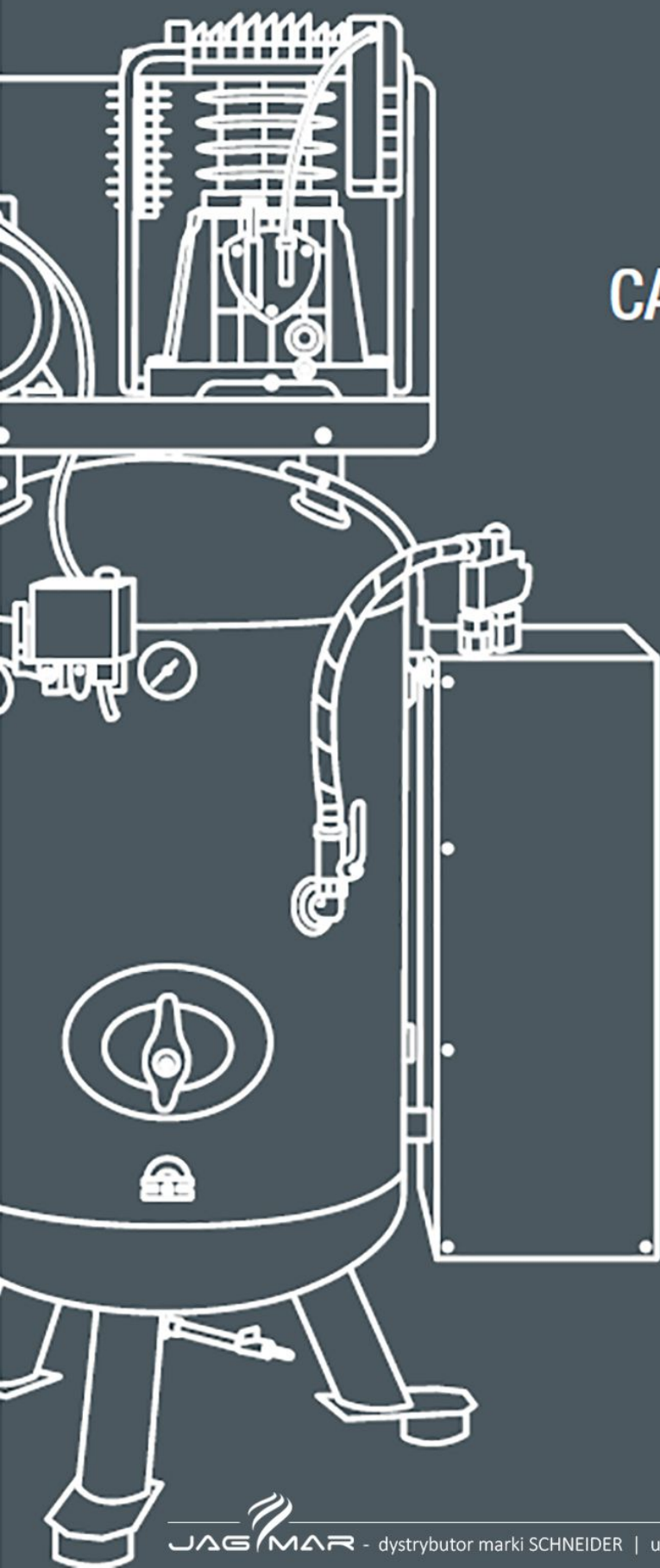




CATALOGUE

2018

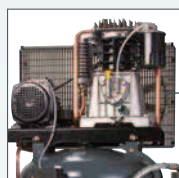


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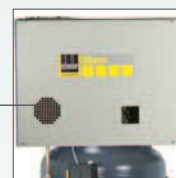


UniMaster

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)



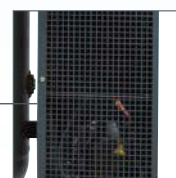
Simple, cost-saving
inspection
of the vessel through
hand hole



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

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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 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.

The piston compressors with individual fittings

Stationary piston compressors

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 XD KC	H832011	10	1,000	790	5.5	995	270	271	82	1,070x705x1,875
UNM STS 1000-10-500 XD KC	H833011	10	1,000	790	5.5	995	500	316	82	1,145x850x2,020
UNM STS 780-15-270 XD KC	H842011	15	780	640	5.5	830	270	278	80	1,070x705x1,875
UNM STS 780-15-500 XD KC	H843011	15	780	640	5.5	830	500	331	80	1,145x850x2,020
UNM STS 1250-10-270 XD KC	H852011	10	1,250	980	7.5	1,240	270	283	84	1,070x705x1,875
UNM STS 1250-10-500 XD KC	H853011	10	1,250	980	7.5	1,240	500	328	84	1,145x850x2,020
UNM STS 1000-15-270 XD KC	H862011	15	1,000	790	7.5	995	270	290	82	1,070x705x1,875
UNM STS 1000-15-500 XD KC	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.

The piston compressors with individual fittings

Stationary piston compressors

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



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- 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

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.

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.).

The piston compressors with individual fittings

Stationary piston compressors

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	✓



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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 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.

The piston compressors with individual fittings

Stationary piston compressors

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

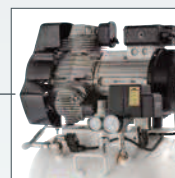
*see compressed air quality classes on page 88

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



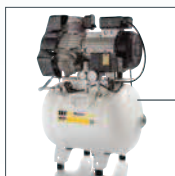
Oil-free
High-quality oil-free units with PTFE-coated pistons. No oil change, no oil in condensate



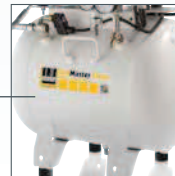
Smooth running and long service life
due to low rotation speed



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.

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

The piston compressors with individual fittings

Stationary piston compressors

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

The piston compressors with individual fittings

Stationary piston compressors

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)	Rotation 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

