



MDVN 26K 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.
- › European homologation for road circulation with and without brakes.
- › 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.
- › 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.
- › Two-stage air filter for engine part.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.





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540 kg / 1190 lbs (without brakes)

605 kg / 1330 lbs (with brakes)

490 kg / 1080 lbs (with skid adapters)

COMPRESSOR

Operating pressure	6,5 bar 94 psi	10 bar 145 psi	12 bar 174 psi
Free Air Delivery	2650 l/min 94 cfm	2000 l/min 71 cfm	1400 l/min 50 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-aiend	Belt-drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	6 lt - 1.32 UK gal		
Outlet valves	2 x 3/4"		
Noise level EECno 2000/14	< 98 LWA		
Battery capacity	12V cc - 680A - 55Ah (EN)		
Fuel tank capacity	30 lt - 6.6 UK gal		
Consumes	3,7 lt/h - 0.81 UK gal (8,2 working hour)		

DIESEL ENGINE

Engine make	KUBOTA
Engine type	D1105-E4B
Engine system	4 strokes - Inline
Emissions	Stage V / Tier 4
Displacement	1123 cc
N. cylinders	3
Aspiration	Natural
Max engine power @3600 rpm	18,5 kW - 25 CV
Max engine speed	2900 rpm
Min engine speed	1900 rpm
Cooling system	Water
Cooling system capacity	4 lt - 0.88 UK gal
Lubrication system	Oil
Lubrication sys capacity	5,1 lt - 1.12 UK gal

QUALITY OF AIR

Oil in air	1-3 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