



# MDVS 125 Eco5



**DESIGN WITH MODERN, SLENDER  
AND AGGRESSIVE LINE.**

**ELECTRO-GALVANIZED BODYWORK  
AND CHASSIS WITH ADVANCED  
PAINTING PROCEDURE TO GRANT  
AN EXCELLENT PRESERVATION  
THROUGH TIME.**

**LIGHT WEIGHT AND  
COMPACT DIMENSIONS FOR  
EASY HANDLING AND OPTIMUM  
DIMENSIONS / DELIVERED  
POWER RATIO.**

- › 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.
- › 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.





## MDVS 125 Eco5

1910 kg / 4211 lbs (without brakes)  
 2200 kg / 4850 lbs (with brakes)  
 1870 kg / 4123 lbs (with skid adapters)

### COMPRESSOR

	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Operating pressure			
Free Air Delivery	12000 lt/min 424 cfm	11000 lt/min 388 cfm	10000 lt/min 353 cfm

### DUAL PRESSURE

7-10 bar » 102-145 psi  
 12000 lt/min » 10500 lt/min

Minimum working pressure	5,5 bar - 80 psi
Drive system engine-aiarend	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 - 730A - 100Ah (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

Engine make	KOHLER
Engine type	KDI 3404 TCR
Engine system	4 strokes - Inline
Emissions	Stage V / Tier 4 Final
Filtration	DOC + DPF
Displacement	3359 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @2200 rpm	105 kW - 142,8 CV
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

### QUALITY OF AIR

Oil in air	≤ 3 PPM
Compressed air temperature	Ambient +40°C   +72°F

### ENVIRONMENTAL CONDITIONS

Max altitude	1800 m a.s.l.
Min/Max working temp.	-10°C / +50°C   14°F / 122°F