

supersilent >

## **MDVS**

powerful > compact

**120**J



- Design with modern, slender and aggressive line.
- > Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight for the compressor class.

- > Filters "spin-on" type for quick maintenance.
- > Full accessibility for easy and rapid maintenance and service.
- Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel cansumption saving.
- > Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.

## Technical Data

dimensions >

L = 4524 mm / 178.12" W = 1975 mm / 77.76" H = 2191 mm / 86.26"

weight >

1920 kg / 4233 lbs (without brakes) 2020 kg / 4453 lbs (with brakes)

## **MDVS 120J**

DO YOU KNOW

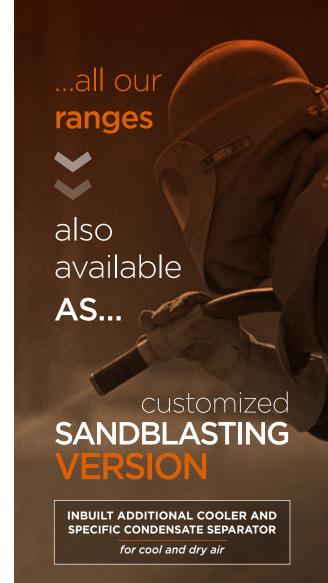
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COMPRESSOR (a)= Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure

Operating pressure (*)	10 bar 145 psi
Free air delivery	11000 l/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	29 lt - 6.38 UK 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 - 33 UK gal
Consumes	14,9 lt/h - 3.28 UK gal/h (10 working hours)

## **DIESEL ENGINE / ENVIRONMENTAL CONDITIONS**

DESEL ENGINE / ENVIRONMENTAL CONDITIONS	
JCB	
444 - TCA	
4 strokes - Inline	
Stage II / Tier 2	
4400 сс	
4	
Turbo Intercooler	
93 kW - 126 HP	
2200 RPM	
1600 RPM	
Water	
22 lt - 4.84 UK gal	
Oil	
14 lt - 3.08 UK gal	
50°C - 122°F	
1800 m a.s.l.	
-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 seperation and second filter to clean fuel in very dusty conditions.
- Combined radiator allowing both compressor oil cooling and engine liquid cooling.



