

# LW 1300 E



Originally designed for heavy duty industrial applications, the LW 1300 E 4 stage compressor is built for extreme situations. The compressor block is mounted on an extremely sturdy steel frame with easy access to all components. The slow running compressor guarantees long and reliable service. The unit has been designed for the arduous demands of large volume filling stations with a direct drive motor using a cardon coupling.

## Specifications

- >> Ready to connect compressor, fully wired with pneumatic/electric compressor control with star/delta start cycle, electrical box for wall mounting on site
- >> Operating panel with start/stop and condensation test controls, pressure gauge and hours counter
- >> Automatic condensation drain, pressure free start/stop, leak check and safety valve check test mode
- >> Automatic shut down when the final pressure is reached
- >> Emergency off switch
- >> Sturdy steel frame, powder coated in RAL 7004, steel fan guards in RAL 7004
- >> All pistons with piston rings
- >> Low pressure oil pump and filter
- >> Pressure gauge for each stage
- >> Oil pressure monitoring and automatic shut down for low oil pressure
- >> 4 coaxial suction/pressure valves
- >> Oil/water separators after each stage, safety valve for each stage
- >> HP outlet



## Options

- >> Special voltages/frequencies:
  - 440 V 60 Hz / 230V 50Hz / 230V 60Hz
- >> ECC Controls
- >> Cylinder temperature with auto shut down
- >> Oil temperature with auto shut down
- >> Puracon Filter monitoring
- >> 420 bar Version
- >> Auto start

# Technical Data

LW 1300 E	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	1300 / 78.0 / 45.9
Max. Pressure [bar]:	420 (set at the final stage safety valve)
RPM:	985
No of cylinders / No of stages:	4 / 4
Bore 1st stage [mm]:	135
Bore 2nd stage [mm]:	70
Bore 3rd stage [mm]:	32
Bore 4th stage (mm)	16
Stroke [mm]:	120
Prime mover type:	3 Phase E-motor 400V / 50Hz, direct drive
Drive power [kW] / [HP]:	37.0 / 50.0
Cooling air requirement [Nm <sup>3</sup> /h]:	11100
Lubrication type:	Oil pump
Oil capacity [litre]:	4.8
Oil pressure [bar]:	1.8 (+/- 0.3)
Air outlet temperature [°C]:	8 - 10°C above ambient
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	3600
Dimensions L x W x H [cm]:	159 x 121 x 126
Weight [kg]:	980
Noise level [dB]:	89 (measured at 1 m distance)

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

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