ROTAIR®



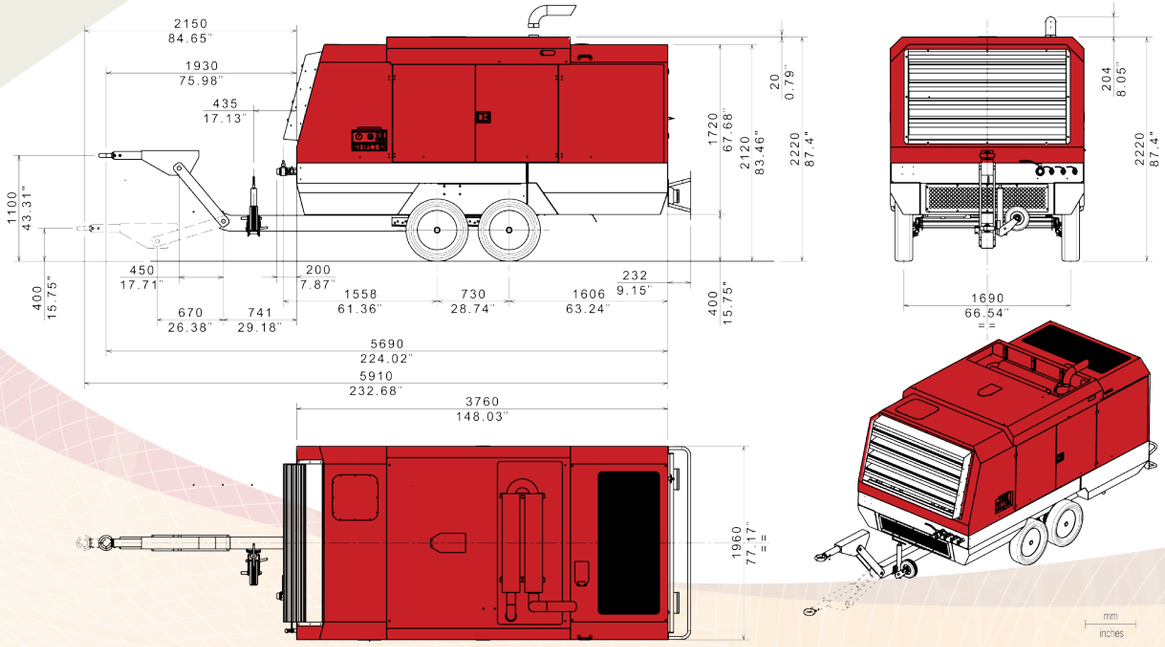
MDVS 255 C

PORTABLE COMPRESSOR

SUPER SILENT | POWERFUL & COMPACT

WEIGHT (with brakes)	3350 Kg	7385 lbs
WEIGHT (without brakes)	3250 Kg	7165 lbs
DOUBLE SPRUNGE AXLE		





- Design with modern, slender and aggressive line
- Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time
- Compact dimensions and optimum dimensions / delivered power ratio
- Light weight for the compressor class
- Oil filter “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
Sandblasting kit (cooler for compressed air cooling and dew separator)
Line oiler for pneumatic tools - Warming for compressed air
Exclusive ROTAIR “FUEL SAVING SYSTEM” (saving up to 20% of fuel)

ISO 9001 BUREAU VERITAS Certification

Company certified ISO 9001:2008

CE

A NEW WORKING CONCEPT!

MDVS 255 C TECHNICAL DATA



- 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
- Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, 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 airend. As option, Two-stage air filter
- Two-stage air filter for engine part
- Fuel pre-filter with water seperation and second filter to clean fuel in very dusty conditions
- Combined radiator allowing both compressor oil cooling and engine liquid cooling

INSTRUMENT and GAUGES

Emergency stop device

- Oil pressure switch
- Engine coolant temperature switch
- Discharge air temperature switch

Gauges

Pressure, hour, meter, start/stop switch

Warning light

- Engine oil pressure
- Engine coolant - oil compressor temperature
- Battery charging
- Glow plug lump
- Low fuel level (optional)
- Air filter clogged (optional)

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

COMPRESSOR

Operating Pressure	7 bar 100 psi	10 bar 145 psi	12 bar 174 psi	14 bar 203 psi
Free air delivery	25.3m³/min 893 cfm	22.7m³/min 802 cfm	20.5m³/min 723 cfm	18.5m³/min 653 cfm

Minimum working pressure	5,5 bar – 80 psi
Drive system engine-airend	Direct Drive
Compressor cooling system	Air/Oil
Oil cooling capacity	60 lt
Air outlet temperature	40°C – 105°F + Ambient temperature
Outlet valves	3 x 3/4" + 1 X 2"
Noise level EECno 2000/14	< 100 LWA
Battery capacity 2x	12Vcc - 750A-100Ah (EN)
Fuel tank capacity	380 lt
Consumes	32,2 lt/ hour (11,8 working hours)

DIESEL ENGINE

Engine make	CUMMINS
Engine type	QSB6.7
Engine system	4 strokes - Inline -
Displacement	6700 cc
N. cylinders	6
Aspiration	Turbo Intercooler
Max engine power@2200 RPM	194 kW – 262 HP
Max engine speed	2200 RPM
Min engine speed	1200 RPM
Cooling system	Water
Cooling system capacity	33 lt
Lubrication system	Oil
Lubrication system capacity	14 lt

ENVIRONMENTAL CONDITIONS	(Standard version*)
Max ambient temperature	50°C – 122°F
Max altitude	1800 mt a.s.l.
Min working temperature	-10°C – 14°F

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

** All images and pictures are indicative. Data can be changed without prior notice.*

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