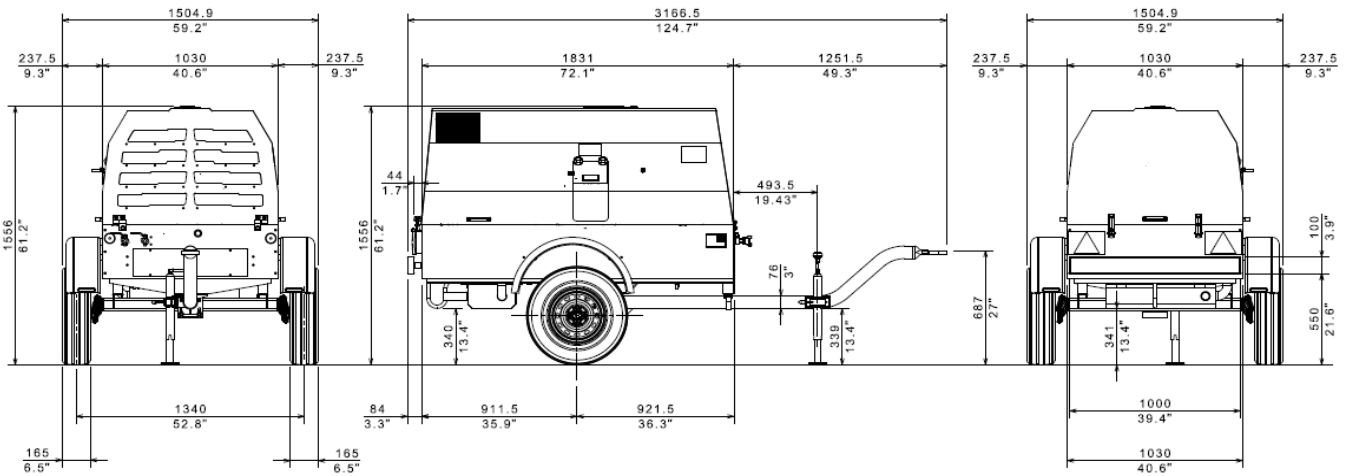


## MDVN 53 PA



- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- Light weight (850kg).
- Filters "spin-on" type for quick maintenance.
- Full accessibility for easy and rapid maintenance and service.

### OPTIONS AND ACCESSORIES:

Drawbar with or without brakes, caravan-type ball connection - Skid version - Toolbox  
Clog indicator for engine air filter - Fuel indicator  
Sandblasting kit (cooler for compressed air cooling and dew separator)  
Line oiler for pneumatic tools - Warming for compressed air

# MDVN 53 PA

# TECHNICAL DATA SHEET

## COMPRESSOR

Operating pressure	<b>7 bar – 102 psi</b>
Free air delivery	<b>5200 lt/min – 185 CFM</b>
Minimum working pressure	<b>5 bar – 73 psi</b>
Compressor cooling system	<b>Air / Oil</b>
Oil cooling capacity	<b>9 lt</b>
Air outlet temperature	<b>40 °C – 105 °F+</b>
Outlet valves	<b>3 x 3/4"</b>
Noise level EECno 2000/14	<b>&lt;98 LWA</b>
Battery capacity	<b>12Vcc-750A-100Ah (EN)</b>
Fuel tank capacity	<b>88 lt</b>
Consumes	<b>7.3 lt/hour</b> (12 working hours)



## DIESEL ENGINE

Engine make	<b>Perkins</b>
Engine type	<b>404D-22</b>
Engine system	<b>4 strokes in-line</b> <b>Indirect injection</b>
Displacement	<b>2200 cc</b>
N. cylinders	<b>4</b>
Aspiration	<b>Natural</b>
Max engine power@2900 RPM	<b>37,5 kW – 50.0 HP</b>
Max engine speed	<b>2900 tours/min</b>
Min engine speed	<b>1700 tours/min</b>
Cooling system	<b>Water</b>
Cooling system capacity	<b>8 lt</b>
Lubrication system	<b>Oil</b>
Lubrication system capacity	<b>9 lt</b>

## ENVIRONMENTAL CONDITION (Standar version)\*

Max ambient temperature	<b>50 °C / 122 °F</b>
Max altitude	<b>1800 mt s.l.m.</b>
Min working temperature	<b>-10 °C / 14 °F</b>

(\*):For versions with different operating pressures or of machines to be used under particular ambient temperature conditions, data have to be previously asked to our technical dept.

-Exclusive pneumatic control system, developed by EKOSAN, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption saving.

-Star/Stop "INTELLIGENT SYSTEM", exclusive from EKOSAN, to prevent the risk of incorrect procedures during specific functioning.

-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 air end. As option, Two-stage air filter.

-Two-stage air filter for engine part.

-Combined radiator allowing both compressor oil cooling and engine liquid cooling.

THE RESPECT OF ORDINARY MAINTENANCE INTERVALS AND THE USE OF GENUINE SPARE PARTS ENSURE CONSTANT AND OPTIMAL PERFORMANCES AND A RELIABLE DURABILITY