

ROTAIR®



Worldwide
VERSION



*Different features or tech specs may apply
for the European version of this model*

supersilent ›

MDVS

powerful › compact

125C



› 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 = 3957 mm / 155.79"

W = 1890 mm / 74.41"

H = 1840 mm / 72.44"

weight ›

1970 kg / 4343 lbs (without brakes)

2245 kg / 4949 lbs (with brakes)

MDVS 125C

NEW TYPE

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

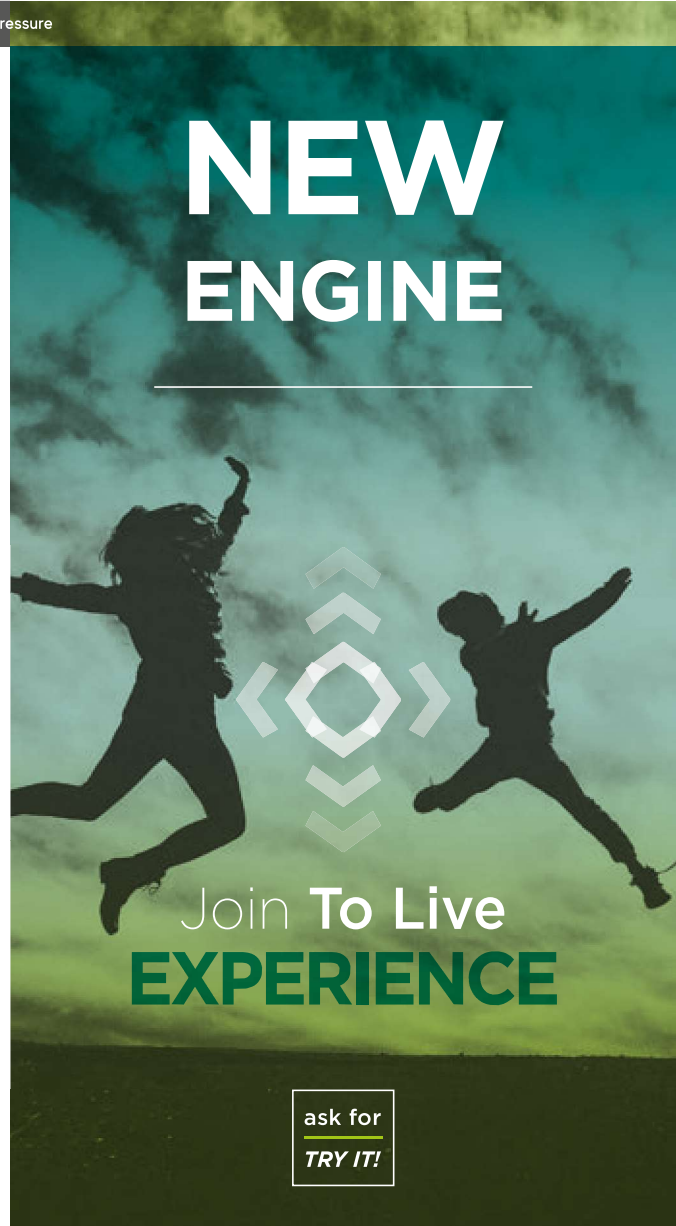
Operating pressure (*)	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	12000 l/min 424 cfm	11000 l/min 388 cfm	10000 l/min 353 cfm

DUAL PRESSURE

Minimum working pressure	5,5 bar - 80 psi
Drive system engine-arend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	29,5 lt - 6.49 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	2 x 12V cc - 680A-74Ah (EN)
Fuel tank capacity	200 lt - 43.99 UK gal
Consumes	15,4 lt/h - 3.39 UK gal/h (11,2 working hours)

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	CUMMINS
Engine type	QSF 3.8
Engine system	4 strokes - Inline
Emissions	Stage IV / Tier 4 Final
Filtration	DOC + SCR
Displacement	3800 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @3000 RPM	97 kW - 130 HP
Max engine speed	2200 RPM
Min engine speed	1200 RPM
Cooling system	Water
Cooling system capacity	24 lt - 5.28 UK gal
Lubrication system	Oil
Lubrication system capacity	15,6 lt - 3.43 UK 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.

