



MDVN 22K 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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480 kg / 1060 lbs (without brakes)
 545 kg / 1200 lbs (with brakes)
 430 kg / 948 lbs (with skid adapters)

COMPRESSOR

| | | | |
|---------------------------|--|-------------------------------|-------------------------------|
| Operating pressure | 6,5 bar 94 psi | 10 bar 145 psi | 12 bar 174 psi |
| Free Air Delivery | 2000 lt/min 71 cfm | 1600 lt/min 56 cfm | 1400 lt/min 50 cfm |
| Minimum working pressure | 5,5 bar - 80 psi | | |
| Drive system engine-arend | 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 - 450A - 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 | D902-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 CV |
| Max engine speed | 3600 rpm |
| Min engine speed | 1900 rpm |
| Cooling system | Water |
| Cooling system capacity | 3,7 lt - 0.81 UK gal |
| Lubrication system | Oil |
| Lubrication sys capacity | 4 lt - 0.88 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 |