

LW 1300 E



The LW 1300 E is designed for large industrial applications and is therefore a favorite compressor for breathing air requirements. Low speed ensured continuous operation, long service intervals and reduced maintenance costs. The compressor unit comes fully wired with star/delta start system and includes 3 x 2.3 litre breathing air filter console for wall mounting. The 4-stage compressor block is mounted on a painted steel frame and allows a working pressure of max. 420 bar (optional). The drive motor is connected to the compressor by a rubber coupling.



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Specifications

- » Electro motor (Standard: 400V, 3 phase, 50Hz)
- » Painted steel frame (RAL 7004)
- » Inclusive a remote control box for wall mounting
- » Main-, Start/Stop- and condensate test buttons, as well as emergency stop switch
- » Hour counter
- » Automatic condensate drain
- » Automatic stop at final pressure
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » High pressure outlet 10 l
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump and filter
- » Oil- / Water separators in stainless steel
- » Safety valves after each stage
- » 4 concentric suction/pressure valves
- » Filling pressure of your choice (200 or 300 bar)
- » Inclusive 3 x 2.3 l filter console for wall mounting
- » Connections to your choice
(DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- » Breathing air purification an accordance to EN 12021

Options

- » Auto start system
- » Oil temperature display with auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » 0.8 ltr. Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- » Puracon filter monitoring (Auto shut down also available)
- » ECC control in remote control box
- » Power cable and plug
- » Block heating device
- » 420 bar Version
- » Special voltages / frequencies on request

Technical Data

LW 1300 E	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	1300 / 78.0 / 45.9
Max. Pressure [bar]:	350 / 420
RPM [1/min]:	985
No of cylinders / No of stages:	4 / 4
Prime mover type:	E-Motor / 400V / 3 Phase / 50 Hz
Drive power [kW] with 50 Hz / 60 Hz:	37.0 / 44.4
Cooling air req. [m ³ /h] with 50 Hz / 60 Hz:	11100 / 13320
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	4.9
Oil pressure [bar]:	3.0 (+/- 0.5)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m ³ at +20°C] ¹⁾ :	3600 (at +20°C / approx. 46 h)
Dimensions W x D x H [mm]:	1620 x 1210 x 1275
Weight [kg]:	1000
Noise level (measured at 1 m) [dB]:	89

¹⁾ In accordance with EN 12021

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