

## LW 450 E      LW 300 E

### „The Original L&W Compressor“

A robust, low RPM unit with low maintenance and running costs for the user. Pneumatic/ electric compressor control with final pressure cut off and automatic condensation drain ensure easy and trouble free operation. The compressor is ideal for continuous operation and a favourite choice for overseas diving centers.

The compressor has very long service intervals (e.g. replacement of coaxial suction/ pressure valves (3) every 6000 hours!)



### Features:

- ◊ Ready to connect compressor, fully wired with pneumatic/electric compressor control and start delta start cycle
- ◊ 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
- ◊ Automatic shut down when final pressure is reached
- ◊ Safety cut off if the cover is opened
- ◊ Sturdy steel frame, powder coated in RAL 6026
- ◊ All pistons with piston rings
- ◊ Low pressure oil pump and filter
- ◊ 3 coaxial suction/pressure valves
- ◊ Oil/water separators after each stage, safety valve for each stage
- ◊ Breathing air purification in accordance with EN 12021, filter capacity 900 m<sup>3</sup> at 20 °C (approx. 33 hrs. for **LW 450 E**)
- ◊ Pressure maintaining and non-return valve
- ◊ 4 Filling hoses and filling valves and/or HP outlet

### Technical Data

**LW 450 E** **Type:** 3 cylinder, 3 stage, air cooled, oil lubricated compressor  
**Delivery rate:** 450 Liter/min. (27 m<sup>3</sup>/hr.) 15.9 cfm  
**Prime mover:** 11 kW Electric Motor 400V / 3 Phase / 50 Hertz <sup>1)</sup>  
**Operating temperature:** +5 °C - +50 °C  
**Operating pressure:** Max. 350 bar  
**Cooling air requirement:** 3,300 m<sup>3</sup>/hr.  
**Oil capacity/pressure:** 2.2 Liter / 1.8 bar (+/- 0.3 bar)  
**Compressor speed:** 1100 RPM  
**Dimensions:** 1150 x 600 x 980 (L x W x H/mm)  
**Weight:** 280 kg  
**Noise level:** 83 dB(A) 1m distance

**LW 300 E** **Type:** 3 cylinder, 3 stage, air cooled, oil lubricated compressor  
**Delivery rate:** 300 Liter/min. (18 m<sup>3</sup>/hr.) 10.6 cfm  
**Prime mover:** 7.5 kW Electric Motor 400V / 3 Phase / 50 Hertz <sup>1)</sup>  
**Operating temperature:** +5 °C - +50 °C  
**Operating pressure:** Max. 350 bar  
**Cooling air requirement:** 2,250 m<sup>3</sup>/hr.  
**Oil capacity/pressure:** 2.2 Liter / 1.8 bar (+/- 0.3 bar)  
**Compressor speed:** 800 RPM  
**Dimensions:** 1150 x 600 x 980 (L x W x H/mm)  
**Weight:** 280 kg  
**Noise level:** 82 dB(A) 1m distance

<sup>1)</sup> other specs available