

# LW 100 E1 ECO



The LW 100 ECO compressors are the entry to the breathing air supply from L&W.

The extremely light, robust and reliable ECO series consists of 100% of the solid components of the LW 100 compressors as engine, compressor block, filter system and filling device. The LW 100 ECO 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
- » Aluminium 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

- » Carrying handles
- » Filling valve holder
- » 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

## Difference to the Standard-Model

- » Frame in a aluminium (Standard: s/s)
- » No carrying handles
- » Unpainted compressor block
- » No filling valve holder



## Technical Data

LW 100 E1 ECO	
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]:	42
Noise level (measured at 1 m) [dB(A)]:	82

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

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