

# LW 450 D



The LW 450 D is ideal for use on a remote island, a safari boat or in an autonomous truck. This 450 litre compressor is equipped with a hatz diesel motor, 12 volt control, automatic start, automatic condensate drain and an integrated filling unit with four hoses and filling valves. Compared to the basic version the standard Hatz Silent Pack provides a quieter operation of the compressor.



LW 450 D Rear view

# LW 450 D



## Specifications

- » Hatz 10kW diesel engine in Hatz Silent Pack c/w electrical start
- » Original Hatz diesel tank
- » 12V electrical/pneumatic control
- » Powder coated steel housing (RAL 6026)
- » Condensate drain test switch, key switch for start/stop und speed selector
- » Hour counter
- » Diesel motor oil pressure and battery warning lamps
- » Automatic condensate drain
- » Automatic idle speed selector and condensate drain when end pressure is reached
- » (compressor switches to full speed and drain valves close when empty tanks are opened)
- » 4x Filling hose and filling valve
- » Pressure maintaining and non-return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump
- » Oil- / water separators after each stage
- » Safety valves after each stage
- » 3x concentric suction/pressure valves
- » Filling pressure to your choice (200 or 300 bar)
- » Connections to your choice  
(DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- » Breathing air purification an accordance to EN 12021

## Options

- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Cylinder head temperature monitoring with auto shut down
- » 0.8 ltr. Prefilter (Enlarged the lifetime of the filter by approx. 5 hours)
- » Additional high pressure outlet

## Technical Data

LW 450 D	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	450 / 27.0 / 15.9
Max. Pressure [bar]:	350
RPM [1/min]:	1100
No of cylinders / No of stages:	3 / 3
Prime mover type:	Diesel engine, silent pack, electric start
Drive power [kW]:	10.0
Cooling air requirement [Nm <sup>3</sup> /h]:	3300
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	2.2
Oil pressure [bar]:	2.2 (+/- 0.5)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	750 (at +20°C / approx. 28 h)
Dimensions W x D x H [mm]:	1270 x 740 x 1000
Weight [kg]:	400
Noise level (measured at 1 m) [dB(A)]:	89

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



เครื่องอัดอากาศ LW  
by JST Engineering  
LW compressors  
Authorized agent  
in Thailand

#เครื่องอัดอากาศ  
โดยวิศวกรมืออาชีพ

**JST ENGINEERING CO.,LTD.** 

78/6 MOO 7 KINGKAEW RD., RACHATEWA,  
BANGPLEE, SAMUTPRAKARN 10540 THAILAND.

คุณวิโรจน์ 081-684-0565  
คุณอติเทพ 098-825-8600  
คุณฉัตรภัทร 092-247-6565



Facebook Page

+66 (0) 2738 5050-4 URL: www.jst.co.th  
+66 (0) 2738 5055 LINE ID: atithep.jst  
info@jst.co.th www.facebook.com/LWCompressor