

ROTAIR



SPECIFIC
EUROPE

GOMMAIR | MDVN | MDVS | VRK | TVR | VRH

STAGE

**PORTABLE
COMPRESSORS**



**PRO
SERIES**



Reducing Emissions

NOW!

delivering
WORLD-CLASS Compressors





TVR

30-55-80



**ACOUSTIC SIGNAL
OF OIL OVERHEATING**

EMERGENCY BUTTON.

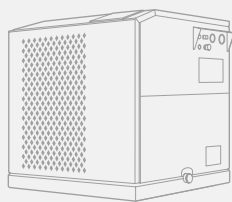
**COUPLED TO AIREND THROUGH
AN ELASTIC COUPLING.**

**KIT TO INVERT
THE ROTATION SIDE.**

**POSSIBILITY TO INSTAL THE
START BUTTON IN REMOTE.**

- › Protection for the cardan joint
- › Easily accessible for maintenance
- › Compact design
- › Designed for intensive use in agriculture
- › Possibility to fit on the three-point hitch of the tractor (specific structure not supplied)
- › The machine conforms to the most stringent norms - CE Directive, EN safety and compatibility norms - and its design and manufacturing are conform to ROTAIR Quality System in the framework of ROTAIR Total Quality Management.
- › Machine is supplied with manual of use and maintenance, including diagrams and electric schemes
- › Spare parts manual





TVR 30

L = 810 mm / 31.89"
W = 693 mm / 27.28"
H = 704 mm / 27.72"

300 kg / 661 lbs

TVR 55

L = 900 mm / 35.43"
W = 750 mm / 29.53"
H = 851 mm / 33.50"

400 kg / 882 lbs

TVR 80

L = 1211 mm / 47.68"
W = 820 mm / 32.28"
H = 1057 mm / 41.61"

640 kg / 1411 lbs

TVR WITH CANOPY

Operating pressure	7 bar 102 psi	7 bar 102 psi	7 bar 102 psi
Free Air Delivery	3120 lt/min 110 cfm	5375 lt/min 190 cfm	8000 lt/min 283 cfm
Connection to PTO	1" 3/8 Z6 DIN 9611A		
Rotation PTO	540 rpm		
Direction of Rotation	Counter-clockwise, from the front of the TVR (possibility of additional option to adapt the direction of rotation to the tractor)		
Air outlet	1"	1"	1" 1/2
Electric circuit (battery not included)	12V cc		
Quantity of lubricating oil in reductor	2,2 lt - 0.48 UK gal		
Quantity of lubricating oil in airend	7 lt - 1.54 UK gal	8 lt - 1.76 UK gal	16 lt - 3.52 UK gal
Cooling	Electrofan		
Quality of air	1-3 PPM	1-3 PPM	≤ 3 PPM



Designed for **INTENSIVE USE**



ABRASIVE BLASTING MODE

AFTER COOLED

ABRASIVE BLASTING

The treatment of compressed air is becoming an increasingly crucial aspect when it comes to managing the wide range of applications it is used for. To address this, **ROTAIR** provides an aftercooler and moisture separator option for all compressors in our lineup.

The role of an aftercooler is essential: it helps lower the temperature of compressed air and, more importantly, reduces its relative humidity by eliminating condensate. Most of our compressors come with the option of an onboard aftercooler, and some models, like the VRK+, even feature a dual-stage integrated aftercooling system.

INBUILT ADDITIONAL COOLER AND SPECIFIC CONDENSATE SEPARATOR

for cool and dry air



specifically
designed for...

In some cases, an external aftercooler may be more suitable. It's useful when there is an occasional need to enhance a standard compressor or when the point of application is further away, ensuring the air quality remains consistent over a longer hose length.

These are "Plug & Play" solutions designed to provide cool, condensate-free compressed air exactly when you need it. For even more demanding needs, **ROTAIR** offers a version that includes additional fine filters, ensuring the air is technically oil-free.

Whether integrated, external, or additional, the aftercooler and moisture separator option makes **ROTAIR** compressors ideal for a variety of applications requiring cooler, drier air—such as abrasive blasting, fiber blowing, dry-ice cleaning, and many others.

ROTAIR OFFERS A BROAD PANEL OF TRAILERS, TO MAKE COMPRESSORS EFFECTIVELY PORTABLE.

The undercarriage of a portable compressor is composed of:

AXLE

The part connecting compressor to the ground, includes suspension system, wheels and all related parts. Suspensions can be assured with springs (sprung axle) or leaf springs (leaf spring axle). Wheels are of different size, to match the weight of the machine and according to the type of towing.

LIGHTS

System of rear lights and reflectors

BRAKING SYSTEMS

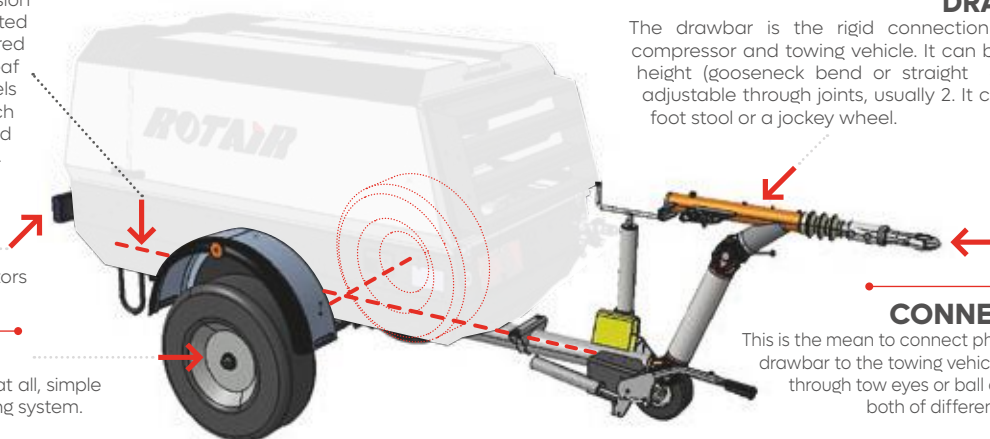
Can be with no braking system at all, simple parking brake or repulsion braking system.

DRAWBAR

The drawbar is the rigid connection between compressor and towing vehicle. It can be at fixed height (gooseneck bend or straight angles) or adjustable through joints, usually 2. It can have a foot stool or a jockey wheel.

CONNECTION

This is the mean to connect physically the drawbar to the towing vehicle. It can be through tow eyes or ball connection, both of different diameter.



STANDARD TRAILER - MDVN

So-called "gooseneck" for the peculiar shape of the drawbar. Is always without brakes. Enables slow towing (max 25 km/h) on work field but not on public roads.

TRAILER WITH BRAKES - MDVN

Has adjustable drawbar, repulsive braking system, lights. Enables compressor to be towed on public roads, if homologated.

STANDARD TRAILER - MDVS

Has adjustable drawbar. Is without repulsive braking system, but has a parking brake. Enables slow towing (max 25 km/h) on work field but not on public roads.

TRAILER WITH BRAKES - MDVS

Has adjustable drawbar, repulsive braking system, lights. Enables compressor to be towed on public roads, if homologated.

TRAILER WITH PARKING BRAKE

All types of axles and drawbars can be equipped with parking brake, a lever that blocks the wheels when the machine must be static.

SKID ADAPTOR

Portable compressors can be delivered "ON SKID", which means without wheels but on a base with four support feet.

ROTAIR has a special **SKID ADAPTOR**, used to prepare the machine for standard skid delivery, that can be provided as separate attachment and be used to transform a towable compressor into a skid compressor. Viceversa: by removing the skid adaptor and installing an undercarriage with all its parts, the original skid machine can become towable.



ON ROAD HOMOLOGATION / To circulate on public roads, towed by a vehicle, a portable compressor needs to have several characteristics.

EUROPE:

European Union has uniformed the legislation to enable towing of trailers, among those portable compressors. To be towed on public roads, a trailer shall respond to Directive 2007/46/CE. The manufacturer shall undergo a process of internal homologation by one European Ministry of transports and all machines to be towed shall be examined and approved. The exam includes the presence of all elements requested by the Directive (among others: braking system where needed, lights, reflectors, etc.). This done, the manufacturer will be issued, for each towable model, a unique reference number, that will be engraved on the chassis of the machines deemed to be towed and integrated into the specific documentation of the machine. This number, communicated by the end Customer to the Office of Circulation of the European Country where the machine will be put into operation, will enable the road homologation process without need of further presentation of documents or physical inspection and assessment by the competent Authority.

OTHER COUNTRIES.

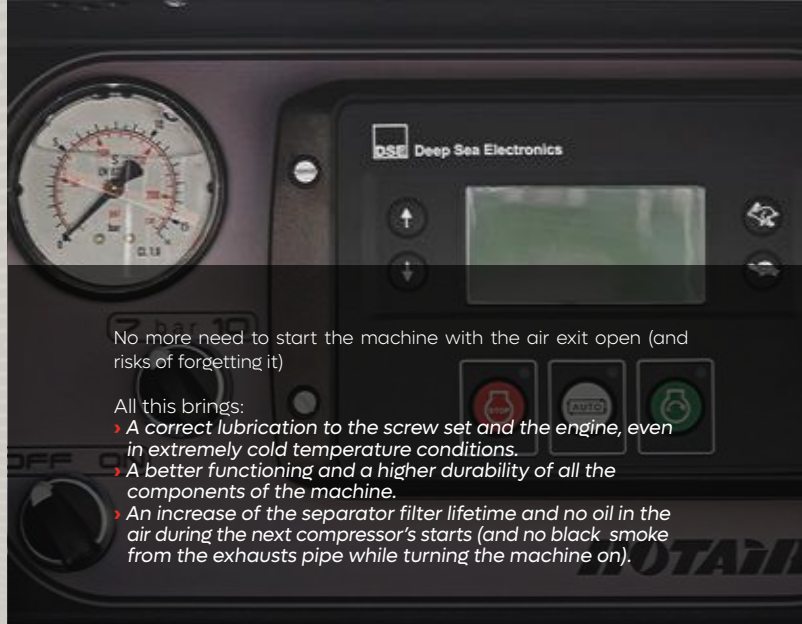
For other Countries outside Europe, the local legislation shall be followed. ROTAIR can provide, upon request, the specific documents and drawings that could be requested for a national road homologation. The Dealer or end Customer shall provide the specifications that the machines shall respect to be homologated. In some cases, the Dealer could modify the machines, upon authorization of ROTAIR, to conform them to the norms of the reference Country.

FEATURED HIGHLIGHTS

EXCLUSIVE ROTAIR INTELLIGENT SYSTEM

THE "INTELLIGENT SYSTEM" ENABLES A PRE-HEATING OF THE ENGINE WITHOUT OVERLOADING IT, THE AIREND WILL START WORKING ONLY WHEN THE PERFECT CONDITIONS ARE REACHED.

THE SAME IN TURNING OFF THE MACHINE AFTER A DEPRESSURISATION PHASE OF THE HYDRAULIC CIRCUIT, NO HAMMERING OF THE AIREND DUE TO ITS INERTIAL MOVEMENT, BUT A GRADUAL TURN-OFF.



No more need to start the machine with the air exit open (and risks of forgetting it)

All this brings:

- › A correct lubrication to the screw set and the engine, even in extremely cold temperature conditions.
- › A better functioning and a higher durability of all the components of the machine.
- › An increase of the separator filter lifetime and no oil in the air during the next compressor's starts (and no black smoke from the exhausts pipe while turning the machine on).



BUNDED CHASSIS ADAPTER

This exclusive device, only for ROTAIR portable compressors, offers the possibility to have your compressor protected from accidental spills of fluids on the ground.

Removable yet solidly fixable to the compressor, it is the ultimate option where anti-spill is mandatorily required.

It is so intelligent that it enables forklift handling of the compressor.

EASY MAINTENANCE

FULL ACCESSIBILITY
FOR EASY AND RAPID
MAINTENANCE AND
SERVICE



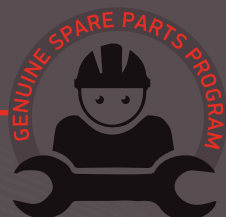
STAGE V

PORTABLE
COMPRESSORS

PRO
SERIES

WARRANTY DURATION RELIABILITY

are assured with
THE EXCLUSIVE USE
of original spare parts



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ROT*AIR*[®]
Delivering **WORLD CLASS** Compressors

STAGE V

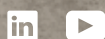
PORTABLE COMPRESSORS | PRO SERIES

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Azienda certificata
ISO 9001:2015

