

# PAS 100MF 250

## Arrangements

### CNP PAS 100MF 250



<b>Dimensions</b>	1110 x 2560 x 1705 mm (44 x 101 x 67 ")
<b>Material</b>	S275JR EN 10025-2 carbon steel
<b>Coatings</b>	Epoxy powder, average thickness of 80 µm
<b>Color</b>	Yellow and grey Atlas Copco (standard)
<b>Features</b>	Hot dip galvanised steel base; modular frame, stackable
<b>Battery</b>	Acid charge Pb-Ca maintenance free, 12 V - 100 Ah - 400 A
<b>Tank</b>	420 l (111.0 USG)
<b>Drip pan</b>	462 l (122.0 USG) (110% of the total volume of the tank)
<b>Emergency stop</b>	Outside the canopy
<b>Locking keys</b>	Control panel door and canopy doors
<b>H suction port</b>	0,71 m (2.3 ft)
<b>Weight (KL17)</b>	1260 kg (2,780 lb)
<b>Noise level (KL17)</b>	63-68 dB(A) @10 m (32 ft)

## Engines

<b>Make</b>	<b>Kohler</b>			
<b>Model</b>	KDI 1903M (KL17)			
<b>Type</b>	Diesel direct injection, aspirated			
<b>Displacement</b>	1.861 cm <sup>3</sup> (114 in <sup>3</sup> )			
<b>No. cylinders</b>	3			
<b>Cooling</b>	Liquid with radiator			
<b>Rpm type</b>	Variable			
<b>Standard speed</b>	2.000 rpm			
<b>EU emissions</b>	2002/88/CE Stage 3A			
<b>US emissions</b>	EPA Tier III			
<b>Starting</b>	Electric			
<b>Starting voltage</b>	12 V			
<b>Oil change interval</b>	500 h			
<b>Market</b>	UE			
<b>Speed [rpm]</b>	<b>1400</b>	<b>1600</b>	<b>1800</b>	<b>2000</b>
<b>Consumption [l/h]</b>	4,4	5,1	5,4	5,8
<b>Power [kW]</b>	17,6	20,3	21,6	23
<b>Power [HP]</b>	23.6	27.2	29	30.8

## Control panel

<b>Model</b>	CP CNP 01
	Manual operation, automatic operation (start/stop with floats), emergency operation
	Hour meter
	Rev counter
	Battery voltmeter
	Fuel level indicator
	Vacuum gauge
	Emergency stop button
	Display with 6 languages
	Automatic engine shutdown in case of:
	- low oil pressure
	- water overheating
	- lack of battery charging
	(engine failure alarms with LED lights and display message)
	GSM communication module (optional)
	Throttle rod

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## Performance curves

Test according to UNI EN ISO 9906 standard - level 2

Test liquid: clean water, density 1,000 kg/m<sup>3</sup>

Spherical solids handling: D.50 mm (2")

Priming time: 22 s from 1,5 m (4.9 ft)

Max absorbed power: 17,0 kW - 22.8 HP (2.000 rpm)

