

**NEW!**

# LW 150 E MC / 200 E MC / 250 E MC



The MC Serie is the perfect solution for dive centers, ships, boats and places with limited space and convince with a brand new and powerful compressor block.

An innovative characteristic based on the new Motion Link design allows a very slim design. Customers can choose between three different models and delivery rates of 150 l/min, 200 l/min or 250 l/min. These compressors are designed for a long lifetime and continuously operations, the ideal machine for smaller stationary applications. Long maintenance intervals guarantee extremely low maintenance costs.

With a small and handy frame these compressors are highly predestined for mobile breathing air applications.



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# LW 150 E MC / 200 E MC / 250 E MC



## Specifications

- » Electro motor (Standard: 400V, 3 phase, 50Hz) c/w cable and plug
- » Start / Stop switch c/w phase selector function
- » Manual condensate drain
- » 1 x Filling hose c/w filling valve and pressure gauge
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Oil- / Water separators after 2nd and 3rd stage
- » Safety valves after each stage
- » 3 x concentric suction/pressure valves
- » Filling pressure to your choice (200 or 300 bar)
- » Connections to your choice (DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- » Breathing air purification in accordance to EN 12021

## Options

- » Automatic condensate drain
- » Automatic stop at final pressure
- » Additional filling hoses c/w filling valves
- » Auto start system
- » Phase monitoring c/w shut down at wrong direction of rotation
- » Switch over device 200/300 bar
- » Hour counter
- » Intermediate pressure gauges
- » Cylinder head temperature monitoring with auto shut down
- » Puracon filter monitoring (Auto shut down also available)
- » Remote control box
- » Additional high pressure outlet
- » Power cable and plug
- » Special voltages / frequencies on request

## Technical Data

	LW 150 E MC	LW 200 E MC	LW 250 E MC
Type:	Air cooled piston compressor	Air cooled piston compressor	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	150 / 9 / 5.3	200 / 12 / 7.1	250 / 15 / 8.8
Max. Pressure [bar]:	350	350	350
RPM [1/min]:	1150	1400	1825
No of cylinders / No of stages:	3 / 3	3 / 3	3 / 3
Prime mover type:	E-Motor / 400V / 3 Phase / 50-60 Hz	E-Motor / 400V / 3 Phase / 50-60 Hz	E-Motor / 400V / 3 Phase / 50-60 Hz
Drive power [kW] with 50 Hz / 60 Hz:	3.0 / 3.6	4.0 / 4.8	5.5 / 6.6
Cooling air req. [m <sup>3</sup> /h] with 50 Hz / 60 Hz:	900 / 1080	1200 / 1440	1650 / 1980
Lubrication type:	Splash oil	Splash oil	Splash oil
Oil capacity [litre]:	approx. 0.8	approx. 0.8	approx. 0.8
Operating temperature [°C]:	+5°C to +45°C	+5°C to +45°C	+5°C to +45°C
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	108 (at +20°C / approx. 12 h)	450 (at +20°C / approx. 37 h)	450 (at +20°C / approx. 30 h)
Dimensions W x D x H [mm]:	1060 x 500 x 580	1060 x 500 x 580	1060 x 500 x 580
Weight [kg]:	94	115	119
Noise level (measured at 1 m) [dB]:	84	86	87

<sup>1)</sup> In accordance with EN 12021