

LW 450 D



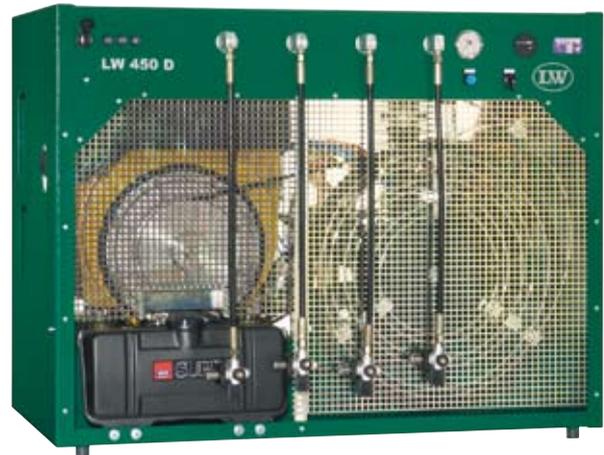
For applications where large quantities of air are required without sufficient electrical power supply. Whether on a remote island, a large safari boat or a truck mounted filling station, the LW 450 D is ready for the next challenge. The compressor has a self contained 12V DC power supply providing electric 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 completes the unit.

Specifications

- >> 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
- >> Oil/water separators after each stage, safety valve for each stage
- >> Breathing air purification In accordance with EN 12021
- >> Pressure maintaining and non-return valve
- >> 4 Filling hoses and filling valves and/or HP outlet

Options

- >> 200/300 bar parallel filling pressures
- >> Oil pressure gauge
- >> Inter stage pressure gauges



Technical Data

LW 450 D	
Type:	Air cooled, reciprocating piston compressor
Capacity [litre/min] / [Nm ³ /h] / [cfm]:	450 / 27.0 / 15.9
Max. Pressure [bar]:	350 (set at the final stage safety valve)
RPM:	1100
No of cylinders / No of stages:	3 / 3
Bore 1st stage [mm]:	95
Bore 2nd stage [mm]:	42
Bore 3rd stage [mm]:	18
Stroke [mm]:	74
Prime mover type:	Air cooled diesel, silent pack, electric start
Drive power [kW] / [HP]:	10.5 / 14.3
Cooling air requirement [Nm ³ /h]:	3300
Lubrication type:	Oil pump
Oil capacity [litre]:	2.2
Oil pressure [bar]:	1.8 (+/- 0.3)
Air outlet temperature [°C]:	8 - 10°C above ambient
Filter capacity [m ³ at +20°C] ¹⁾ :	900
Dimensions L x W x H [cm]:	127 x 74 x 100
Weight [kg]:	430
Noise level [dB]:	89 (measured at 1 m distance)

¹⁾ In accordance with EN 12021

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