

# **MAXIMATOR®**

## **Maximum Pressure.**



High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

How can you discover lost worlds without being out of breath?



» With high pressure compressors for breathing air.



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# High-pressure compressor for breathing air and gas mixing technology

Maximator offers a wide range of products for professional and semi-professional applications. We offer professional solutions for hobby divers / professional divers, breathing protection, fire services, disaster control teams, aviation industry, competitive shooting or general industrial and commercial applications.

MAXIMATOR is your contact partner for transportable and stationary breathing air compressors, high-pressure compressors, oxygen/helium/argon/air booster systems, high-pressure filter systems,

gas mixing technology used to produce breathable gas mixes such as NITROX and TRIMIX by means of partial pressure, diaphragm systems or electronically controlled constant flow systems through to automatic filling stations.

Good to know: We also take care of the spare parts, customised products and complete solutions!

Visit our website:

[www.maximator-kompressoren.de](http://www.maximator-kompressoren.de) and talk to us.

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## High-pressure compressor for breathing air Type MX 100 and MX 140

### **First-rate mobile compressor equipment**

- 100-140 l/min
- 225 / 330 bar
- Reliable technology
- Low rpm
- Quiet operation
- Industrial quality

The mobile compressors of the MX 100/140 series are ideal for smaller diving groups with low output needs.

The low rpm rate means that the compressors are pleasantly quiet and extremely durable.

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### MX 100 / 140

### Mobile Compressor up to 330 bar



MX 100			MX 140		
MX 100 E	MX 100 W	MX 100 B	MX 140 E	MX 140 W	MX 140 B
3-phase	Single-phase	Honda 4-stroke petrol	3-phase	Single-phase	Honda 4-stroke petrol
air capacity 103 l/min			air capacity 140 l/min		

The MX 100/140 series is optimised for professional use. Low rpm rates, low vibration and quiet operation are the distinguishing features of the MX 100/140 series. A long service life, even under the toughest of endurance conditions, is a clear indication of its mature industrial quality.

The MX filter system 85 comprises of an integrated condensation filter process that uses a coalescence filter and a long-life filter cartridge for the perfect breathing air in compliance with EN12021.

The MX 100/140 series can be easily converted into an automatic system by means of an automatic condensate drain and automatic stop (available as options).

#### Features

- Micronic inlet air filter
- pressure retaining and check valve
- safety valves on all stages
- large stainless steel inter- and aftercooler
- water separator after second stage
- manual condensate drain (automatik as option)
- automatic stop (as option)
- automatic belt tensioning system
- 1,2m hose with DIN and INT connectors
- start / stop switch with thermal fuse
- hour meter (petrol models as option)
- pressure gauge

**Technical Data Sheet****MX 100**

Technical Data	construction	air-cooled piston compressor
	free air delivery	103 l/min - 6,2 m <sup>3</sup> /h - 3,6 cfm
	max. pressure	330 bar
	filter system	MX Filter 85
	air quality	EN 12021
	Cylinder / Stages	3 / 3
	rotation speed	1200 min <sup>-1</sup>
	oil lubrication	spin pin
	oil capacity	0,35 l
	ambient temperature	+5°C - +45°C
	MX 100 E	order code
3-phase drive		2,2 kW 400-440V / 50 Hz
dimensions (l x w x h)		72 x 38 x 47 cm
weight		53 kg
MX 100 W	order code	2210.0002
	single-phase drive	2,2 kW 220V / 50 Hz
	dimensions (l x w x h)	72 x 38 x 47 cm
	weight	55 kg
MX 100 B	order code	2210.0003
	4-stroke petrol drive	3,6 kW / 5,5 PS Honda
	dimensions (l x w x h)	87 x 38 x 47 cm
	weight	55 kg
Options	Pressure range	225 bar or 330 bar
	automatic stop	2300.0005
	automatic condensate drain (only available for electric driven models)	2300.0006
	two pressure range 225/330bar simultaneous	2300.0003
	additional hose 200bar	2300.0008
	additional hose 300 bar	2300.0009
	hour meter (petrol models only)	2300.0011
	condensate collector	2300.0012
	Compressor oil MX OIL-751	3301.1175
	filter cartridge FP100	2630.0007
	filter cartridge FP111 (for petrol models)	2630.0008

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### Technical Data Sheet

### MX 140

Technical Data	construction	air-cooled piston compressor
	free air delivery	140 l/min - 8,4 m³/h - 5 cfm
	max. pressure	330 bar
	filter system	MX Filter 85
	air quality	EN 12021
	Cylinder / Stages	3 / 3
	rotation speed	1750 min <sup>-1</sup>
	oil lubrication	spin pin
	oil capacity	0,55 l
	ambient temperature	+5°C - +45°C
	MX 140 E	order code
3-phase drive		3 kW 400-440V / 50 Hz
dimensions (l x w x h)		74 x 47 x 47 cm
weight		70 kg
MX 140 W	order code	2210.0005
	single-phase drive	3 kW 220V / 50 Hz
	dimensions (l x w x h)	72 x 34 x 47 cm
	weight	71 kg
MX 140 B	order code	2210.0006
	4-stroke petrol drive	4,1 kW / 7,8 PS Honda 4-Takt
	dimensions (l x w x h)	89 x 47 x 47 cm
	weight	72 kg
Options	Pressure range	225 bar or 330 bar
	automatic stop	2300.0005
	automatic condensate drain (only available for electric driven models)	2300.0006
	two pressure range 225/330bar simultaneous	2300.0003
	additional hose 200bar	2300.0008
	additional hose 300 bar	2300.0009
	hour meter (petrol models only)	2300.0011
	condensate collector	2300.0012
	Compressor oil MX OIL-751	3301.1175
	filter cartridge FP100	2630.0007
filter cartridge FP111 (for petrol models)	2630.0008	



## High-pressure compressor for breathing air Type MX 250 open and MX 300 open

- 250-300 l/min
- 225 / 330 bar
- Reliable technology
- Low rpm
- Quiet operation
- Industrial quality

### **A power package with allrounder qualities**

The variety of motors available for the MX 250/300 open series ensures a reliable operation wherever you are in the world. The sturdy frame offers adequate protection and free access to all components.

The „open“ series is the ideal solution for higher air requirements without compromising on quality and safety.

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**MX 250 / 300 open**

**Compressor for breathing air up to 330 bar**



MX 250 open		MX 300 open		
MX 250 open E	MX 250 open B	MX 250 open D	MX 300 open E	MX 300 open B
3-phase	Honda 4-stroke petrol	diesel engine	3-phase	Honda 4-stroke petrol
air capacity 250 l/min			air capacity 300 l/min	

The MX 250/300 series is optimised for professional use and corresponds with the state-of-the-art technology thanks to the available options.

Low rpm rates, low vibration and quiet operation are the distinguishing features of the MX 250/300 series. A long service life, even under the toughest of endurance conditions, proves its mature industrial quality.

The MX filter system 170 comprises 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 MX 250/300 series can be easily converted into an automatic system by means of an automatic condensate drain and a automatic stop (available as an option).

### Features

- stable compressor frame
- start / stop switch with thermal fuse
- emergency stop switch
- automatic stop included
- automatic condensate drain
- micronic inlet air filter
- pressure retaining and check valve
- water separator after 2. stage
- big fan (d=500mm) for optimal cooling
- large stainless steel inter- and aftercooler
- two 1,2m hoses with DIN and INT connectors
- interstage pressure gauge
- final stage pressure gauge
- hourmeter
- condensate tank
- automatic belt tensioning system

**Technical Data Sheet****MX 250 open E**

Technical Data	order code	2210.0201	
	construction	air-cooled piston compressor	
	3-phase drive	5,5 kW 400 V / 50 Hz	
	free air delivery	250 l/min - 15 m <sup>3</sup> /h - 8,8 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 170	
	air quality	EN 12021	
	Cylinder / Stages	3 / 3	
	rotation speed	1100 min <sup>-1</sup>	
	oil lubrication	spin pin	
	oil capacity	2,2 l	
	star-delta circuit	optional	
	dimensions (l x w x h)	107 x 54 x 70 cm	
	weight	155 kg	
	ambient temperature	+5°C - +45°C	
	Options	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
interstage pressure gauge		included	
oil level alert		2300.0014	
temperature monitoring		2300.0016	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
hour meter		included	
star-delta circuit		2300.0010	
additional MX Filter 170		2300.0018	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200	2630.0009		

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### Technical Data Sheet

### MX 250 open B/D

Technical Data	construction	air-cooled piston compressor
	free air delivery	250 l/min - 15 m <sup>3</sup> /h - 8,8 cfm
	max. pressure	350 bar
	filter system	MX Filter 170
	air quality	EN 12021
	Cylinder / Stages	3 / 3
	rotation speed	1100 min <sup>-1</sup>
	oil lubrication	spin pin
	oil capacity	2,2 l
	ambient temperature	+5°C - +45°C
MX 250 open B	order code	2210.0202
	4-stroke petrol drive	6,0 kW Honda
	dimensions (l x w x h)	128 x 52 x 73 cm
	weight	148 kg
MX 250 open D	order code	2210.0203
	diesel drive	6,8 kW diesel engine
	dimensions (l x w x h)	128 x 52 x 73 cm
	weight	152 kg
Options	Pressure range	225 bar or 330 bar
	automatic stop	2300.0005
	automatic condensate drain	2300.0007
	interstage pressure gauge	included
	oil level alert	2300.0014
	temperature monitoring	2300.0016
	two pressure range 225/330bar simultaneous	2300.0004
	additional hose 200bar	2300.0008
	additional hose 300 bar	2300.0009
	hour meter (petrol models only)	2300.0011
	additional MX Filter 170	2300.0018
	Compressor oil MX OIL-751	3301.1175
	filter cartridge FP211 (for petrol models)	2630.0010

**Technical Data Sheet****MX 300 open E**

Technical Data	order code	2210.0204	
	construction	air-cooled piston compressor	
	3-phase drive	7,5 kW 400 V / 50 Hz	
	free air delivery	300 l/min - 18 m <sup>3</sup> /h - 10,6 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 170	
	air quality	EN 12021	
	Cylinder / Stages	3 / 3	
	rotation speed	1300 min <sup>-1</sup>	
	oil lubrication	spin pin	
	oil capacity	2,2 l	
	star-delta circuit	included	
	dimensions (l x w x h)	107 x 54 x 70 cm	
	weight	175 kg	
	ambient temperature	+5°C - +45°C	
	Options	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
interstage pressure gauge		included	
oil level alert		2300.0014	
temperature monitoring		2300.0016	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
hour meter		included	
star-delta circuit		included	
additional MX Filter 170		2300.0018	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200	2630.0009		

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### Technical Data Sheet

### MX 300 open B

Technical Data	construction	air-cooled piston compressor
	free air delivery	300 l/min - 18 m <sup>3</sup> /h - 10,6 cfm
	max. pressure	350 bar
	filter system	MX Filter 170
	air quality	EN 12021
	Cylinder / Stages	3 / 3
	rotation speed	1300 min <sup>-1</sup>
	oil lubrication	spin pin
	oil capacity	2,2 l
	ambient temperature	+5°C - +45°C
MX 300 open B	order code	2210.0205
	4-stroke petrol drive	8,2 kW Honda 4-Takt
	dimensions (l x w x h)	128 x 52 x 73 cm
	weight	168 kg
Optionen	Pressure range	225 bar or 330 bar
	automatic stop	2300.0005
	automatic condensate drain	2300.0007
	interstage pressure gauge	included
	oil level alert	2300.0014
	temperature monitoring	2300.0016
	two pressure range 225/330bar simultaneous	2300.0004
	additional hose 200bar	2300.0008
	additional hose 300 bar	2300.0009
	hour meter	2300.0011
	additional MX Filter 170	2300.0018
	Compressor oil MX OIL-751	3301.1175
filter cartridge FP211	2630.0010	



## High-pressure compressor for breathing air Type MX 250 classic and MX 300 classic

- 250-300 l/min
- 225 / 330 bar
- Reliable technology
- Low rpm
- Quiet operation
- Industrial quality

### **A power package with all-rounder qualities**

The MX 250/300 classic series has a compact casing making it the ideal solution for fire services, diving bases and medium sized filling systems.

A special highlight: Thanks to the long maintenance intervals, the maintenance costs for the operator are relatively low.

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### MX 250 / 300 classic

### Compressor for breathing air up to 330 bar



MX 250 classic			MX 300 classic	
MX 250 classic E	MX 250 classic B	MX 250 classic D	MX 300 classic E	MX 300 classic B
3-phase	Honda 4-stroke petrol	diesel engine	3-phase	Honda 4-stroke petrol
air capacity 250 l/min			air capacity 300 l/min	

The MX 250/300 series is optimised for professional use and corresponds to the state-of-the-art technology thanks to the available options.

Low rpm rates, low vibration and quiet operation are the distinguishing features of the MX 250/300 series. A long service life, even under the toughest of endurance conditions, proves its mature industrial quality.

The MX filter system 170 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 MX 250/300 series can be easily converted into an automatic system by means of an automatic condensate drain and automatic stop (available as an option).

#### Features

- stable compressor housing
- start / stop switch with thermal fuse
- emergency stop switch
- automatic stop included
- automatic condensate drain
- micronic inlet air filter
- pressure retaining and check valve
- water separator after 2. stage
- safety valves on all stages
- big fan (d=500mm) for optimal cooling
- large stainless steel inter- and aftercooler
- two 1,2m hoses with DIN and INT connectors
- interstage pressure gauge
- final stage pressure gauge
- hourmeter
- condensate tank
- automatic belt tensioning system

<b>Technical Data</b>	order code	2210.0101	
	construction	air-cooled piston compressor	
	3-phase drive	5,5 kW 400 V / 50 Hz	
	free air delivery	250 l/min - 15 m <sup>3</sup> /h - 8,8 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 170	
	air quality	EN 12021	
	Cylinder / Stages	3 / 3	
	rotation speed	1100 min <sup>-1</sup>	
	oil lubrication	spin pin	
	oil capacity	2,2 l	
	star-delta circuit	optional	
	dimensions (l x w x h)	134 x 58 x 77 cm	
	weight	216 kg	
	ambient temperature	+5°C - +45°C	
	<b>Options</b>	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
interstage pressure gauge		included	
oil level alert		2300.0014	
temperature monitoring		2300.0016	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
hour meter		included	
star-delta circuit		2300.0010	
additional MX Filter 170		2300.0018	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200		2630.0009	
Moisture Control Filter monitoring 230V		2300.0502	

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### Technical Data Sheet

### MX 250 classic B/D

Technical Data	construction	air-cooled piston compressor
	free air delivery	250 l/min - 15 m³/h - 8,8 cfm
	max. pressure	350 bar
	filter system	MX Filter 170
	air quality	EN 12021
	Cylinder / Stages	3 / 3
	rotation speed	1200 min <sup>-1</sup>
	oil lubrication	spin pin
	oil capacity	2,2 l
	ambient temperature	+5°C - +45°C
	MX 250 classic B	order code
4-stroke petrol drive		6,0 kW Honda
dimensions (l x w x h)		134 x 58 x 77 cm
weight		195 kg
MX 250 classic D	order code	2210.0103
	diesel drive	6,8 kW diesel engine
	dimensions (l x w x h)	134 x 58 x 77 cm
	weight	210 kg
Options	Pressure range	225 bar or 330 bar
	automatic stop	2300.0005
	automatic condensate drain	2300.0007
	interstage pressure gauge	included
	oil level alert	2300.0014
	temperature monitoring	2300.0016
	two pressure range 225/330bar simultaneous	2300.0004
	additional hose 200bar	2300.0008
	additional hose 300 bar	2300.0009
	hour meter	2300.0011
	additional MX Filter 170	2300.0018
	Compressor oil MX OIL-751	3301.1175
	filter cartridge FP211 (for petrol models)	2630.0010

<b>Technical Data</b>	order code	2210.0104	
	construction	air-cooled piston compressor	
	3-phase drive	7,5 kW 400 V / 50 Hz	
	free air delivery	300 l/min - 18 m <sup>3</sup> /h - 10,6 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 170	
	air quality	EN 12021	
	Cylinder / Stages	3 / 3	
	rotation speed	1300 min <sup>-1</sup>	
	oil lubrication	spin pin	
	oil capacity	2,2 l	
	star-delta circuit	included	
	dimensions (l x w x h)	134 x 58 x 77 cm	
	weight	225 kg	
	ambient temperature	+5°C - +45°C	
	<b>Options</b>	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
interstage pressure gauge		included	
oil level alert		2300.0014	
temperature monitoring		2300.0016	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
hour meter		included	
star-delta circuit		included	
additional MX Filter 170		2300.0018	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200		2630.0009	
Moisture Control Filter monitoring 230V		2300.0502	

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### Technical Data Sheet

### MX 300 classic B

Technical Data	construction	air-cooled piston compressor
	free air delivery	300 l/min - 18 m³/h - 10,6 cfm
	max. pressure	350 bar
	filter system	MX Filter 170
	air quality	EN 12021
	Cylinder / Stages	3 / 3
	rotation speed	1300 min <sup>-1</sup>
	oil lubrication	spin pin
	oil capacity	2,2 l
	ambient temperature	+5°C - +45°C
	MX 300 classic B	order code
4-stroke petrol drive		8,2 kW Honda
dimensions (l x w x h)		134 x 58 x 77 cm
weight		215 kg
Options	Pressure range	225 bar or 330 bar
	automatic stop	2300.0005
	automatic condensate drain	2300.0007
	interstage pressure gauge	inklusive
	oil level alert	2300.0014
	temperature monitoring	2300.0016
	two pressure range 225/330bar simultaneous	2300.0004
	additional hose 200bar	2300.0008
	additional hose 300 bar	2300.0009
	hour meter (for petrol models)	2300.0011
	additional MX Filter 170	2300.0018
Compressor oil MX OIL-751	3301.1175	
filter cartridge FP211 ( for petrol models)	2630.0010	



## High-pressure compressor for breathing air Type MX 250 silent and MX 300 silent

- 250-300 l/min
- 225 / 330 bar
- Reliable technology
- Low rpm
- SuperSilent
- Industrial quality

### Quiet and trimmed for continuous operation

The silent casing not only reduces noise levels, but it also optimises the cold air supply at the same time. This ensures reliable output and high-quality air, even when the device is in continuous operation.

The compressor control system ensures perfect monitoring of the operating parameters and therefore optimum operating safety.

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**MX 250 / 300 silent**

**Compressor for breathing air up to 330 bar**



### MX 250 silent

3-phase

air capacity 250 l/min

### MX 300 silent

3-phase

air capacity 300 l/min

The MX 250/300 series is optimised for professional use and corresponds to the state-of-the-art technology thanks to its potential options. Low rpm rates, low vibration and quiet operation are the distinguishing features of the MX 250/300 series. A long service life, even under the toughest of endurance conditions, proves its mature industrial quality.

The MX filter system 170 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 MX silent series can easily be converted into an automatic system by virtue of an extensive array of features.

### 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 2. stage
- large stainless steel inter- and aftercooler
- safety valves at all stages
- pressure sensors for intermediate pressures with monitoring function
- big fan (d=500mm) for optimal cooling
- two 1,2m hoses with DIN and INT connectors
- toggle valves with automatic vent
- temperature monitoring
- condensate tank
- automatic belt tensioning system

**Technical Data Sheet****MX 250 silent**

Technical Data	order code	2300.0301	
	construction	air-cooled piston compressor	
	3-phase drive	5,5 kW 400 V / 50 Hz	
	free air delivery	250 l/min - 15 m <sup>3</sup> /h - 8,8 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 170	
	air quality	EN 12021	
	Cylinder / Stages	3 / 3	
	rotation speed	1100 min <sup>-1</sup>	
	oil lubrication	spin pin	
	oil capacity	2,2 l	
	operating noise	80 db in 1m distance	
	dimensions (l x w x h)	78 x 97 x 117 cm	
	weight	260 kg	
	ambient temperature	+5°C - +45°C	
	Optionen	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
interstage pressure gauge		2300.0013	
oil level alert		2300.0014	
temperature monitoring		included	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
hour meter		included	
star-delta circuit		2300.0010	
additional MX Filter 170		2300.0018	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200		2630.0009	
Moisture Control Filter monitoring 24V AC		2300.0504	

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### Technical Data Sheet

### MX 300 silent

Technical Data	order code	2300.0302	
	construction	air-cooled piston compressor	
	3-phase drive	7,5 kW 400 V / 50 Hz	
	free air delivery	300 l/min - 18 m <sup>3</sup> /h - 10,6 cfm	
	max. pressure	350 bar	
	filter system	MX Filter 170	
	air quality	EN 12021	
	Cylinder / Stages	3 / 3	
	rotation speed	1300 min <sup>-1</sup>	
	oil lubrication	spin pin	
	oil capacity	2,2 l	
	operating noise	80 db in 1m distance	
	dimensions (l x w x h)	78 x 97 x 117 cm	
	weight	275 kg	
	ambient temperature	+5°C - +45°C	
	Options	Pressure range	225 bar or 330 bar
		automatic stop	included
automatic condensate drain		included	
interstage pressure gauge		2300.0013	
oil level alert		2300.0014	
temperature monitoring		included	
two pressure range 225/330bar simultaneous		2300.0004	
additional hose 200bar		2300.0008	
additional hose 300 bar		2300.0009	
hour meter		included	
star-delta circuit		included	
additional MX Filter 170		2300.0018	
Compressor oil MX OIL-751		3301.1175	
filter cartridge FP200		2630.0009	
Moisture Control Filter monitoring 24V AC	2300.0504		



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

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

### **Sustained power and performance - to just 0.8 m<sup>2</sup>**

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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Hidráulico • Neumático

**MX 400 / 500 / 600 silent**

**Compressor for breathing air up to 330 bar**



### MX 400 silent

3-phase

air capacity 400 l/min

### MX 500 silent

3-phase

air capacity 500 l/min

### MX 600 silent

3-phase

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

**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 <sup>3</sup> /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 <sup>-1</sup>	
	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		

# MAXIMATOR®

## Maximum Pressure.

Tecnología de alta presión • Equipo de pruebas  
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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 m <sup>3</sup> /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 <sup>-1</sup>	
	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		

**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 <sup>3</sup> /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 <sup>-1</sup>	
	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	
filter cartridge FP200	2630.0009		

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[www.maximator-kompressoren.de](http://www.maximator-kompressoren.de)

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