

LW 450 D

„Self contained package“

For applications where large quantities of air are required without sufficient electrical power supply. Whether on a remote island, a large safari boat or a truck mounted filling station, the **LW 450 D** is ready for the next challenge. The compressor has a self contained 12V DC power supply providing electric start, idle and full speed selector, automatic idle and condensation drain when final pressure is reached and a condensation test function.

The integrated filling unit with 4 filling hoses and filling valves with bleed valves completes the unit.



Features:

- ◊ Self contained unit, ready to start with Hatz 1D81C 10,5 kW Motor in Hatz Silent Pack with 12V electrical/pneumatic compressor control.
- ◊ Original Hatz diesel tank, (capacity approx. 2 hours operation)
- ◊ Operating panel with key start/stop, condensation drain test, pressure gauge, speed selector, hours counter, diesel motor oil pressure and battery warning lamps
- ◊ Automatic idle speed selector and condensation drain when end pressure is reached, (compressor switches to full speed and drain valves close when empty tanks are opened)
- ◊ Sturdy steel frame, powder coated in RAL 6026
- ◊ All pistons with piston rings
- ◊ 3 coaxial suction/pressure valves
- ◊ Low pressure oil pump and filter
- ◊ Oil/water separators after each stage, safety valve for each stage
- ◊ Breathing air purification in accordance with EN 12021, filter capacity 900 m³ at 20 °C (approx. 33 hrs.)
- ◊ Pressure maintaining and non-return valve
- ◊ 4 Filling hoses and filling valves and/or HP outlet

Technical Data

LW 450 D **Type:** 3 cylinder, 3 stage, air cooled, oil lubricated compressor
Delivery rate: 450 Liter/min. (27 m³/hr.) 15.9 cfm
Prime mover: 10,5 kW Hatz Diesel Motor
Operating temperature: +5 °C - +50 °C
Operating pressure: Max. 350 bar
Cooling air requirement: 3,300 m³/hr.
Oil capacity/pressure: 2.2 Liter / 1.8 bar (+/- 0.3 bar)

Compressor speed: 1100 RPM
Dimensions: 1270 x 740 x 1000 (L x W x H/mm)
Weight: 430 kg