 2xG3/8i	351108
E072002	4011666516961	Dirt arrester SMF 2xG1/2i	351108

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E072114	4011666516978	Silencer SDP-SPE-G1/2a	351113
E072115	4011666516985	Silencer SDP-SPE-G3/4a	351113
E072116	4011666516992	Silencer SDP-SPE-G1a	351113
E094131	4011666509628	Compressed air hose DLS-PE 6-4/50m	159312
E094141	4011666509635	Compressed air hose DLS-PE 8-6/50m	159312
E094151	4011666509642	Compressed air hose DLS-PE 10-8/50m	159312
E095131	4011666509659	Compressed air hose DLS-PUR 6-4/50m	159313
E095141	4011666509666	Compressed air hose DLS-PUR 8-6/50m	159313
E095151	4011666509673	Compressed air hose DLS-PUR 10-8/50m	159313
E104002	4011666509956	Wall-mounted hose holder WH-WSH	359301
E111101	4011666509574	Compressed air hose DLS-PA 4-2/50m	159311
E111131	4011666509581	Compressed air hose DLS-PA 6-4/50m	159311
E111141	4011666509598	Compressed air hose DLS-PA 8-6/50m	159311
E111151	4011666509611	Compressed air hose DLS-PA 10-8/50m	159311
E131012	4011666517005	Screw clamps SRK 8-12mm	359301
E131040	4011666517012	Screw clamps SRK 25-40mm	359301
E131050	4011666517029	Screw clamps SRK 32-50mm	359301
E171112	4011666509550	Compressed air hose DLS 40 16-9/50m	159304
E171113	4011666509567	Compressed air hose DLS 40 21-13/50m	159304
E270000	4011666501745	Pressure switch MDR 2-11	351114
E270001	4011666502087	Pressure switch MDR 4-16	351114
E270018	4011666502179	Load relieving valve ELV 5	351114
E270019	4011666502186	Load relieving valve ELV 4	351114
E270020	4011666501738	Load relieving valve ELV 2	351114
E270021	4011666505361	Load relieving valve ELV3W	351114
E270022	4011666505378	Load relieving valve ELV3WS	351114
E270023	4011666022868	Load relieving valve ELV 2-WS	351114
E270110	4011666505385	Pressure switch MDR 3-11	351114
E270111	4011666505392	Pressure switch MDR 3-16	351114
E270112	4011666505408	Pressure switch MDR 3-11-R 3/4	351114
E270113	4011666505415	Pressure switch MDR 3-16-R3/4	351114
E270114	4011666505422	Pressure switch MDR 3-11-R 3/6,3	351114
E270115	4011666505439	Pressure switch MDR 3-16-R3/6,3	351114
E270116	4011666505446	Pressure switch MDR 3-11-R3/10	351114
E270117	4011666505453	Pressure switch MDR 3-16-R3/10	351114
E670001	4011666517296	Pressure gauge MM-W 50-10b 1/8	351110
E670002	4011666501721	Pressure gauge MM-W 50-16b	351110
E670003	4011666502193	Pressure gauge MM-W 50-25b	351110
E670004	4011666502209	Pressure gauge MM-S 50-16b	351110
E670005	4011666502216	Pressure gauge MM-S 50-25b	351110
E670006	4011666502223	Pressure gauge MM-W 63-16b	351110
E670007	4011666502230	Pressure gauge MM-W 63-25b	351110
E670008	4011666502247	Pressure gauge MM-S 63-16b	351110
E670009	4011666502254	Pressure gauge MM-S 63-25b	351110
E670010	4011666502261	Pressure gauge MM-W 80-16b	351110
E670014	4011666502308	Pressure gauge MM-W 40-10b	351110
E670017	4011666517319	Pressure gauge MM-W 40-16b	351110
E670018	4011666517326	Pressure gauge MM-W 50-6b 1/8	351110
E670020	4011666517340	Pressure gauge MM-W 50-6b 1/4	351110
E670021	4011666517357	Pressure gauge MM-W 50-10b 1/4	351110
E670025	4011666517364	Pressure gauge MM-W 63-6b	351110
E670026	4011666517371	Pressure gauge MM-W 63-10b	351110
E670029	4011666517395	Pressure gauge MM-S 40-16b	351110
E670030	4011666517401	Pressure gauge MM-S 50-6b	351110
E670031	4011666517418	Pressure gauge MM-S 50-10b	351110
E670032	4011666517425	Pressure gauge MM-S 63-6b	351110
E670033	4011666517432	Pressure gauge MM-S 63-10b	351110
E670040	4011666517449	Pressure gauge MM-W 40-6b	351110
E670100	4011666517456	Pressure gauge MM-S 100-16b B	351110
E670101	4011666517463	Pressure gauge MM-S 100-25b B	351110
E670102	4011666517470	Pressure gauge MM-S 100-6b	351110
E670103	4011666517487	Pressure gauge MM-S 100-10b	351110
E670104	4011666517494	Pressure gauge MM-S 100-16b	351110
E670105	4011666517500	Pressure gauge MM-S 100-25b	351110
E700001	4011666502315	Quick-release couplings with external thread SK-NW7,2-G1/4a	161311
E700002	4011666502322	Quick-release couplings with external thread SK-NW7,2-G3/8a	161311
E700003	4011666502339	Quick-release couplings with external thread SK-NW7,2-G1/2a	161311
E700004	4011666502346	Quick-release couplings with internal thread SK-NW7,2-G1/4i	161311
E700005	4011666502353	Quick-release couplings with internal thread SK-NW7,2-G3/8i	161311
E700006	4011666502360	Quick-release couplings with internal thread SK-NW7,2-G1/2i	161311
E700007	4011666502377	Quick-release couplings with hose nozzle SK-NW7,2-6mm	161311
E700008	4011666502384	Quick-release couplings with hose nozzle SK-NW7,2-9mm	161311
E700010	4011666502391	Plug nipple with hose nozzle STNP-MS-NW7,2-6mm	161312
E700011	4011666502407	Plug nipple with hose nozzle STNP-MS-NW7,2-9mm	161312
E700051	4011666510242	Safety valve SV-G1/2a-11 bar	351112
E700052	4011666510259	Safety valve SV-G1/2a-16 bar	351112
E700054	4011666517524	Safety valve SV-G3/4a-11 bar	351112
E700102	4011666501752	Safety valve SV-G1/4a-11 bar	351112
E700103	4011666502445	Safety valve SV-G1/4a-16 bar	351112
E700104	4011666501769	Safety valve SV-G3/8a-11 bar	351112

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E700105	4011666502452	Safety valve SV-G3/8a-16 bar	351112
E700106	4011666502469	Safety valve SV-G1/2a-11 bar	351112
E700107	4011666502476	Safety valve SV-G1/2a-16 bar	351112
E700120	4011666505460	Distributor with quick-release couplings VT 2 G3/8i-2xSK	161311
E700121	4011666505477	Distributor with quick-release couplings VT 3 G3/8i-3xSK	161311
E700209	4011666505484	Quick-release couplings with hose nozzle SK-NW7,2-13mm	161311
E700212	4011666505491	Plug nipple with hose nozzle STNP-MS-NW7,2-13mm	161312
E700213	4011666505507	Plug nipple with external thread STNP-MS-NW7,2-G1/4a	161312
E700214	4011666505514	Plug nipple with external thread STNP-MS-NW7,2-G3/8a	161312
E700215	4011666505521	Plug nipple with external thread STNP-MS-NW7,2-G1/2a	161312
E700216	4011666505538	Plug nipple with internal thread STNP-MS-NW7,2-G1/4i	161312
E700217	4011666505545	Plug nipple with internal thread STNP-MS-NW7,2-G3/8i	161312
E700218	4011666505552	Plug nipple with internal thread STNP-MS-NW7,2-G1/2i	161312
E700220	4011666519702	Plug nipple STNP-R1/4a	161312
E730023	4011666502490	Compressed air hose DLS-SF 19-12,7/50m	159303
E730024	4011666519009	Compressed air hose DLS-SF 19-12,7/25m	159303
E730031	4011666502513	Compressed air hose DLS-SF 11-6,3/50m	159303
E730033	4011666502537	Compressed air hose DLS-SF 15,5-10/50m	159303
E730036	4011666518996	Compressed air hose DLS-SF 15,5-10/25m	159303
E730037	4011666518989	Compressed air hose DLS-SF 11-6,3/25m	159303
E730040	4011666519016	Compressed air hose DLS-SF 27-19/25m	159303
E730041	4011666519023	Compressed air hose DLS-SF 27-19/50m	159303
E740002	4011666502551	Compressed air hose DLS 11-6/50m	159301
E740003	4011666518941	Compressed air hose DLS 11-6/25m	159301
E740011	4011666502575	Compressed air hose DLS 15-9/50m	159301
E740012	4011666518958	Compressed air hose DLS 15-9/25m	159301
E740021	4011666502599	Compressed air hose DLS 18,6-13/50m	159301
E740022	4011666518965	Compressed air hose DLS 18,6-13/25m	159301
E740042	4011666518972	Compressed air hose DLS-OA 15-9/25m	159302
E770022	4011666517579	Hose nozzle with external thread STL-G1/8a x 4mm	161321
E770023	4011666517586	Hose nozzle with external thread STL-G1/8a x 6mm	161321
E770024	4011666517593	Hose nozzle with external thread STL-G1/4a x 4mm	161321
E770033	4011666517609	Hose nozzle with external thread STL-G3/4a x 13mm	161321
E770034	4011666517616	Hose nozzle with external thread STL-G3/4a x 19mm	161321
E770049	4011666509468	Hose coupling SLVR 4mm	161321
E770052	4011666517630	Hose coupling SLVR 13mm	161321
E770061	4011666517647	Reduction fitting RDS-G3/8a x G1/8i	161342
E770062	4011666517654	Reduction fitting RDS-G1/2a x G1/8i	161342
E770063	4011666517661	Reduction fitting RDS-G1/2a x G1/4i	161342
E770064	4011666517678	Reduction fitting RDS-G3/4a x G3/8i	161342
E770073	4011666505583	Sleeve MU-MS-G3/4i	161343
E770074	4011666517685	Sleeve MU-MS-G1i	161343
E770076	4011666517692	Sleeve MU-MS-G1/8i	161343
E770077	4011666505606	Reduction fitting RDS-G3/4a x G1/2i	161342
E770078	4011666501271	Reduction fitting RDS-G1a x G1/2i	158302
E770079	4011666501288	Reduction fitting RDS-G1a x G3/4i	158302
E770080	4011666517708	Reducing nipple RDN-G1/8a x G1/8i	161342
E770081	4011666512789	Reducing nipple RDN-G1/8a x G1/4i	161342
E770082	4011666517715	Reducing nipple RDN-G1/4a x G1/8i	161342
E770083	4011666517722	Reducing nipple RDN-G1/4a x G1/4i	161342
E770084	4011666517739	Reducing nipple RDN-G3/8a x G1/4i	161342
E770085	4011666517746	Reducing nipple RDN-G3/8a x G3/8i	161342
E770086	4011666517753	Reducing nipple RDN-G1/2a x G3/8i	161342
E770087	4011666517760	Reducing nipple RDN-G1/2a x G1/2i	161342
E770092	4011666502780	Check valve RV-G1/2i	351112
E770093	4011666501295	Reduction fitting RDS-G1 1/2a x G1i	158302
E770094	4011666501301	Reduction fitting RDS-G2a x G1i	158302
E770095	4011666518262	Reduction fitting RDS-G1 1/4a x G1/2i	158302
E770096	4011666518279	Reduction fitting RDS-G1 1/4a x G3/4i	158302
E770099	4011666521156	Reducing nipple RDN R 3/4a x G 1/2i"	161342
E770100	4011666521149	Reducing nipple RDN R1a x G 1/2i"	161342
E770103	4011666521170	Reducing nipple RDN R1 1/4a x Rp 3/4i	161342
E770119	4011666020529	Reduction fitting RDS-G2a x G1 1/2i	161342
E770120	4011666020536	Reduction fitting RDS-G1 1/2a x G1 1/4i	161342
E770121	4011666020543	Reduction fitting RDS-G1 1/4a x G1i	161342
E770122	4011666020550	Reduction fitting RDS-G2a x G1 1/4i	161342
E770123	4011666020567	Reduction fitting RDS-G1 1/2a x G3/4i	161342
E770124	4011666020932	Reduction fitting RDS-G2a x G3/4i	161342
E770125	4011666502858	Sealing tape BND-12mx12mm/10	597301
E770210	4011666505613	HOSE CLAMP SLK 11-13mm	359301
E770211	4011666505620	HOSE CLAMP SLK 13-15mm	359301
E770212	4011666505637	HOSE CLAMP SLK 15-18mm	359301
E770215	4011666505644	Screw clamps SRK 10-16mm	359301
E770216	4011666505651	Screw clamps SRK 12-20mm	359301
E770217	4011666505668	Screw clamps SRK 16-25mm	359301
E770218	4011666505675	Screw clamps SRK 20-32mm	359301
E770225	4011666505682	Hose nozzle with external thread STL-G1/4a x 6mm	161321
E770226	4011666505705	Hose nozzle with external thread STL-G1/4a x 9mm	161321
E770227	4011666505712	Hose nozzle with external thread STL-G3/8a x 6mm	161321
E770228	4011666505729	Hose nozzle with external thread STL-G3/8a x 9mm	161321

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E770229	4011666505736	Hose nozzle with external thread STL-G3/8a x 13mm	161321
E770230	4011666505743	Hose nozzle with external thread STL-G1/2a x 6mm	161321
E770231	4011666505750	Hose nozzle with external thread STL-G1/2a x 9mm	161321
E770232	4011666505767	Hose nozzle with external thread STL-G1/2a x 13mm	161321
E770235	4011666505774	Hose nozzle with internal thread STL-G1/4i x 6mm	161321
E770236	4011666505781	Hose nozzle with internal thread STL-G1/4i x 9mm	161321
E770237	4011666505804	Hose nozzle with internal thread STL-G3/8i x 6mm	161321
E770238	4011666505811	Hose nozzle with internal thread STL-G3/8i x 9mm	161321
E770241	4011666505835	Hose nozzle with internal thread STL-G1/2i x 9mm	161321
E770242	4011666505842	Hose nozzle with internal thread STL-G1/2i x 13mm	161321
E770250	4011666505859	Hose coupling SLVR 6mm	161321
E770251	4011666505866	Hose coupling SLVR 9mm	161321
E770255	4011666505873	Double nipple DN-St-G1/4a x G1/8a	161341
E770256	4011666505903	Double nipple DN-St-G1/4a x G1/4a	161341
E770257	4011666505910	Double nipple DN-St-G3/8a x G1/4a	161341
E770258	4011666505927	Double nipple DN-St-G3/8a x G3/8a	161341
E770259	4011666505934	Double nipple DN-St-G1/2a x G3/8a	161341
E770260	4011666505941	Double nipple DN-St-G1/2a x G1/2a	161341
E770265	4011666505958	Reduction fitting RDS-G1/4a x G1/8i	161342
E770266	4011666505965	Reduction fitting RDS-G3/8a x G1/4i	161342
E770267	4011666505972	Reduction fitting RDS-G1/2a x G3/8i	161342
E770268	4011666506009	Reducing nipple RDN-G1/4a x G3/8i	161342
E770269	4011666506016	Reducing nipple RDN-G3/8a x G1/2i	161342
E770270	4011666506023	Sleeve MU-MS-G1/4i	161343
E770271	4011666506030	Sleeve MU-MS-G3/8i	161343
E770272	4011666506047	Sleeve MU-MS-G1/2i	161343
E770273	4011666020703	Sleeve MU-G2i	161343
E770274	4011666020710	Sleeve MU-G1 1/2i	161343
E770275	4011666506054	Reducing nipple RDN-G1/2a x G3/4i	161342
E770276	4011666020642	Reducing nipple RDN-G1 1/4a x G1 1/2i	161342
E770277	4011666020659	Reducing nipple RDN-G1a x G1 1/4i	161342
E770278	4011666020666	Reducing nipple RDN-G3/4a x G1i	161342
E770279	4011666020727	Sleeve MU-G1 1/4i	161343
E770288	4011666506061	Double nipple DN-St-G1/2a x G1/4a	161341
E770376	4011666022974	Reducing nipple RDN R1a x R 3/4i	161342
E771130	4011666500151	Oil OEMIN-DLW 0,2	597401
E771140	4011666519726	Thread-locking fluid SSI 50ml	597301
E771142	4011666912305	Thread-locking fluid SSI 10ml	597301
E800100	4011666506078	Clamp holder for assembly clamps MKL 1-4mm HA-13-20mm/50	258301
E800212	4011666519580	Midi dead-end distribution block EVM 3/8-1/2	158303
E800213	4011666519597	Midi dead-end distribution block EVM 2 x 3/8-1/2	158303
E800214	4011666519603	Midi dead-end distribution block STS-LDDM 3/8-2x1/2	158303
E800230	4011666914583	Pipe socket Basic G1/2"i RLD-B 2x1/2i	158303
E800231	4011666914590	Pipe socket Basic G1/2"i RLD-B 3x1/2i	158303
E800232	4011666914606	Pipe socket Basic G1/2"i RLD-B 4x1/2i	158303
E800233	4011666914613	Pipe socket Basic G1/2"i RLD-B 6x1/2i	158303
E800234	4011666915252	Pipe socket Basic G1" RLD-B 4x1i-1/2i	158303
E800240	4011666914620	Pipe socket Top G1/2" RLD-T 2x1/2i	158303
E800241	4011666914637	Pipe socket Top G1/2" RLD-T 3x1/2i	158303
E800242	4011666914644	Pipe socket Top G1/2" RLD-T 4x1/2i	158303
E800243	4011666915764	Dead-end distribution block Basic+Top G1/2" RLD-BT 2+2x1/2i	158303
E800244	4011666915771	Dead-end distribution block Basic+Top G1/2" RLD-BT 2+3x1/2i	158303
E800245	4011666915689	Top socket with quick-release couplings RLD-T 2xSK	158303
E800246	4011666915726	Top socket with quick-release couplings RLD-T 3xSK	158303
E800247	4011666915740	Top socket with quick-release couplings RLD-T 4xSK	158303
E800248	4011666915702	Top socket with pressure reducer RLD-T 2xSK-DM	158303
E800255	4011666915696	Top socket with safety quick-release coupling RLD-T 2xSSK	158303
E800256	4011666915733	Top socket with safety quick-release coupling RLD-T 3xSSK	158303
E800260	4011666915719	Top socket with filter pressure reducer RLD-T 2xSK-FDM	158303
E800265	4011666916358	Top socket with steel quick-release couplings RLD-T 2xSK-FE	158303
E800266	4011666916372	Top socket with steel quick-release couplings RLD-T 3xSK-FE	158303
E800267	4011666916389	Top socket with steel quick-release couplings RLD-T 4xSK-FE	158303
E815026	4011666503190	Assembly clamps for steel girders MKL 4-7mm/18/50	258301
E815027	4011666503206	Assembly clamps for steel girders MKL 8-12mm/18/50	258301
E815028	4011666506269	Assembly clamps for steel girders MKL 1-4mm/18/50	258301
E815030	4011666503213	Support sleeve KSY-SH15	158302
E815035	4011666503220	Straight screwed coupling KSY-GE15-R1/2a	158302
E815036	4011666503237	Angular male connector KSY-WEV15-R1/2a	158302
E815037	4011666503244	Straight pipe connexion KSY-G15	158302
E815038	4011666503251	Threaded pipe angle KSY-WV90-15	158302
E815039	4011666503268	T-union KSY-TVS15	158302
E815100	4011666503312	Rolled pipe, black DLR-R-PA-S 15x12mm/25m	158301
E815107	4011666520166	Lengths of pipe, grey DLR-S-PA-G 15x12mm/6m	158301
E815108	4011666519764	Rolled pipe, grey DLR-R-PA-G 15x12mm/10m	158301
E815109	4011666519771	Rolled pipe, grey DLR-R-PA-G 15x12mm/25m	158301
E815125	4011666506245	Pipe clips RK15schwarz/25	258301
E815205	4011666520173	Lengths of pipe, grey DLR-ALU-G 15x12mm/6m	158301
E815245	4011666915788	Dead-end distribution block RLD-BT 15-2xSK	158303
E815246	4011666915818	Dead-end distribution block RLD-BT 15-3xSK	158303
E815248	4011666915962	Dead-end distribution block RLD-BT 15-KH-2xSK-DM	158303

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E815255	4011666915900	Dead-end distribution block RLD-BT 15-KH-2xSSK	158303
E815256	4011666915931	Dead-end distribution block RLD-BT 15-KH-3xSSK	158303
E815260	4011666915993	Dead-end distribution block RLD-BT 15-KH-2xSK-FDM	158303
E815270	4011666915351	Dead-end distribution block RLD-B 15-1/2i	158303
E815271	4011666915412	Dead-end distribution block RLD-B 15-KH-1/2i	158303
E815273	4011666915566	Air junction box RLD-B 2x15-1/2i	158303
E815274	4011666915627	Air junction box RLD-B 3x15-1/2i	158303
E815276	4011666915269	Air inlet box RLD-B 15-2x1/2i	158303
E815280	4011666915382	Dead-end distribution block RLD-B 15-SK	158303
E815281	4011666915443	Dead-end distribution block RLD-B 15-KH-SK	158303
E815283	4011666915597	Air connection block with quick-action coupling RLD-B 2x15-SK	158303
E815284	4011666915658	Air junction box with quick-action coupling RLD-B 3x15-SK	158303
E815286	4011666915290	Air inlet box with quick-action coupling RLD-B 15-1/2i-SK	158303
E815291	4011666915474	Dead-end distribution block RLD-B 15-KH-SSK	158303
E815296	4011666915320	Air inlet box with safety quick-release coupling RLD-B 15-1/2i-SSK	158303
E815314	4011666510396	Blind cap STV-BK 15	158302
E815333	4011666510563	Straight female push-in connexion STV-GES15-G1/2i	158302
E815335	4011666804044	Straight male push-in connexion STV-GES15-G1/2a	158302
E815336	4011666510570	Angle male push-in connexion WV15-G1/2a	158302
E815337	4011666510587	Straight push-in connexion STV-GS15	158302
E815338	4011666510594	Right-angle plug connector 90° STV-W90-15	158302
E815339	4011666510600	T-branch push-in connexion STV-TS15	158302
E815345	4011666510655	Water collector STS-WSA 15	158302
E815350	4011666510709	Air shut-off cock STS-LAH 15-2GES 15	158302
E815352	4011666512543	Sliding sleeve STV-SM 15	158302
E815355	4011666517777	Angle plug connector 45° STV-W45-15	158302
E815360	4011666518880	Connecting adapter VST15xG1/2a	158302
E815365	4011666519115	Midi air inlet box STS-LEM15-G1/2i-SK-GES15	158303
E815367	4011666519177	Midi air connection block with quick-action coupling STS-LDDM15-SK-2GES15	158303
E815369	4011666519320	Midi dead-end distribution block with quick-action coupling EVM15-SK-GES15	158303
E815371	4011666519351	Midi dead-end distribution block with 2 quick-release couplings EVM15-2SK-GES15	158303
E815373	4011666519535	Midi dead-end distribution block with quick-action coupling and stop cock EVM15-FDM-SK-GES15	158303
E815374	4011666519474	Midi dead-end distribution block with quick-action coupling and stop cock EVM15-DM-SK-GES15	158303
E815376	4011666519566	Midi dead-end distribution block with quick-action coupling and stop cock EVM15-FDM/N-SK-GES15	158303
E815379	4011666519382	Midi dead-end distribution block with quick-action coupling and stop cock EVM15-SK-GES15	158303
E815380	4011666519412	Midi dead-end distribution block with 2 quick-release couplings and stop cock EVM15-2SK-GES15	158303
E815381	4011666519863	Straight male push-in connexion STV-GES15-G1/2a V4A	158302
E815383	4011666520050	Straight female push-in connexion STV-GES15-G1/2i V4A	158302
E815385	4011666519870	Straight push-in connexion STV-GS15 V4A	158302
E815386	4011666519887	Right-angle plug connector 90° STV-W90/15 V4A	158302
E815387	4011666519894	Angle plug connector 45° STV-W45/15 V4A	158302
E815388	4011666519900	T-branch push-in connexion STV-T15 V4A	158302
E815390	4011666520067	Sliding sleeve STV-SM 15 V4A	158302
E815391	4011666519917	Blind cap STV-BK 15 V4A	158302
E815392	4011666519924	Angle male push-in connexion WV15-G1/2a-V4A	158302
E815400	4011666520180	Lengths of pipe, silver-matt DLR-V4A 15x13mm/6m	158301
E815414	4011666510716	Water collector STS-WSM 15	158302
E815425	4011666520487	Pipe clips RK15grau/25	258301
E815445	4011666915849	Dead-end distribution block RLD-BT 15-KH-2xSK	158303
E815446	4011666915870	Dead-end distribution block RLD-BT 15-KH-3xSK	158303
E818030	4011666503732	Support sleeve KSY-SH18	158302
E818033	4011666506443	T-union KSY-TVS18-15-18	158302
E818035	4011666503749	Straight screwed coupling KSY-GE18-R1/2a	158302
E818036	4011666503756	Angular male connector KSY-WEV18-R1/2a	158302
E818037	4011666503763	Straight pipe connexion KSY-G18	158302
E818038	4011666503770	Threaded pipe angle KSY-WV90-18	158302
E818039	4011666503787	T-union KSY-TVS18	158302
E818100	4011666503831	Rolled pipe, black DLR-R-PA-S 18x14mm/25m	158301
E818107	4011666520203	Lengths of pipe, grey DLR-S-PA-G 18x14mm/6m	158301
E818108	4011666519788	Rolled pipe, grey DLR-R-PA-G 18x14mm/10m	158301
E818109	4011666519795	Rolled pipe, grey DLR-R-PA-G 18x14mm/25m	158301
E818125	4011666506528	Pipe clips RK18schwarz/25	258301
E818205	4011666520197	Lengths of pipe, grey DLR-ALU-G 18x15mm/6m	158301
E818245	4011666915795	Dead-end distribution block RLD-BT 18-2xSK	158303
E818246	4011666915825	Dead-end distribution block RLD-BT 18-3xSK	158303
E818248	4011666915979	Dead-end distribution block RLD-BT 18-KH-2xSK-DM	158303
E818255	4011666915917	Dead-end distribution block RLD-BT 18-KH-2xSSK	158303
E818256	4011666915948	Dead-end distribution block RLD-BT 18-KH-3xSSK	158303
E818260	4011666916006	Dead-end distribution block RLD-BT 18-KH-2xSK-FDM	158303
E818270	4011666915368	Dead-end distribution block RLD-B 18-1/2i	158303
E818271	4011666915429	Dead-end distribution block RLD-B 18-KH-1/2i	158303
E818273	4011666915573	Air junction box RLD-B 2x18-1/2i	158303
E818274	4011666915634	Air junction box RLD-B 3x18-1/2i	158303
E818276	4011666915276	Air inlet box RLD-B 18-2x1/2i	158303
E818280	4011666915399	Dead-end distribution block RLD-B 18-SK	158303
E818281	4011666915450	Dead-end distribution block RLD-B 18-KH-SK	158303
E818283	4011666915603	Air connection block with quick-action coupling RLD-B 2x18-SK	158303
E818284	4011666915665	Air junction box with quick-action coupling RLD-B 3x18-SK	158303
E818286	4011666915306	Air connection block with quick-action coupling RLD-B 18-1/2i-SK	158303
E818291	4011666915481	Dead-end distribution block with ball valve and safety quick-release coupling RLD-B 18-KH-SSK	158303

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E818296	4011666915337	Air inlet box with safety quick-release coupling RLD-B 18-1/2i-SSK	158303
E818314	4011666510808	Blind cap STV-BK 18	158302
E818332	4011666510945	Straight female push-in connexion STV-GES18-G1/2i	158302
E818333	4011666510952	Straight female push-in connexion STV-GES18-G3/4i	158302
E818334	4011666510969	Straight male push-in connexion STV-GES18-G3/4a	158302
E818335	4011666510976	Straight male push-in connexion STV-GES18-G 1/2a	158302
E818336	4011666510983	Angle male push-in connexion WV18-G1/2a	158302
E818337	4011666510990	Straight push-in connexion STV-GS18	158302
E818338	4011666511003	Right-angle plug connector 90° STV-W90-18	158302
E818339	4011666511010	T-branch push-in connexion STV-TS18	158302
E818345	4011666511065	Water collector STS-WSA 18	158302
E818350	4011666511119	Air shut-off cock STS-LAH 18-2GES 18	158302
E818352	4011666512550	Sliding sleeve STV-SM 18	158302
E818355	4011666517784	Angle plug connector 45° STV-W45-18	158302
E818360	4011666518897	Connecting adapter VST18xG1/2a	158302
E818361	4011666518903	Connecting adapter VST18xG3/4a	158302
E818365	4011666519122	Midi air inlet box STS-LEM18-G1/2i-SK-GES18	158303
E818367	4011666519184	Midi air connection block with quick-action coupling STS-LDDM18-SK-2GES18	158303
E818369	4011666519337	Midi dead-end distribution block with quick-action coupling EVM18-SK-GES18	158303
E818371	4011666519368	Midi dead-end distribution block with 2 quick-release couplings EVM18-2SK-GES18	158303
E818373	4011666519542	Midi dead-end distribution block with quick-action coupling and stop cock EVM18-FDM-SK-GES18	158303
E818374	4011666519481	Midi dead-end distribution block with quick-action coupling and stop cock EVM18-DM-SK-GES18	158303
E818376	4011666519573	Midi dead-end distribution block with quick-action coupling and stop cock EVM18-FDM/N-SK-GES18	158303
E818379	4011666519399	Midi dead-end distribution block with quick-action coupling and stop cock EVM18-SK-GES18	158303
E818380	4011666519429	Midi dead-end distribution block with 2 quick-release couplings and stop cock EVM18-2SK-GES18	158303
E818414	4011666511126	Water collector STS-WSM 18	158302
E818425	4011666520494	Pipe clips RK18grau/25	258301
E818445	4011666915856	Dead-end distribution block Basic+Top with ball valve and quick-release couplings RLD-BT 18-KH-2xSK	158303
E818446	4011666915887	Dead-end distribution block Basic+Top with ball valve and quick-release couplings RLD-BT 18-KH-3xSK	158303
E818448	4011666518040	Pipe clamps RSL 15-19mm/25	258301
E822026	4011666504302	Assembly clamps for steel girders MKL 4-7mm/22/50	258301
E822027	4011666504746	Assembly clamps for steel girders MKL 8-12mm/22/50	258301
E822028	4011666506719	Assembly clamps for steel girders MKL 1-4mm/22/50	258301
E822030	4011666504319	Support sleeve KSY-SH22	158302
E822031	4011666506726	Angular male connector KSY-WEV22-R1/2a	158302
E822032	4011666506733	Straight screwed coupling KSY-GE22-R1/2a	158302
E822033	4011666504326	T-union KSY-TVS22-15-22	158302
E822034	4011666504333	T-union KSY-TVS22-18-22	158302
E822035	4011666504340	Straight screwed coupling KSY-GE22-R3/4a	158302
E822036	4011666504357	Angular male connector KSY-WEV22-R3/4a	158302
E822037	4011666504364	Straight pipe connexion KSY-G22	158302
E822038	4011666504371	Threaded pipe angle KSY-WV90-22	158302
E822039	4011666504388	T-union KSY-TVS22	158302
E822100	4011666504432	Rolled pipe, black DLR-R-PA-S 22x18mm/25m	158301
E822106	4011666505125	Lengths of pipe, black DLR-S-PA-S 22x18mm/6m	158301
E822107	4011666520210	Lengths of pipe, grey DLR-S-PA-G 22x18mm/6m	158301
E822109	4011666519801	Rolled pipe, grey DLR-R-PA-G 22x18mm/25m	158301
E822125	4011666506825	Pipe clips RK22schwarz/25	258301
E822205	4011666520227	Lengths of pipe, grey DLR-ALU-G 22x18mm/6m	158301
E822245	4011666915801	Dead-end distribution block RLD-BT 22-2xSK	158303
E822246	4011666915832	Dead-end distribution block RLD-BT 22-3xSK	158303
E822248	4011666915986	Dead-end distribution block RLD-BT 22-KH-2xSK-DM	158303
E822255	4011666915924	Dead-end distribution block RLD-BT 22-KH-2xSSK	158303
E822256	4011666915955	Dead-end distribution block RLD-BT 22-KH-3xSSK	158303
E822260	4011666916013	Dead-end distribution block RLD-BT 22-KH-2xSK-FDM	158303
E822270	4011666915375	Dead-end distribution block RLD-B 22-1/2i	158303
E822271	4011666915436	Dead-end distribution block RLD-B 22-KH-1/2i	158303
E822273	4011666915580	Air junction box RLD-B 2x22-1/2i	158303
E822274	4011666915641	Air junction box RLD-B 3x22-1/2i	158303
E822276	4011666915283	Air inlet box RLD-B 22-2x1/2i	158303
E822280	4011666915405	Dead-end distribution block RLD-B 22-SK	158303
E822281	4011666915467	Dead-end distribution block RLD-B 22-KH-SK	158303
E822283	4011666915610	Air connection block with quick-action coupling RLD-B 2x22-SK	158303
E822284	4011666915672	Air junction box with quick-action coupling RLD-B 3x22-SK	158303
E822286	4011666915313	Air inlet box with quick-action coupling RLD-B 22-1/2i-SK	158303
E822291	4011666915498	Dead-end distribution block with ball valve and safety quick-release coupling RLD-B 22-KH-SSK	158303
E822296	4011666915344	Air inlet box with safety quick-release coupling RLD-B 22-1/2i-SSK	158303
E822314	4011666511225	Blind cap STV-BK 22	158302
E822330	4011666511362	T-branch push-in connexion STV-TS22-15-22	158302
E822331	4011666511379	T-branch push-in connexion STV-TS22-18-22	158302
E822332	4011666511386	Straight female push-in connexion STV-GES22-G1/2i	158302
E822333	4011666511393	Straight female push-in connexion STV-GES22-G3/4i	158302
E822334	4011666511409	Straight male push-in connexion STV-GES22-G3/4a	158302
E822335	4011666511416	Straight male push-in connexion STV-GES22-G1/2a	158302
E822336	4011666511423	Angle male push-in connexion WV22-G 3/4a	158302
E822337	4011666511430	Straight push-in connexion STV-GS22	158302
E822338	4011666511447	Right-angle plug connector 90° STV-W90-22	158302
E822339	4011666511454	T-branch push-in connexion STV-TS22	158302
E822341	4011666928153	Plug connector STV-GRS 22a x 15i	158302
E822345	4011666511508	Water collector STS-WSA 22	158302

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E822350	4011666511553	Air shut-off cock STS-LAH 22-2GES 22	158302
E822351	4011666511560	Reducing push-in connexion STV-GRS 22a x 18i	158302
E822352	4011666512567	Sliding sleeve STV-SM 22	158302
E822355	4011666517791	Angle plug connector 45° STV-W45-22	158302
E822360	4011666518910	Connecting adapter VST22xG1/2a	158302
E822361	4011666518927	Connecting adapter VST22xG3/4a	158302
E822365	4011666520234	Energy-saving system STS-ESAT 22 S	158302
E822381	4011666519931	Straight male push-in connexion STV-GES22-G1/2a-V4A	158302
E822382	4011666519948	Straight male push-in connexion STV-GES22-G3/4a-V4A	158302
E822383	4011666519955	Straight female push-in connexion STV-GES22-G1/2i-V4A	158302
E822384	4011666519962	Straight female push-in connexion STV-GES22-G3/4i-V4A	158302
E822385	4011666519979	Straight push-in connexion STV-GS22 V4A	158302
E822386	4011666519986	Right-angle plug connector 90° STV-W90/22 V4A	158302
E822387	4011666519993	Angle plug connector 45° STV-W45/22 V4A	158302
E822388	4011666520005	T-branch push-in connexion STV-T22 V4A	158302
E822389	4011666520012	T-branch push-in connexion STV-T22-15-22 V4A	158302
E822390	4011666520029	Sliding sleeve STV-SM 22 V4A	158302
E822391	4011666520036	Blind cap STV-BK 22 V4A	158302
E822392	4011666520043	Angle male push-in connexion WV22-G3/4a-V4A	158302
E822400	4011666520241	Lengths of pipe, silver-matt DLR-V4A 22x19,6mm/6m	158301
E822414	4011666511577	Water collector STS-WSM 22	158302
E822425	4011666520500	Pipe clips RK22grau/25	258301
E822445	4011666915863	Dead-end distribution block RLD-BT 22-KH-2xSK	158303
E822446	4011666915894	Dead-end distribution block RLD-BT 22-KH-3xSK	158303
E822448	4011666518064	Pipe clamps RSL 21-23mm/25	258301
E828030	4011666510037	Support sleeve KSY-SH28	158302
E828031	4011666510044	Bended connexion KSY-BV28	158302
E828033	4011666510051	T-union KSY-TVS28-15-28	158302
E828034	4011666510068	T-union KSY-TVS28-18-28	158302
E828035	4011666510075	Straight screwed coupling KSY-GE28-R1a	158302
E828036	4011666510082	Straight screwed coupling KSY-GE28-R3/4a	158302
E828037	4011666510099	Straight pipe connexion KSY-G28	158302
E828038	4011666510105	Threaded pipe angle KSY-WV90-28	158302
E828039	4011666510112	T-union KSY-TVS28	158302
E828107	4011666520258	Lengths of pipe, grey DLR-S-PA-G 28x23mm/6m	158301
E828109	4011666519818	Rolled pipe, grey DLR-R-PA-G 28x23mm/25m	158301
E828125	4011666520463	Pipe clips RK28schwarz/25	258301
E828205	4011666520265	Lengths of pipe, grey DLR-ALU-G 28x24mm/6m	158301
E828314	4011666511645	Blind cap STV-BK 28	158302
E828328	4011666511652	T-branch push-in connexion STV-TS28-18-18	158302
E828329	4011666511669	T-branch push-in connexion STV-TS28-22-22	158302
E828330	4011666511676	T-branch push-in connexion STV-TS28-18-28	158302
E828331	4011666511683	T-branch push-in connexion STV-TS28-22-28	158302
E828333	4011666511690	Straight female push-in connexion STV-GES28-G1i	158302
E828335	4011666511706	Straight male push-in connexion STV-GES28-G1a	158302
E828336	4011666518873	Angle male push-in connexion WV28-G1a	158302
E828337	4011666511713	Straight push-in connexion STV-GS28	158302
E828338	4011666511720	Right-angle plug connector 90° STV-W90-28	158302
E828339	4011666511737	T-branch push-in connexion STV-TS28	158302
E828340	4011666511744	Reducing push-in connexion STV-GRS 28a x 18i	158302
E828341	4011666511751	Reducing push-in connexion STV-GRS 28a x 22i	158302
E828350	4011666511768	Air shut-off cock STS-LAH 28-2GES 28	158302
E828352	4011666512574	Sliding sleeve STV-SM 28	158302
E828355	4011666517807	Angle plug connector 45° STV-W45-28	158302
E828356	4011666933461	Angle WKS-W90 2xG1i MS	161351
E828361	4011666518934	Connecting adapter VST28xG1a	158302
E828365	4011666520289	Energy-saving system STS-ESAT 28 S	158302
E828425	4011666520517	Pipe clips RK28grau/25	258301
E828448	4011666518057	Pipe clamps RSL 26-28mm/25	258301
E832026	4011666507068	Assembly clamps for steel girders MKL 4-7mm/32/50	258301
E832027	4011666507075	Assembly clamps for steel girders MKL 8-12mm/32/50	258301
E832110	4011666520944	Lengths of pipe, grey DLR-S-PE-G 32x26,2mm/6m	158301
E832111	4011666520982	Rolled pipe, grey DLR-R-PE-G 32x26,2mm/50m	158301
E832205	4011666520296	Lengths of pipe, grey DLR-ALU-G 32x28mm/6m	158301
E832350	4011666518422	Air shut-off cock MKS-LAH 32-2AVA 32	158302
E832352	4011666518439	Sliding sleeve MKS-SM 32	158302
E832355	4011666518446	Angle 45° MKS-WV45-32x32mm	158302
E832365	4011666520302	Energy-saving system MKS-ESAT 32 MK	158302
E832425	4011666520524	Pipe clips RK32grau/25	258301
E832435	4011666518453	Connection screw fitting with external thread MKS-AVA 32xR1a	158302
E832436	4011666518460	Connection screw fitting with internal thread MKS-AVI 32xG1i	158302
E832437	4011666518477	Screw fitting MKS-SBV 32x32	158302
E832438	4011666518484	Angle 90° MKS-WV90-32x32mm	158302
E832439	4011666518491	T-union 90° MKS-TVS32x32x32mm	158302
E832440	4011666518507	T-union 90° with internal thread on middle adapter MKS-TVS32mmxG1ix32mm	158302
E832442	4011666518514	Angle 90° MKS-WV90-32mmxR1a	158302
E832443	4011666518521	Angle 90° MKS-WV90-32mmxG1i	158302
E832445	4011666518538	O-ring MKS-OR 32x3mm	158302
E832446	4011666518545	Intermediate ring MKS-ZR 37,9x33mm	158302
E832447	4011666518552	Clamping ring MKS-KLR 38,5x33mm	158302

Art. no.	EAN-Code	Model	Product group
E832509	4011666507136	Air outlet SKS-LAD 32-1 GES 22	158302
E832510	4011666507143	Air outlet SKS-LAD 32-1 GES 15	158302
E832511	4011666507150	Air outlet SKS-LAD 32-1 GES 18	158302
E832535	4011666507174	Connection screw fitting with external thread SKS-AVA 32mm x R1a	158302
E832536	4011666507181	Connection screw fitting with internal thread SKS-AVI 32mm x G1i	158302
E832537	4011666507204	Screw fitting SKS-SBV 32x32	158302
E832538	4011666507211	Angle 90° SKS-W90 32x32mm	158302
E832539	4011666507228	T-union 90° SKS-TVS32x32x32mm	158302
E832540	4011666507235	T-union 90° with internal thread on middle adapter SKS-TVS32xR1ix32mm	158302
E832541	4011666507242	T-union 90° with internal thread on middle adapter SKS-TVS32xR3/4ix32mm	158302
E832542	4011666507259	Blind cap SKS-BK 32	158302
E832545	4011666507266	Reduction fitting SKS-RDS-R1a x R3/4i	158302
E832546	4011666507273	Reduction fitting SKS-RDS-R3/4a x R1/2i	158302
E832547	4011666507303	Reducing connexion SKS-UEV32xR1/2a	158302
E832548	4011666507310	Reducing connexion SKS-UEV32 x R3/4a	158302
E832550	4011666507327	Air shut-off cock SKS-LAH 32-2 AVI 32	158302
E832555	4011666518590	Angle 45° SKS-W45 32x32mm	158302
E832565	4011666520319	Energy-saving partition SKS-ESAT 32 SK	158302
E832612	4011666924339	Air outlet clamp LAS 32 x G1/2i	158302
E832634	4011666924346	Air outlet clamp LAS 32 x G3/4i	158302
E835356	4011666933478	Angle WKS-W90 2x R1 1/4i MS	161351
E835448	4011666511874	Pipe clamps RSL 32-35mm	258301
E840025	4011666507365	Pipe clips RK40weiß/25	258301
E840110	4011666520951	Lengths of pipe, grey DLR-S-PE-G 40x32,6mm/6m	158301
E840111	4011666520999	Rolled pipe, grey DLR-R-PE-G 40x32,6mm/50m	158301
E840205	4011666520326	Lengths of pipe, grey DLR-ALU-G 40x36mm/6m	158301
E840350	4011666518644	Air shut-off cock MKS-LAH 40-2AVA 40	158302
E840352	4011666518651	Sliding sleeve MKS-SM 40	158302
E840355	4011666518668	Angle 45° MKS-WV45-40x40mm	158302
E840365	4011666520333	Energy-saving system MKS-ESAT 40 MK	158302
E840435	4011666518675	Connection screw fitting with external thread MKS-AVA 40xR1 1/4a	158302
E840436	4011666518682	Connection screw fitting with internal thread MKS-AVI 40xG1 1/4i	158302
E840437	4011666518699	Screw fitting MKS-SBV 40x40	158302
E840438	4011666518705	Angle 90° MKS-WV90-40x40mm	158302
E840439	4011666518712	T-union 90° MKS-TVS40x40x40mm	158302
E840440	4011666518729	T-union 90° with internal thread on middle adapter MKS-TVS40xG1 1/4ix40mm	158302
E840442	4011666518736	Angle 90° MKS-WV90-40mmxR1 1/4a	158302
E840443	4011666518743	Angle 90° MKS-WV90-40mmxG1 1/4i	158302
E840445	4011666518750	O-ring MKS-OR 40x3,5mm	158302
E840446	4011666518767	Intermediate ring MKS-ZR 46,9x41mm	158302
E840447	4011666518774	Clamping ring MKS-KLR 48x40,75mm	158302
E840510	4011666507457	Air outlet SKS-LAD 40-1 GES 15	158302
E840511	4011666507464	Air outlet SKS-LAD 40-1 GES 18	158302
E840512	4011666507471	Air outlet SKS-LAD 40-1 GES 22	158302
E840535	4011666507501	Connection screw fitting with external thread SKS-AVA 40mm x R1 1/4a	158302
E840536	4011666507518	Connection screw fitting with internal thread SKS-AVI 40mm x G1 1/4i	158302
E840537	4011666507525	Screw fitting SKS-SBV 40x40	158302
E840538	4011666507532	Angle 90° SKS-W90 40x40mm	158302
E840539	4011666507549	T-union 90° SKS-TVS40x40x40mm	158302
E840540	4011666507556	T-union 90° with internal thread on middle adapter SKS-TVS40xR1ix40mm	158302
E840541	4011666507563	T-union 90° with internal thread on middle adapter SKS-TVS40xR2ix40mm	158302
E840542	4011666507600	Blind cap SKS-BK 40	158302
E840545	4011666507617	Reduction fitting SKS-RDS-R1a x R1/2i	158302
E840546	4011666507624	Reducing connexion SKS-UEV40 x R1a	158302
E840550	4011666507631	Air shut-off cock SKS-LAH 40-2AVI 40	158302
E840555	4011666517876	Angle 45° SKS-W45 40x40mm	158302
E840565	4011666520340	Energy-saving partition SKS-ESAT 40 SK	158302
E840612	4011666924353	Air outlet clamp LAS 40 x G1/2i	158302
E840634	4011666924360	Air outlet clamp LAS 40 x G3/4i	158302
E842356	4011666933485	Angle WKS-W90 2x R1 1/2i MS	161351
E842448	4011666511980	Pipe clamps RSL 40-43mm	258301
E850025	4011666507716	Pipe clips RK50schwarz/10	258301
E850110	4011666520968	Lengths of pipe, grey DLR-S-PE-G 50x40,8mm/6m	158301
E850111	4011666521019	Rolled pipe, grey DLR-R-PE-G 50x40,8mm/50m	158301
E850305	4011666520357	Lengths of pipe, grey DLR-ALU-G 50x46mm/6m	158301
E850350	4011666512529	Air shut-off cock MKS-LAH 50-2AVA 50	158302
E850352	4011666512604	Sliding sleeve MKS-SM 50	158302
E850355	4011666517913	Angle 45° MKS-WV 50x50mm/45	158302
E850365	4011666520364	Energy-saving system MKS-ESAT 50 MK	158302
E850435	4011666512482	Connection screw fitting with external thread MKS-AVA 50xR1 1/2a	158302
E850436	4011666512499	Connection screw fitting with internal thread MKS-AVI 50xG1 1/2i	158302
E850437	4011666512512	Screw fitting MKS-SBV 50x50	158302
E850438	4011666512666	Angle 90° MKS-WV90-50x50mm	158302
E850439	4011666512635	T-union 90° MKS-TVS50x50x50mm	158302
E850440	4011666512628	T-union 90° with internal thread on middle adapter MKS-TVS50xG1 1/2ix50mm	158302
E850442	4011666512642	Angle 90° MKS-WV90-50mmxR1 1/2a	158302
E850443	4011666512659	Angle 90° MKS-WV90-50mmxG1 1/2i	158302
E850445	4011666512536	O-ring MKS-OR 50x3,5mm	158302
E850446	4011666512673	Intermediate ring MKS-ZR 56,9x51mm H=5,9	158302
E850447	4011666512505	Clamping ring MKS-KLR 50x58mm	158302

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E850448	4011666518071	Pipe clamps RSL 48-52mm	258301
E850510	4011666507754	Air outlet SKS-LAD 50-1 GES 15	158302
E850511	4011666507761	Air outlet SKS-LAD 50-1 GES 18	158302
E850512	4011666507808	Air outlet SKS-LAD 50-1 GES 22	158302
E850535	4011666507815	Connection screw fitting with external thread SKS-AVA 50mm x R1 1/2a	158302
E850536	4011666507822	Connection screw fitting with external thread SKS-AVA 50mm x R2a	158302
E850537	4011666507839	Connection screw fitting with internal thread SKS-AVI 50mm x G1 1/2i	158302
E850538	4011666507846	Angle 90° SKS-W90 50x50mm	158302
E850539	4011666507853	T-union 90° SKS-TVS50x50x50mm	158302
E850540	4011666507907	Screw fitting SKS-SBV 50x50	158302
E850541	4011666507914	T-union 90° with internal thread on middle adapter SKS-TVS50xR1 1/2ix50mm	158302
E850543	4011666507921	Blind cap SKS-BK 50	158302
E850545	4011666507938	Reduction fitting SKS-RDS-R1 1/2a x R1/2i	158302
E850546	4011666507945	Reduction fitting SKS-RDS-R1 1/2a x R3/4i	158302
E850547	4011666507952	Reducing connexion SKS-UEV50 x R1a	158302
E850550	4011666508003	Air shut-off cock SKS-LAH 50-2AVI 50	158302
E850555	4011666517951	Angle 45° SKS-W45 50x50mm	158302
E850565	4011666520371	Energy-saving partition SKS-ESAT 50 SK	158302
E850612	4011666924377	Air outlet clamp LAS 50 x G1/2i	158302
E850634	4011666924384	Air outlet clamp LAS 50 x G3/4i	158302
E863024	4011666508041	Pipe clips RK63grau/10	258301
E863110	4011666520975	Lengths of pipe, grey DLR-S-PE-G 63x51,4mm/6m	158301
E863111	4011666521002	Rolled pipe, grey DLR-R-PE-G 63x51,4mm/50m	158301
E863205	4011666520388	Lengths of pipe, grey DLR-ALU-G 63x58mm/6m	158301
E863350	4011666512123	Air shut-off cock MKS-LAH 63-2AVA 63	158302
E863352	4011666512611	Sliding sleeve MKS-SM 63	158302
E863355	4011666517968	Angle 45° MKS-WV 63x63mm/45	158302
E863365	4011666520395	Energy-saving system MKS-ESAT 63 MK	158302
E863435	4011666512130	Connection screw fitting with external thread MKS-AVA 63xR2a	158302
E863436	4011666512147	Connection screw fitting with internal thread MKS-AVI 63xG2i	158302
E863437	4011666512154	Screw fitting MKS-SBV 63x63	158302
E863438	4011666512161	Angle 90° MKS-WV90-63x63mm	158302
E863439	4011666512178	T-union 90° MKS-TVS63x63x63mm	158302
E863440	4011666512185	T-union 90° with internal thread on middle adapter MKS-TVS63xG2ix63mm	158302
E863442	4011666512192	Angle 90° MKS-WV90-63mmxR2a	158302
E863443	4011666512208	Angle 90° MKS-WV90-63mmxG2i	158302
E863445	4011666512215	O-ring MKS-OR 63x5mm	158302
E863446	4011666512222	Intermediate ring MKS-ZR 72,5x64mm	158302
E863447	4011666512239	Clamping ring MKS-KLR 66,5x73mm	158302
E863448	4011666512246	Pipe clamps RSL 60-64mm	258301
E863510	4011666508126	Air outlet SKS-LAD 63-1 GES 15	158302
E863511	4011666508133	Air outlet SKS-LAD 63-1 GES 18	158302
E863512	4011666508140	Air outlet SKS-LAD 63-1 GES 22	158302
E863535	4011666508157	Connection screw fitting with external thread SKS-AVA 63mm x R2a	158302
E863536	4011666508171	Connection screw fitting with internal thread SKS-AVI 63mm x G2i	158302
E863537	4011666518002	Screw fitting SKS-SBV 63x63	158302
E863538	4011666508201	Angle 90° SKS-W90 63x63mm	158302
E863539	4011666508218	T-union 90° SKS-TVS63x63x63mm	158302
E863540	4011666508225	T-union 90° with internal thread on middle adapter SKS-TVS63xR1 1/4ix63mm	158302
E863541	4011666508232	T-union 90° with internal thread on middle adapter SKS-TVS63xR2x63mm	158302
E863542	4011666508249	Blind cap SKS-BK 63	158302
E863545	4011666508256	Reduction fitting SKS-RDS-R1 1/4a x R1/2i	158302
E863546	4011666508263	Reduction fitting SKS-RDS-R1 1/4a x R3/4i	158302
E863547	4011666508300	Reducing connexion SKS-UEV63 x R1a	158302
E863550	4011666508317	Air shut-off cock SKS-LAH 63-2AVI 63	158302
E863555	4011666518019	Angle 45° SKS-W45 63x63mm	158302
E863565	4011666520401	Energy-saving partition SKS-ESAT 63 SK	158302
E863612	4011666924391	Air outlet clamp LAS 63 x G1/2i	158302
E863634	4011666924407	Air outlet clamp LAS 63 x G3/4i	158302
F440016	4011666600066	T-nail TN 22/60 NK/10000	574404
F440017	4011666600073	T-nail TN 22/64 NK/10000	574404
F440021	4011666600097	Strip nails RN 29/65 BKH/3000	574406
F440024	4011666600158	Strip nails RN 31/80 BKH/3000	574406
F440025	4011666600165	Strip nails RN 31/90 BKH/3000	574406
F440027	4011666600134	Strip nails RN 31/70 BKH/3000	574406
F440130	4011666914903	Push pin PN 15-0,6 NK/10000	574408
F440131	4011666914910	Push pin PN 18-0,6 NK/10000	574408
F440132	4011666914927	Push pin PN 22-0,6 NK/10000	574408
F440133	4011666914934	Push pin PN 25-0,6 NK/10000	574408
G004109	4011666700605	Double nipple SKS-DN-R1a x R3/4a	158302
G004111	4011666700612	Double nipple SKS-DN-R1 1/4a x R3/4a	158302
G004177	4011666711687	Pressure switch MDR 2/11 SL F4	351114
G010015	4011666700643	Ball valve KH-NI-25 G 1 1/4i	351111
G012033	4011666700667	Ball valve KH-20 G1/4i x G1/4a	351111
G012060	4011666903655	Pressure gauge MM-S 40-10b	351110
G025004	4011666700261	Clamping ring KSY-SRI 15	158302
G025005	4011666700278	Clamping ring KSY-SRI18	158302
G025006	4011666700285	Clamping ring KSY-SRI22	158302
G028000	4011666701503	Clamping ring KSY-SRI28	158302
G205208	4011666700810	Locking screw VSS-ST-I-R1/2a	161344

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G205216	4011666700827	Locking screw VSS-ST-I-R3/4a	161344
G207010	4011666700353	Safety valve SV-G1/4a-8 bar	351112
G405012	4011666700841	Filter element FE-FDM 1/4 W	357212
G405013	4011666700858	Filter element FE-FDM 3/8-1/2 W	357212
G405014	4011666700865	Filter element FE-FDM 3/4-1 W	357212
G408579	4011666702470	Retaining cap HK-K-MMH 10	265401
G462094	4011666009401	Vessel BH-HZ 500-11	351103
G462194	4011666009395	Vessel BH-HZ 500-16	351103
G470592	4011666703781	Ball valve KH-20 G1/2i x G1/2a	351111
G502145	4011666700452	Vessel BH-HB 20-11	351103
G502448	4011666906694	Vessel BH-HZB 90-11	351103
G526002	4011666701206	Attachment disc SBE-Acetate 90x110 STSH	376401
G526003	4011666700896	Attachment disc SBE-Min-glas 90x110 STSH	376401
H110199	4011666800305	Vessel BH-VZBA 500-11	351101
H110202	4011666800312	Vessel BH-VZBA 500-16	351101
H110205	4011666800343	Vessel BH-VZBA 90-11	351101
H110333	4011666801630	Vessel BH-VZ 750-11	351102
H110365	4011666801647	Vessel BH-VZ 750-16	351102
H110367	4011666801654	Vessel BH-VZ 1000-11	351102
H110369	4011666801661	Vessel BH-VZ 1000-16	351102
H110375	4011666802934	Vessel BH-HZ 750-11	351103
H110376	4011666801678	Vessel BH-VZ 3000-11	351102
H110377	4011666801685	Vessel BH-VZ 3000-16	351102
H110386	4011666801708	Vessel BH-VZ 2000-11	351102
H110388	4011666801722	Vessel BH-VZ 2000-16	351102
H110404	4011666000453	Vessel BH-VZBA 270-11	351101
H110407	4011666000460	Vessel BH-VZBA 270-16	351101
H110600	4011666904218	Vessel BH-VZB 500-11	351102
H110601	4011666904225	Vessel BH-VZB 500-16	351102
H110604	4011666904256	Vessel BH-HZ 750-16	351103
H110605	4011666904263	Vessel BH-HZ 1000-16	351103
H110606	4011666904270	Vessel BH-HZ 2000-11	351103
H110607	4011666904287	Vessel BH-HZ 2000-16	351103
H111310	4011666802965	Vessel BH-HZ 1000-11	351103
H112017	4011666903013	Compressor UNM STH 650-10-180	151104
H112022	4011666903068	Compressor UNM STH 650/650-10-500	151104
H332000	4011666025807	Compressor UNM 240-8-40 W Clean	180101
H332010	4011666025814	Compressor UNM 240-8-40 WXM Clean	180101
H332100	4011666025821	Compressor UNM 240-8-40 WXS Clean	180101
H332110	4011666025838	Compressor UNM 240-8-40 WXSM Clean	180101
H342000	4011666025845	Compressor UNM 360-8-40 W Clean	180101
H342010	4011666025852	Compressor UNM 360-8-40 WXM Clean	180101
H342100	4011666026521	Compressor UNM 360-8-40 WXS Clean	180101
H342110	4011666026538	Compressor UNM 360-8-40 WXSM Clean	180101
H362000	4011666025869	Compressor UNM 720-8-90 D Clean	180101
H362010	4011666025876	Compressor UNM 720-8-90 DXM Clean	180101
H601001	4011666912886	Oil-water separator OWS-ÖWAMAT 10	155201
H601002	4011666912893	Oil-water separator OWS-ÖWAMAT 11	155201
H601003	4011666912909	Oil-water separator OWS-ÖWAMAT 12	155201
H601004	4011666912916	Oil-water separator OWS-ÖWAMAT 14	155201
H604012	4011666803825	Adsorption dryer DRY-DAT 120	154211
H604023	4011666803832	Adsorption dryer DRY-DAT 230	154211
H604035	4011666803849	Adsorption dryer DRY-DAT 350	154211
H604058	4011666803856	Adsorption dryer DRY-DAT 580	154211
H611080	4011666051769	Compressor AM G 11-8	152155
H611100	4011666051981	Compressor AM G 11-10	152155
H611130	4011666051998	Compressor AM G 11-13	152155
H615080	4011666052001	Compressor AM G 15-8	152156
H615100	4011666052018	Compressor AM G 15-10	152156
H615130	4011666052025	Compressor AM G 15-13	152156
H618080	4011666052032	Compressor AM G 18-8	152157
H618100	4011666052049	Compressor AM G 18-10	152157
H618130	4011666052056	Compressor AM G 18-13	152157
H620035	4011666048912	Cold dryer DK 350 SMART	154204
H620060	4011666048905	Cold dryer DK 600 SMART	154204
H620085	4011666048929	Cold dryer DK 850 SMART	154204
H620120	4011666048936	Cold dryer DK 1200 SMART	154204
H620182	4011666049391	Cold dryer DK 1825 SMART	154204
H620235	4011666049407	Cold dryer DK 2350 SMART	154204
H620300	4011666048967	Cold dryer DK 3000 SMART	154204
H620360	4011666048974	Cold dryer DK 3600 SMART	154204
H620410	4011666048981	Cold dryer DK 4100 SMART	154204
H620520	4011666048998	Cold dryer DK 5200 SMART	154204
H620650	4011666049001	Cold dryer DK 6500 SMART	154204
H620770	4011666049018	Cold dryer DK 7700 SMART	154204
H621000	4011666049025	Cold dryer DK 10000 SMART	154204
H622080	4011666050502	Compressor AM G 22-8	152158
H622100	4011666050519	Compressor AM G 22-10	152158
H622130	4011666050526	Compressor AM G 22-13	152158
H704100	4011666050441	Compressor AM B 4-10	152152

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H704103	4011666050458	Compressor AM B 4-10-270 XB	152152
H704106	4011666050465	Compressor AM B 4-10-270 XBDK	152152
H705080	4011666051196	Compressor AM B 5-8	152153
H705081	4011666051202	Compressor AM B 5-8 XDK	152153
H705083	4011666051219	Compressor AM B 5-8-270 XB	152153
H705084	4011666051226	Compressor AM B 5-8-500 XB	152153
H705086	4011666051233	Compressor AM B 5-8-270 XBDK	152153
H705087	4011666051240	Compressor AM B 5-8-500 XBDK	152153
H705100	4011666051257	Compressor AM B 5-10	152153
H705101	4011666051264	Compressor AM B 5-10 XDK	152153
H705103	4011666051271	Compressor AM B 5-10-270 XB	152153
H705104	4011666051288	Compressor AM B 5-10-500 XB	152153
H705106	4011666051295	Compressor AM B 5-10-270 XBDK	152153
H705107	4011666051301	Compressor AM B 5-10-500 XBDK	152153
H705130	4011666051318	Compressor AM B 5-13	152153
H705131	4011666051325	Compressor AM B 5-13 XDK	152153
H707080	4011666051332	Compressor AM B 7-8	152154
H707081	4011666051349	Compressor AM B 7-8 XDK	152154
H707083	4011666051356	Compressor AM B 7-8-270 XB	152154
H707084	4011666051363	Compressor AM B 7-8-500 XB	152154
H707086	4011666051370	Compressor AM B 7-8-270 XBDK	152154
H707087	4011666051387	Compressor AM B 7-8-500 XBDK	152154
H707100	4011666051394	Compressor AM B 7-10	152154
H707101	4011666051400	Compressor AM B 7-10 XDK	152154
H707103	4011666051417	Compressor AM B 7-10-270 XB	152154
H707104	4011666051424	Compressor AM B 7-10-500 XB	152154
H707106	4011666051431	Compressor AM B 7-10-270 XBDK	152154
H707107	4011666051448	Compressor AM B 7-10-500 XBDK	152154
H707130	4011666051455	Compressor AM B 7-13	152154
H707131	4011666051462	Compressor AM B 7-13 XDK	152154
H711080	4011666051493	Compressor AM B 11-8	152155
H711087	4011666051509	Compressor AM B 11-8-500 XBDK	152155
H711100	4011666051516	Compressor AM B 11-10	152155
H711107	4011666051523	Compressor AM B 11-10-500 XBDK	152155
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H711137	4011666052209	Compressor AM B 11-13-500 XBDK	152155
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H816000	4011666929396	Compressor UNM STL 660-10-500	151160
H816100	4011666000200	Compressor UNM STL 660-10-500 XS	151160
H822000	4011666929419	Compressor UNM STS 580-15-270	151150
H822010	4011666929426	Compressor UNM STS 580-15-270 XDK	151150
H822100	4011666000217	Compressor UNM STS 580-15-270 XS	151150
H822110	4011666000224	Compressor UNM STS 580-15-270 XSDK	151150
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H823010	4011666929440	Compressor UNM STS 580-15-500 XDK	151150
H823100	4011666000231	Compressor UNM STS 580-15-500 XS	151150
H823110	4011666000248	Compressor UNM STS 580-15-500 XSDK	151150
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H825100	4011666000170	Compressor UNM STL 580-15-270 XS	151160
H826000	4011666929464	Compressor UNM STL 580-15-500	151160
H826100	4011666000187	Compressor UNM STL 580-15-500 XS	151160
H831000	4011666929488	Compressor UNM STS 1000-10-90	151150
H831001	4011666022363	Compressor UNM STS 1000-10-90 C	151150

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H832000	4011666929495	Compressor UNM STS 1000-10-270	151150
H832001	4011666022370	Compressor UNM STS 1000-10-270 C	151150
H832010	4011666929501	Compressor UNM STS 1000-10-270 XDK	151150
H832011	4011666022462	Compressor UNM STS 1000-10-270 XDKC	151150
H833000	4011666929518	Compressor UNM STS 1000-10-500	151150
H833001	4011666022387	Compressor UNM STS 1000-10-500 C	151150
H833010	4011666929525	Compressor UNM STS 1000-10-500 XDK	151150
H833011	4011666022479	Compressor UNM STS 1000-10-500 XDKC	151150
H834000	4011666929471	Compressor UNM STB 1000-10-10	151140
H834001	4011666022622	Compressor UNM STB 1000-10-10 C	151140
H835000	4011666929532	Compressor UNM STL 1000-10-270	151160
H835001	4011666022547	Compressor UNM STL 1000-10-270 C	151160
H836000	4011666929549	Compressor UNM STL 1000-10-500	151160
H836001	4011666022554	Compressor UNM STL 1000-10-500 C	151160
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H842001	4011666022394	Compressor UNM STS 780-15-270 C	151150
H842010	4011666929570	Compressor UNM STS 780-15-270 XDK	151150
H842011	4011666022486	Compressor UNM STS 780-15-270 XDKC	151150
H843000	4011666929587	Compressor UNM STS 780-15-500	151150
H843001	4011666022400	Compressor UNM STS 780-15-500 C	151150
H843010	4011666929594	Compressor UNM STS 780-15-500 XDK	151150
H843011	4011666022493	Compressor UNM STS 780-15-500 XDKC	151150
H844000	4011666929556	Compressor UNM STB 780-15-10	151140
H844001	4011666022639	Compressor UNM STB 780-15-10 C	151140
H845000	4011666929600	Compressor UNM STL 780-15-270	151160
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H846001	4011666022578	Compressor UNM STL 780-15-500 C	151160
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H851001	4011666022417	Compressor UNM STS 1250-10-90 C	151150
H852000	4011666000651	Compressor UNM STS 1250-10-270	151150
H852001	4011666022424	Compressor UNM STS 1250-10-270 C	151150
H852010	4011666000644	Compressor UNM STS 1250-10-270 XDK	151150
H852011	4011666022509	Compressor UNM STS 1250-10-270 XDKC	151150
H853000	4011666000682	Compressor UNM STS 1250-10-500	151150
H853001	4011666022431	Compressor UNM STS 1250-10-500 C	151150
H853010	4011666000668	Compressor UNM STS 1250-10-500 XDK	151150
H853011	4011666022516	Compressor UNM STS 1250-10-500 XDKC	151150
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H854001	4011666022646	Compressor UNM STB 1250-10-10 C	151140
H855000	4011666000576	Compressor UNM STL 1250-10-270	151160
H855001	4011666022585	Compressor UNM STL 1250-10-270 C	151160
H856000	4011666000583	Compressor UNM STL 1250-10-500	151160
H856001	4011666022592	Compressor UNM STL 1250-10-500 C	151160
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H862001	4011666022448	Compressor UNM STS 1000-15-270 C	151150
H862010	4011666000590	Compressor UNM STS 1000-15-270 XDK	151150
H862011	4011666022523	Compressor UNM STS 1000-15-270 XDKC	151150
H863000	4011666000620	Compressor UNM STS 1000-15-500	151150
H863001	4011666022455	Compressor UNM STS 1000-15-500 C	151150
H863010	4011666000613	Compressor UNM STS 1000-15-500 XDK	151150
H863011	4011666022530	Compressor UNM STS 1000-15-500 XDKC	151150
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H918100	4011666051967	Compressor AM G 18-10 XVS	152157
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Pictograms and their meaning



1+2 warranty



EXTRA product



5-year warranty against rust and corrosion on vessels



10-year rust guarantee on vessels



15-year warranty against rust and corrosion on vessels



Unoiled compressed air



Safety quick-release coupling



Quiet



With integral electronic elements



With variable speed control



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Certified by the Technical Inspection Authority (TÜV)



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Supplied in a Systainer

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1+2 warranty

Additional security with 3-year warranty. Not 1 or 2 years as prescribed by law – no: Schneider airsystems offers a 3-year warranty on select mobile compressors and pneumatic tools. Enjoy the benefit of the full warranty and register within 30 days of the date of purchase.

For warranty terms and conditions and registration, visit: www.schneider-airsystems.com



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