

LW 1300 E

The Heavyweight

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. **Breathing air purification (filters and/or air cooler) must be ordered separately according to your individual requirements.**

- ⦿ 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, stop button with leak check function, pressure gauge and hours counter
- ⦿ Automatic condensation drain, pressure free start/stop
- ⦿ Final stage drain without loss of pressure
- ⦿ 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
- ⦿ Pressure maintaining and non return valve
- ⦿ HP outlet



Technical Data

LW 1300 E Type: 4 cylinder, 4 stage, air cooled, oil lubricated compressor
Delivery rate: 1300 liter/min (78 m³/h) 46 cfm
Prime mover: 30 kW electric motor 400 V / 3 phase / 50 Hertz
Operating temperature: +5 °C - +50 °C
Operating pressure: 350 bar (420 bar version available)
Cooling air requirement: 9,000 m³/hr.
Oil capacity/pressure: 4.8 liter, 1.8 bar (+/- 0.3 bar)

Compressor speed: 985 RPM
Dimensions: W x D x H (mm) 1590 x 1210 x 1260
Weight: 980 kg
Noise Level: 89 dB(A) 1m distance