# Technical Data

dimensions ›
L = 3213 mm / 126.5″
W = 1520 mm / 59.8″
H = 1440 mm / 56.7″
weight ›
960 kg / 2116 lbs (without brakes)
1020 kg / 2248 lbs (with brakes)

## MDVN 53 ECO5

# NEW!

### COMPRESSOR

| | | |
|---|---|---|
| Operating pressure | 7 bar<br>102 psi | 10 bar<br>145 psi |
| Free air delivery | 5200 l/min<br>185 cfm | 4150 l/min<br>147 cfm |

**DOUBLE FLOW - DOUBLE PRESSURE**

| | |
|---|---|
| Minimum working pressure | 5 bar - 73 psi |
| Drive system engine-airend | Direct Drive |
| Compressor cooling system | Air / Oil |
| Oil cooling capacity | 10,7 lt - 2.83 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 - 750A-100Ah (EN) |
| Fuel tank capacity | 88 lt - 23.24 gal. |
| Consumes | 6,4 lt/h - 1.69 gal/h (8 working hours) |

### DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

| | |
|---|---|
| Engine make | KOHLER |
| Engine type | KDI 1903 TCR St V |
| Engine system | 4 strokes - Inline - Indirect Injection |
| Emissions | Stage V / Tier 4 Final |
| Filtration | DOC + DPF |
| Displacement | 1903 cc |
| N. cylinders | 3 |
| Aspiration | Turbocompress |
| Max engine power @2600 RPM | 36,5 kW - 49.0 HP |
| Max engine speed | 2600 RPM |
| Min engine speed | 1700 RPM |
| Cooling system | Water |
| Cooling system capacity | 14 lt - 3.7 gal |
| Lubrication system | Oil |
| Lubrication system capacity | 9,75 lt - 2.57 gal |
| Max ambient temperature | 50°C - 122°F |
| Max altitude | 1800 m a.s.l. |
| Min working temperature | -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.




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