

# Gas Technologies

Dedicated to providing reliable, value for money gas, air and boosting equipment for today's diver.



## **MAXIMATOR®** Maximum Pressure.

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

High Pressure Technology • Testing Equipment  
Hydraulics • Pneumatics

### **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	2210.0001
	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 m <sup>3</sup> /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

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