

# LW 300 D MC



The new MC Series from L&W has been created for dive centers, ships, boats and places with limited space. These are suitable for continuous operation and guarantee low maintenance costs due to long service intervals. Comes ready to start. A super lightweight aluminum frame enables mobile applications, combined with very high filling capacity.



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# LW 300 D MC



## Specifications

- » Diesel Engine
- » Powder coated lightweight aluminium frame in RAL 9006
- » Hour counter
- » Manual condensate drain
- » By your choice 2x filling hose c/w cross design valve or high pressure outlet incl. 1.500 mm high pressure hose
- » Pressure maintaining and non return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump with oil sieve
- » Oil filter with bypass
- » Oil- / Water separators after 2nd and 3rd stage
- » Safety valves after each stage
- » 3 x 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 in accordance to EN 12021
- » 1.7 l filter system (Filter capacity 750 m<sup>3</sup> at +20°C)

## Options

- » Automatic condensate drain incl. collecting tank
- » Automatic stop at final pressure
- » Up to 2x additional filling hose c/w cross design filling valve
- » 200 and 300 bar parallel filling pressures
- » Oil- and interstage pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Additional high pressure outlet
- » Wheel set
- » Air Cooler Connection Kit
- » Switch Over Device 200 / 300bar
- » Puracon filter monitoring



Rear view

## Technical Data

LW 300 D MC	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm <sup>3</sup> /h] / [cfm]:	300 / 18.0 / 10.6
Max. Pressure [bar]:	350
RPM [1/min]:	1300
No of cylinders / No of stages:	3 / 3
Prime mover type:	Yanmar - Diesel Engine
Drive power [kW]:	6.8
Cooling air requirement [m <sup>3</sup> /h]:	2220
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	approx. 1.8
Oil pressure [bar]:	2.5 (± 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)
Dimensions W x D x H [mm]:	1410 x 510 x 826
Weight [kg]:	195
Noise level (measured at 1 m) [dB(A)]:	96

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

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