

Technical Data

dimensions

L = 4524 mm / 178.12"

W = 1975 mm / 77.76"

H = 2191 mm / 86.26"

weight

2200 kg / 4850 lbs

MDVS 170J

COMPRESSOR

Operating pressure	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi	14 bar 203 psi	15 bar 218 psi
Free air delivery	17000 lt/min 600 cfm	15000 lt/min 530 cfm	13400 lt/min 474 cfm	12000 lt/min 423 cfm	11100 m ³ /min 388 cfm
Minimum working pressure	5,5 bar - 80 psi				
Drive system engine-airend	Direct Drive				
Compressor cooling system	Air / Oil				
Oil cooling capacity	39,5 lt - 5.63 gal				
Air outlet temperature	40°C - 105°F + Ambient temperature				
Outlet valves	3 x 3/4" + 1 x 2"				
Noise level EECno 2000/14	> 99 LWA				
Battery capacity	12V cc - 950A-132Ah (EN)				
Fuel tank capacity	150 lt - 39.63 gal.				
Consumes	20 lt/h - 5.28 gal/h (7,5 working hours)				

Diesel Engine / Environmental Conditions

Engine make	JCB
Engine type	TCAE-120KW
Engine system	4 strokes - In-line - Direct Injection
Emissions	Stage III A / Tier 3
Displacement	4400 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @3000 RPM	120 kW - 162 HP
Max engine speed	2200 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	22 lt - 5.8 gal
Lubrication system	Oil
Lubrication system capacity	14 lt - 3.69 gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

- › The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- › Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- › Fuel pre-filter with water separation and second filter to clean fuel in very dusty conditions.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.

