



TECHNICAL DATA SHEET



V. 01

REV. 01

04 - 04 - 2025

ROTAIR®

powerful >> compact

MDVN

PORTABLE COMPRESSORS

30 Eco 5



AXLE
WITHOUT
BRAKES

590 KG
1300 LB



AXLE
WITH
BRAKES

630 KG
1388 LB



SKID
VERSION

530 KG
1168 LB



COMPRESSOR

Operating pressure	7 bar - 102 psi	10 bar - 145 psi	12 bar - 174 psi
Free air delivery	2950 l/min 104 cfm	2250 l/min 80 cfm	1900 l/min 67 cfm
Minimum working pressure	5 bar - 104 psi		
Drive system engine-aiend	Belt Drive		
Compressor cooling system	Air / Oil		
Outlet valves	2 x 3/4"		
Noise level EECno 2000/14	< 98 dB LWA		
Battery capacity	12V cc - 680A-74Ah (EN)		
Fuel tank capacity	30 l - 6.6 UK gal (Plastic) / 40 l - 8.8 UK gal (Steel)		

DIESEL ENGINE

Engine make	REHLKO (KOHLER)
Engine type	KSD1403NA
Engine system	4 strokes - diesel
Emissions	Stage V / Tier IV Final
Displacement	1391 cc
N. cylinders	3
Aspiration	Natural
Max engine power @2600 RPM	18,4 kW - 25.0 HP
Max engine speed	2600 RPM
Min engine speed	1900 RPM
Cooling system	Water
Lubrication system	Oil
Lubrication system capacity	3,7 l - 0.81 UK gal

QUALITY OF AIR

Oil in air	1-3 PPM
Air outlet temperature	Ambient +40°C 72°F

ENVIRONMENTAL CONDITIONS

Max ambient temperature	48°C - 118°F
Min working temperature	-10°C / 14°F
Max altitude	1800 m a.s.l.

AXLE WITHOUT BRAKES

WITH ARTICULATED DRAWBAR
Slow towing from construction site



590 KG
1300 LB

AXLE WITH BRAKES

WITH ARTICULATED DRAWBAR
Suitable for road traffic



630 KG
1388 LB

SKID VERSION



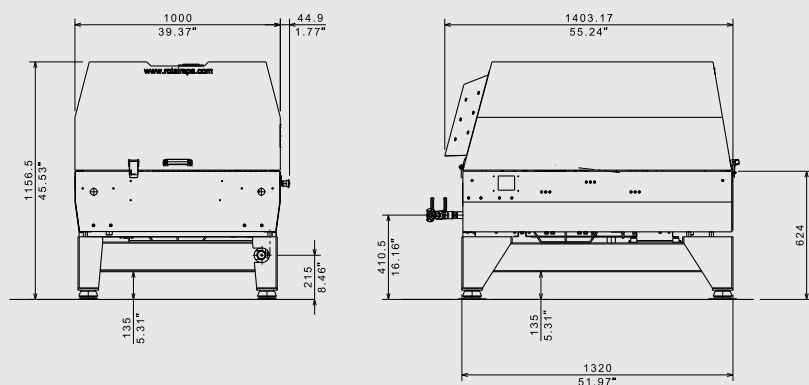
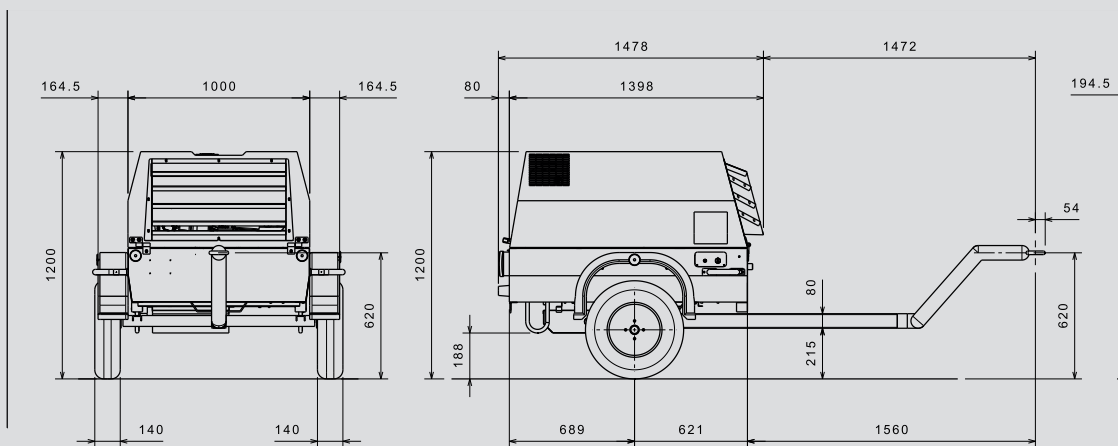
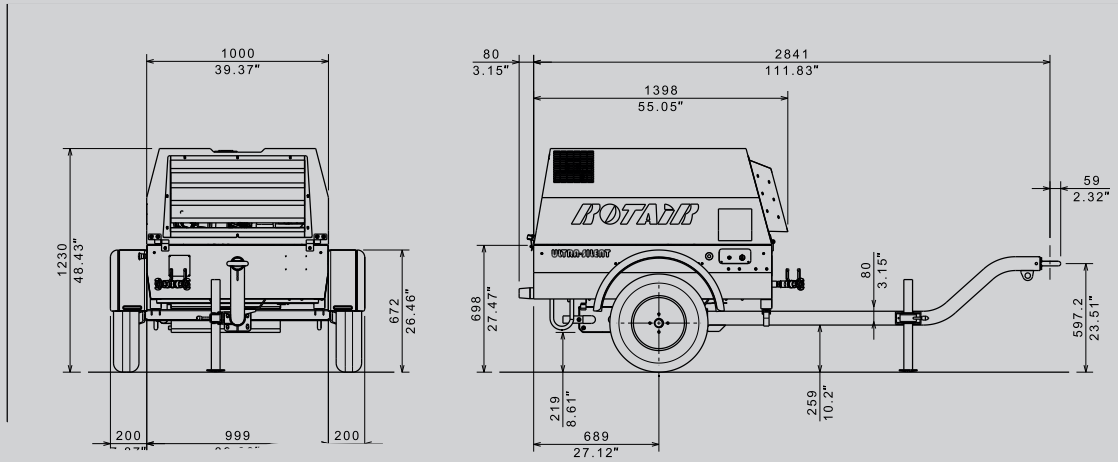
530 KG
1168 LB

Eco 5

PORTABLE
COMPRESSORS



powerful » compact



MDVN 30^{Eco}₅

PORTABLE COMPRESSORS

MAIN FEATURES

COMPRESSED AIR
FOR CIVIL ENGINEERING

GOMMAIR^{RANGE}

D/DS^{RANGE}

MDVN^{RANGE}

MDVS^{RANGE}

VRK^{RANGE}

VRK FIBER^{RANGE}

VRH^{RANGE}

TVR^{RANGE}

ROTAIR[®] DELIVERING WORLD-CLASS
COMPRESSORS

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Azienda
certificata
ISO
9001:2015

ISO 9001

BUREAU VERITAS
Certification



ROTAIR - A brand of
ELGI Equipments Ltd.

Further information available on request. The manufacturer reserves the right to modify the technical characteristics indicated above without prior notice.