

**ROTAIR®**

supersilent ›

**MDVS**

powerful › compact

**170J**



› | SKID ADAPTOR

- › 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 consumption 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 >

2200 kg / 4850 lbs

# MDVS 170J

DO YOU  
KNOW



## COMPRESSOR

Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure

Operating pressure	<b>10 bar 145 psi</b>
Free air delivery	<b>15000 lt/min 530 cfm</b>
Minimum working pressure	<b>5,5 bar - 80 psi</b>
Drive system engine-airend	<b>Direct Drive</b>
Compressor cooling system	<b>Air / Oil</b>
Oil cooling capacity	<b>39,5 lt - 8.69 UK gal</b>
Air outlet temperature	<b>40°C - 105°F + Ambient temperature</b>
Outlet valves	<b>3 x 3/4" + 1 x 2"</b>
Noise level EECno 2000/14	<b>&gt; 99 LWA</b>
Battery capacity	<b>12V cc - 950A-132Ah (EN)</b>
Fuel tank capacity	<b>150 lt - 33 UK gal</b>
Consumes	<b>20 lt/h - 4.4 UK gal/h (7,5 working hours)</b>

## Diesel Engine / Environmental Conditions

Engine make	<b>JCB</b>
Engine type	<b>TCAE-120KW</b>
Engine system	<b>4 strokes - Inline - Direct Injection</b>
Emissions	<b>Stage III A / Tier 3</b>
Displacement	<b>4400 cc</b>
N. cylinders	<b>4</b>
Aspiration	<b>Turbo Intercooler</b>
Max engine power @3000 RPM	<b>120 kW - 162 HP</b>
Max engine speed	<b>2200 RPM</b>
Min engine speed	<b>1600 RPM</b>
Cooling system	<b>Water</b>
Cooling system capacity	<b>22 lt - 4.84 UK gal</b>
Lubrication system	<b>Oil</b>
Lubrication system capacity	<b>14 lt - 3.08 UK gal</b>
Max ambient temperature	<b>50°C - 122°F</b>
Max altitude	<b>1800 m a.s.l.</b>
Min working temperature	<b>-10°C / 14°F</b>

...all our  
ranges



also  
available  
AS...

customized  
**SANDBLASTING  
VERSION**

**INBUILT ADDITIONAL COOLER AND  
SPECIFIC CONDENSATE SEPARATOR**

*for cool and dry air*

- › 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.

