

Technical Data

dimensions >

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

weight >

480 kg / 1060 lbs (without brakes)
545 kg / 1200 lbs (with brakes)

MDVN 22K

dimensions >

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

weight >

540 kg / 1190 lbs (without brakes)
605 kg / 1330 lbs (with brakes)

MDVN 26K

COMPRESSOR

(*) = Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure

Operating pressure (*)	6,5 bar 94 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	2000 l/min 71 cfm	1600 l/min 56 cfm	1400 l/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 - 1.59 gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
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 - 7.93 gal.		
Consumes	3,5 lt/h - 0.92 gal/h (8,5 working hours)		

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

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 - 25.0 HP
Max engine speed	3600 RPM
Min engine speed	1900 RPM
Cooling system	Water
Cooling system capacity	4 lt - 1.05 gal
Lubrication system	Oil
Lubrication system capacity	4 lt - 1.05 gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

Operating pressure (*)	6,5 bar 94 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	2500 l/min 88 cfm	1900 l/min 67 cfm	1400 l/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 - 1.59 gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
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 - 7.93 gal.		
Consumes	3,8 lt/h - 1.00 gal/h (8 working hours)		

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 - 25.0 HP
Max engine speed	3000 RPM
Min engine speed	1900 RPM
Cooling system	Water
Cooling system capacity	4 lt - 1.05 gal
Lubrication system	Oil
Lubrication system capacity	5,1 lt - 1.35 gal
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

- > 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 arend.
- > Two-stage air filter for engine part.
- > Combined radiator allowing both compressor oil cooling and engine liquid cooling.

