

# LW 100 E1



The LW 100 E1 is a extremely light, robust and reliable breathing air compressor.

It is designed for mobile use and impresses with its flexibility and low maintenance and service costs. The compressor is seawater resistant due to the powder coated compressor block and the stainless steel frame. The LW 100 E1 convince our worldwide customers with its high quality „Made in Germany“. The hardened cylinder liners and the steel piston rings in all compressor stages ensure a long lifetime without loss of performance.

## Specifications

- » Electro motor (E-Motor / 230V / 1 Phase / 50Hz)
- » Power cable with plug
- » Start/Stop Switch
- » Stainless steel frame
- » Manual condensate drain
- » Pressure maintaining and non return valve
- » 1x Filling hose c/w filling valve and pressure gauge
- » Intermediate coolers
- » Oil- / Water separators after 2nd and 3rd stage
- » Safety valves after for each stage
- » Pistons c/w steel piston rings
- » 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

- » Additional filling hose c/w filling valve
- » Automatic condensate drain
- » Automatic stop at final pressure c/w hour counter
- » Switch over device for 200 or 300 bar
- » Motor protection switch
- » Special voltages / frequencies on request
- » Conversion set: Petrol-/electro version
- » Trolley



## Technical Data

LW 100 E1	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	100 / 6 / 3.5
Max. Pressure [bar]:	330
RPM [1/min]:	2300
No of cylinders / No of stages:	3 / 3
Prime mover type:	E-Motor / 230V / 1 Phase / 50Hz
Drive power [kW] with 50 Hz / 60 Hz:	2.2 / 2.2
Cooling air req. [m <sup>3</sup> /h] with 50 Hz / 60 Hz:	660 / 660
Lubrication type:	Splash oil
Oil capacity [litre]:	0.5
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m <sup>3</sup> at +20°C] <sup>1)</sup> :	108 (at +20°C / approx. 18 h)
Dimensions W x D x H [mm]:	650 x 390 x 400
Weight [kg]:	43
Noise level (measured at 1 m) [dB(A)]:	82

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



**JST ENGINEERING CO.,LTD.**  
78/6 MOO 7 KING KAEW RD., RACHATEWA,  
BANGPLEE, SAMUTPRAKARN 10540 THAILAND.

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

## Lenhardt & Wagner GmbH

An der Tuchbleiche 39  
68623 Hüttenfeld / Germany

Phone: +49 (0)62 56 - 8 58 80 -0  
Fax: +49 (0)62 56 - 8 58 80 -14

eMail: service@lw-compressors.com  
Internet: www.lw-compressors.com