

**ROTAIR®**

supersilent ›

**MDVS**

powerful › compact

**125 Eco5**



› 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 >

1900 kg / 4188 lbs (without brakes)

2045 kg / 4508 lbs (with brakes)

## MDVS 125 Eco5

# NEW TYPE

### COMPRESSOR

Operating pressure	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	12000 lt/min 424 cfm	11000 lt/min 388 cfm	10000 lt/min 353 cfm
<b>DUAL PRESSURE</b>	7-10 bar >> 102-145 psi 12000 l/min >> 10500 l/min		
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		
Outlet valves	3 x 3/4" + 1 x 2"		
Noise level EECno 2000/14	< 99 LWA		
Battery capacity	1 x 12V cc - 1100A-180Ah (EN)		
Fuel tank capacity	200 lt - 43.99 UK gal		
Consumes	19,9 lt/h @ 100% - 7,9 lt/h @ 60% 4.38 UK gal/h @ 100% - 1.74 UK gal/h @ 60%		

### DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KOHLER
Engine type	KDI 3404 TCR
Engine system	4 strokes - Inline
Emissions	Stage V / Tier 4 Final
Displacement	3359 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @3000 RPM	105 kW
Max engine speed	2200 RPM
Min engine speed	1400 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 s.n.m.
Min working temperature	-10°C / 14°F

# NEW ENGINE



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- > 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.

