

ROTAIR

MDVN 22 K

Conceived for cable laying



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.

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.



MDVN 22 K

L = 2841 mm / 111.83"
W = 1400 mm / 55.08"
H = 1230 mm / 48.43"

540 kg / 1190 lbs (without brakes)

605 kg / 1330 lbs (with brakes)

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 14 bar - 203 psi
Free Air Delivery	2 m ³ - 88 cfm 1.6 m³ - 67 cfm 1.4 m ³ - 50 cfm 1.3 m³ - 46 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 - 270A - 55Ah (EN)
Fuel tank capacity	30 lt - 6.6 UK gal

DIESEL ENGINE

Engine make	KUBOTA
Engine type	D905-E4B
Engine system	4 strokes - Inline
Emissions	Stage V / Tier 4
Displacement	898 cc
N. cylinders	3
Aspiration	Natural
Max engine power @3600 RPM	18,5 kW - 25 HP
Max engine speed	3600 RPM 1900
Min engine speed	3600 RPM 1900
Cooling system	RPM Water
Cooling system capacity	4 lt - 0.88 UK gal
Lubrication system	Oil
Lubrication system 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 Ambient +5°C +9°F (PLUS AFTERCOOLER)

ENVIRONMENTAL CONDITIONS

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