

MAXIMATOR®

Maximum Pressure.



High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics



High-pressure compressor for breathing air Type MX 400/500/600 silent

**Sustained power and performance -
to just 0.8 m²**

- 400-600 l/min
- 225 / 330 bar
- Reliable technology
- Low rpm
- SuperSilent
- Industrial quality

Extremely low rpm rates combined with a high supply output, a very large cooler, separately driven air coolers, all in a compact extra silent casing, make the MX 400/500/600 silent series the perfect choice.

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MX 400 / 500 / 600 silent

Compressor for breathing air up to 330 bar



MX 400 silent	MX 500 silent	MX 600 silent
3-phase	3-phase	3-phase
air capacity 400 l/min	air capacity 500 l/min	air capacity 600 l/min

The proven and reliable technology in the MX compressors has been matured to perfection in the MX C-series. Like no other unit in this performance class, the 4-level C-block combines space-saving properties with high-standard permanent performance.

The MX filter system 220 comprises of an integrated condensation filter process that uses a coalescence filter and a long-life filter cartridge for perfect breathing air in compliance with EN12021.

The compressor, which is fitted with an extensive array of features ex-works, can be further expanded using optional extras to meet your requirements. Be it as an individual compact system or as a part of another system, the MX C series is the right choice if you are seeking durable high output performance.

Features

- super-silent compressor housing
- digital panel for managing and controlling
- service display
- star/delta start
- automatic stop included
- automatic condensate drain
- 24 V control voltage for greater safety in operation
- emergency stop switch
- micronic intake air filter
- pressure retaining and check valve
- water separator after first and second stage
- coalescing filter/water separator after the 3rd stage
- high performance intercooler after the first and second stage
- large stainless steel inter- and aftercooler at 3rd and 4th stage
- safety valves at all stages
- pressure sensors for intermediate pressures with monitoring function
- big fan (d=630mm) for optimal cooling
- five 1,2m hoses with DIN and INT connectors
- condensate tank
- automatic belt tensioning system

MAXIMATOR GmbH

Sales & Support:

Headquarter:

Erbacher Strasse 45, 64756 Mossautal, Telephone +49 6062 2662-0, www.maximator-kompressoren.de, mavotec@maximator.de
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Technical Data Sheet

MX 400 silent

Technical Data	order code	2300.0301	
	construction	air-cooled piston compressor	
	3-phase drive	7,5 kW 400 V / 50 Hz	
	free air delivery	400 l/min - 24 m ³ /h - 14,1 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 220	
	air quality	EN 12021	
	Cylinder / Stages	2 / 4	
	rotation speed	800 min ⁻¹	
	oil lubrication	spin pin	
	oil capacity	2,8 l	
	operating noise	72 db in 1m distance	
	dimensions (l x w x h)	76 x 113 x 178 cm	
	weight	470 kg	
	ambient temperature	+5°C - +45°C	
	Options	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
automatic start control		included	
interstage pressure gauge		2300.0013	
oil level alert		2300.0014	
temperature monitoring		included	
phase sequence relay		2300.0020	
Moisture Control Filter monitoring 24V AC		2300.0504	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200	2630.0009		

Please consult factory for more information. All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

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Technical Data Sheet

MX 500 silent

Technical Data	order code	2210.0501	
	construction	air-cooled piston compressor	
	3-phase drive	11 kW 400 V / 50 Hz	
	free air delivery	500 l/min - 30 m³/h - 17,7 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 220	
	air quality	EN 12021	
	Cylinder / Stages	2 / 4	
	rotation speed	1000 min ⁻¹	
	oil lubrication	spin pin	
	oil capacity	2,8 l	
	operating noise	73 db in 1 m distance	
	dimensions (l x w x h)	76 x 113 x 178 cm	
	weight	510 kg	
	ambient temperature	+5°C - +45°C	
	Options	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
automatic start control		included	
interstage pressure gauge		2300.0013	
oil level alert		2300.0014	
temperature monitoring		included	
phase sequence relay		2300.0020	
Moisture Control Filter monitoring 24V AC		2300.0504	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200		2630.0009	

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Technical Data Sheet

MX 600 silent

Technical Data	order code	2210.0501	
	construction	air-cooled piston compressor	
	3-phase drive	15 kW 400 V / 50 Hz	
	free air delivery	600 l/min - 36 m ³ /h - 21,2 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 220	
	air quality	EN 12021	
	Cylinder / Stages	2 / 4	
	rotation speed	1200 min ⁻¹	
	oil lubrication	spin pin	
	oil capacity	2,8 l	
	operating noise	73 db in 1 m distance	
	dimensions (l x w x h)	76 x 113 x 178 cm	
	weight	530 kg	
	ambient temperature	+5°C - +45°C	
	Options	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
automatic start control		included	
interstage pressure gauge		2300.0013	
oil level alert		2300.0014	
temperature monitoring		included	
phase sequence relay		2300.0020	
Moisture Control Filter monitoring 24V AC		2300.0504	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
Compressor oil MX OIL-751		3301.1175	
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