

ROTAIR

TECHNICAL
DATA SHEET



D 400 J

supersilent ›

powerful › compact

**PORTABLE
COMPRESSORS**



CONSTRUCTIONS
BUILDING SITES
and much more...



- › 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

OPTIONS AND ACCESSORIES:

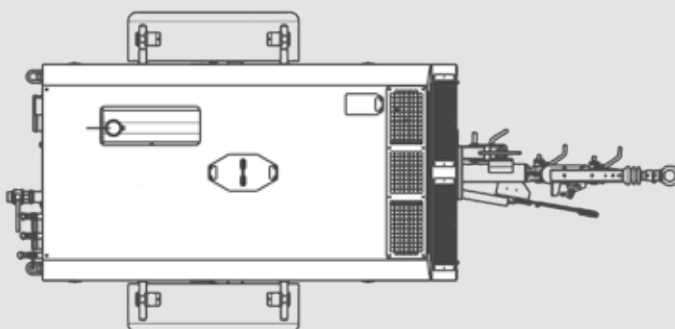
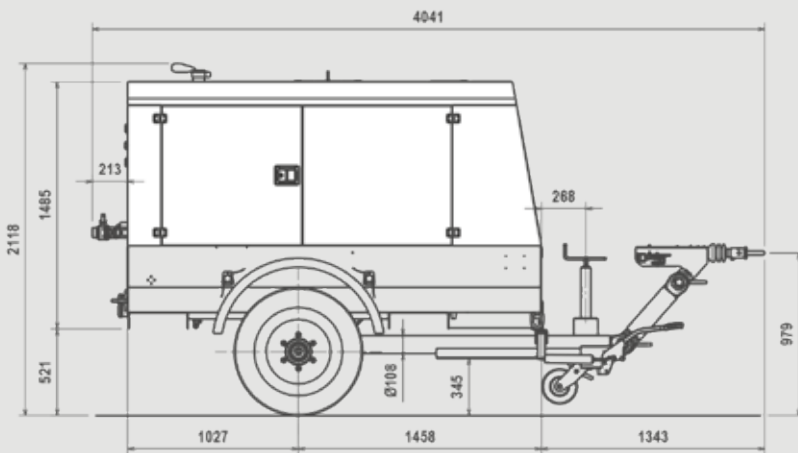
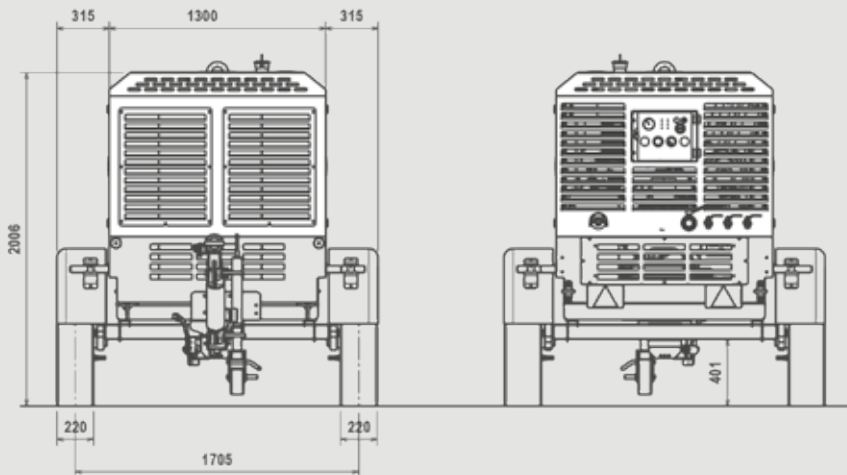
- › Drawbar with/without brakes
- › Caravan-type ball connection
- › Skid version
- › Clog indicator for engine air filter
- › Fuel indicator
- › Line oiler for pneumatic tools
- › Warming for compressed air
- › Exclusive Rotair "Fuel Saving System" (saving up to 20% of fuel)

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D 400 J



DIMENSIONS TO BE CONFIRMED



- › 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 separation and second filter to clean fuel in very dusty conditions.
- › 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 RELIABLE DURABILITY THROUGH TIME.

Technical Data

weight (with brakes) >

1850 kg
4061 lbs

COMPRESSOR

Operating pressure	7 bar 102 psi	10 bar 145 psi	12 bar 174 psi
Free air delivery	12000 l/min 424 cfm	10800 l/min 381 cfm	10000 l/min 353 cfm
Minimum working pressure	5,5 bar - 80 psi		
Drive system engine-arend	Direct Drive		
Compressor cooling system	Air / Oil		
Oil cooling capacity	29 lt - 6.38 UK gal		
Air outlet temperature	40°C - 105°F + Ambient temperature		
Outlet valves	3 x 3/4" + 1 x 2"		
Noise level EECno 2000/14	> 99 LWA		
Battery capacity	12V cc - 680A, 74 Ah		
Fuel tank capacity	200 lt - 44 UK gal		
Consumes	14,3 lt/h - 3.15 UK gal/h (10 working hours)		

DIESEL ENGINE

Engine make	JCB
Engine type	444 TCA
Engine system	4 strokes - Inline
Displacement	4400 cc
N. cylinders	4
Aspiration	Turbo Intercooler
Max engine power @2200 RPM	93 kW - 126 HP
Max engine speed	2200 RPM
Min engine speed	1600 RPM
Cooling system	Water
Cooling system capacity	22 lt - 4.8 UK gal
Lubrication system	Oil
Lubrication system capacity	14 lt - 3.08 UK gal

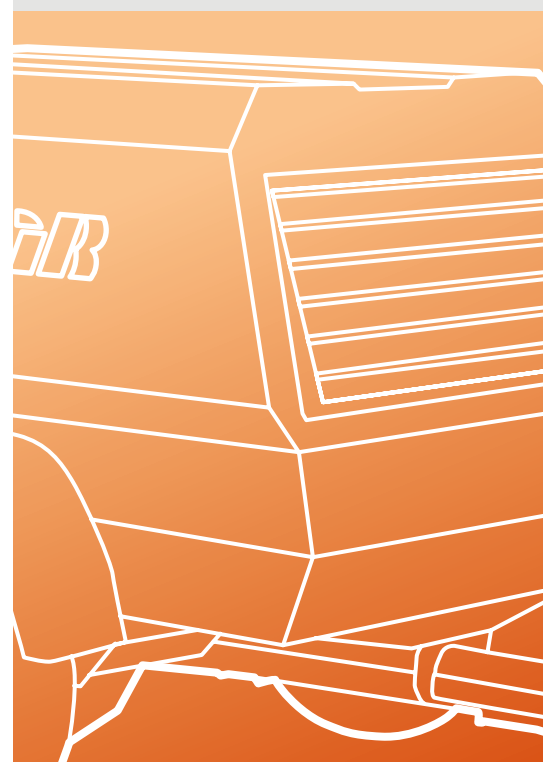
ENVIRONMENTAL CONDITIONS - (Standard Version*)

Max ambient temperature	55°C - 131°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F

powerful



compact



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

*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.



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PORTABLE COMPRESSORS

D 400 J | 11/2021-Rev.01

COMPRESSED AIR
FOR CIVIL ENGINEERING

GOMMAIR SERIE

D SERIE

DS SERIE

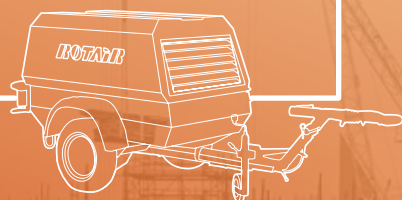
MDVN SERIE

MDVS SERIE

VRK SERIE

VRK FIBRA SERIE

VRH SERIE



ROTAIR TECHNOLOGY AND
ENGINEERING SOLUTIONS

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Azienda
certificata
ISO
9001:2008

