ROTAIR®



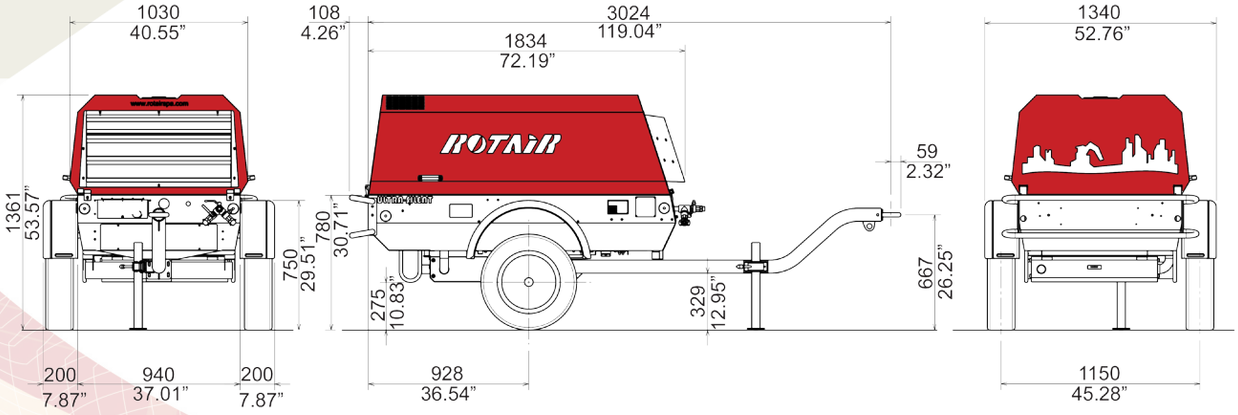
MDVN 53 K

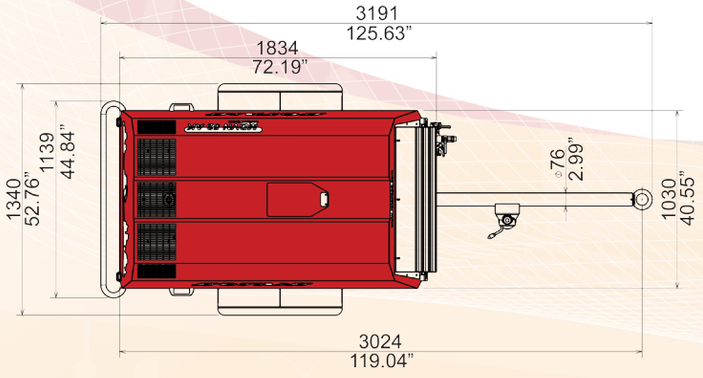
PORTABLE COMPRESSOR

SUPER SILENT | POWERFUL & COMPACT



WEIGHT (with brakes)	950 Kg	2095 lbs
WEIGHT (without brakes)	850 Kg	1875 lbs





- 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 for easy handling and optimum dimensions / delivered power ratio
- Light weight
- Filters “spin-on” type for quick maintenance
- Full accessibility for easy and rapid maintenance and service
- European homologation for road circulation with brakes

OPTIONS AND ACCESSORIES:

Drawbar with or without brakes, caravan-type ball connection - Skid version
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
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!

MDVN 53 K 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
- 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 THROUGH TIME.

COMPRESSOR

Operating pressure	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	5200 lt/min 185 cfm	4150 lt/min 147 cfm	3800 lt/min 134 cfm
Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure			
Minimum working pressure	5 bar – 73 psi		
Drive system engine-airend	Direct Drive		
Compressor cooling system	Air/Oil		
Oil cooling capacity	9 lt		
Air outlet temperature	40°C – 105°F + Ambient temperature		
Outlet valves	3 x 3/4"		
Noise level EECno 2000/14	< 98 LWA		
Battery capacity	12Vcc- 400A-70Ah (EN)		
Fuel tank capacity	50 lt		
Consumes	6,5 lt/ hour (8 working hours)		

DIESEL ENGINE

Engine make	KUBOTA
Engine type	V-2403-M-DI
Engine system	4 strokes - Inline - Direct Injection
Displacement	2434 cc
N. cylinders	4
Aspiration	Natural
Max engine power@2700 RPM	36,5 kW – 49,0 HP
Max engine speed	2700 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	8 lt
Lubrication system	Oil
Lubrication system capacity	9 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.*

A NEW WORKING CONCEPT!

PORTABLE COMPRESSOR
SUPER SILENT
POWERFUL & COMPACT

ROTAIR®
TECHNOLOGY AND ENGINEERING SOLUTIONS
Via Bernezzo, 67 - 12023 Caraglio (Cn) ITALY
Tel: +39 0171.619676 / Fax: +39 0171.619677
www.rotairspa.com • info@rotairspa.com