Technical Data

dimensions ›
L = 3025 mm / 119.09"
W = 1340 mm / 52.76"
H = 1302 mm / 51.26"
weight ›
625kg / 1377 lbs (without brakes)
650 kg / 1433 lbs (with brakes)

MDVN 31K

dimensions ›
L = 3025 mm / 119.09"
W = 1340 mm / 52.76"
H = 1302 mm / 51.26"
weight ›
625 kg / 1377 lbs (without brakes)
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MDVN 37K

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	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	3000 l/min 106 cfm	2500 l/min 88 cfm	2000 l/min 71 cfm	3600 l/min 127 cfm	2900 l/min 102 cfm	2250 l/min 79 cfm
Minimum working pressure	5 bar - 73 psi			5 bar - 73 psi		
Drive system engine-airend	Direct Drive			Direct Drive		
Compressor cooling system	Air / Oil			Air / Oil		
Oil cooling capacity	8,1 lt - 2.14 gal			8,1 lt - 2.14 gal		
Air outlet temperature	40°C - 105°F + Ambient temperature			40°C - 105°F + Ambient temperature		
Outlet valves	2 x 3/4"			2 x 3/4"		
Noise level EECno 2000/14	< 98 LWA			< 98 LWA		
Battery capacity	12V cc - 680A-74Ah (EN)			12V cc - 680A-74Ah (EN)		
Fuel tank capacity	40 lt - 10.57 gal.			40 lt - 10.57 gal.		
Consumes	4,4 lt/h - 1.16 gal/h (9 working hours)			4,9 lt/h - 1.29 gal/h (8 working hours)		

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	KUBOTA	KUBOTA
Engine type	V1505-E3B	D1505-E3B
Engine system	4 strokes - Inline	4 strokes - Inline
Emissions	Stage III A / Tier 4 Interim	Stage III A / Tier 4 Interim
Displacement	1498 cc	1498 cc
N. cylinders	4	4
Aspiration	Natural	Natural
Max engine power @3000 RPM	26,2 kW - 35.0 HP	26,2 kW - 35.0 HP
Max engine speed	3000 RPM	3000 RPM
Min engine speed	1600 RPM	1600 RPM
Cooling system	Water	Water
Cooling system capacity	5 lt - 1.32 gal	5 lt - 1.32 gal
Lubrication system	Oil	Oil
Lubrication system capacity	6 lt - 1.59 gal	6 lt - 1.59 gal
Max ambient temperature	50°C - 122°F	50°C - 122°F
Max altitude	1800 m a.s.l.	1800 m a.s.l.
Min working temperature	-10°C / 14°F	-10°C / 14°F

- 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.