

**ROTAIR**



SPECIFIC  
EUROPE

GOMMAIR | MOVN | MDVS | VRK | TVR | VRH

**STAGE**

**V**

**PORTABLE  
COMPRESSORS**

**PRO  
SERIES**



Reducing Emissions

**NOW!**

delivering  
WORLD-CLASS Compressors





# GOMMAIR



**INDUSTRY LEADING COMPACT,  
SQUARE DESIGN**

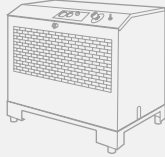
**SMALL FOOTPRINT, NO WHEELS**

**ELECTRO-GALVANIZED  
BODYWORK AND STRUCTURE WITH  
ADVANCED PAINTING PROCEDURE  
TO GRANT AN EXCELLENT  
PRESERVATION THROUGH TIME.**

**EASY SERVICE DESIGN FOR  
MAXIMUM ACCESSIBILITY FOR  
EASE OF MAINTENANCE.**

- › Quiet and efficient Yanmar Stage V engine.
- › Pressurized oil circuit to ensure efficient oil lubrication.
- › Air/oil separator filter, can guarantee an excellent air/oil separation.
- › Palletized, can be handled with forklift from all sides.
- › 1 compressor oil filter.
- › 1 single stage air filter for the compressor part of large size to ensure efficient filtering of air suctioned by the screw unit.
- › Spin-on engine and compressor oil filters for faster and easier maintenance.
- › 1 double stage air filter for the engine.
- › Protective device for engine cold start.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling..





# GOMMAIR

L = 1015 mm / 40.0"  
W = 705 mm / 27.7"  
H = 980 mm / 38.5"

315 kg / 694 lbs

## COMPRESSOR

Operating pressure	<b>7 bar</b> <b>102 psi</b>	<b>11 bar</b> <b>160 psi</b>	<b>13 bar</b> <b>185 psi</b>
Free Air Delivery	<b>1100 lt/min</b> <b>39 cfm</b>	<b>930 lt/min</b> <b>33 cfm</b>	<b>800 lt/min</b> <b>28 cfm</b>

## DIESEL ENGINE

Engine make	<b>YANMAR</b>
Engine type	<b>2TNV70</b>
Emissions	<b>Stage V</b>
Displacement	<b>570 cc</b>
N. cylinders	<b>2</b>
Aspiration	<b>Natural</b>
Max engine power @3600 rpm	<b>10,5 kW - 14,3 CV</b>
Max engine speed	<b>3600 rpm</b>
Min engine speed	<b>2000 rpm</b>
Cooling system	<b>Water</b>
Fuel tank capacity	<b>13 lt - 2.86 UK gal</b>
Consumes	<b>3,3 lt/h @100% - 2 lt/h @60%</b> <b>0.73 UK gal @100% - 0.44 UK gal @60%</b>

## QUALITY OF AIR

Oil in air	<b>1-3 PPM</b>
Compressed air temperature	<b>Ambient +40°C   +72°F</b>

## ENVIRONMENTAL CONDITIONS

Max altitude	<b>1800 m a.s.l.</b>
Min/Max working temperature	<b>-10°C / +50°C   14°F / 122°F</b>



# 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.

### AXLE

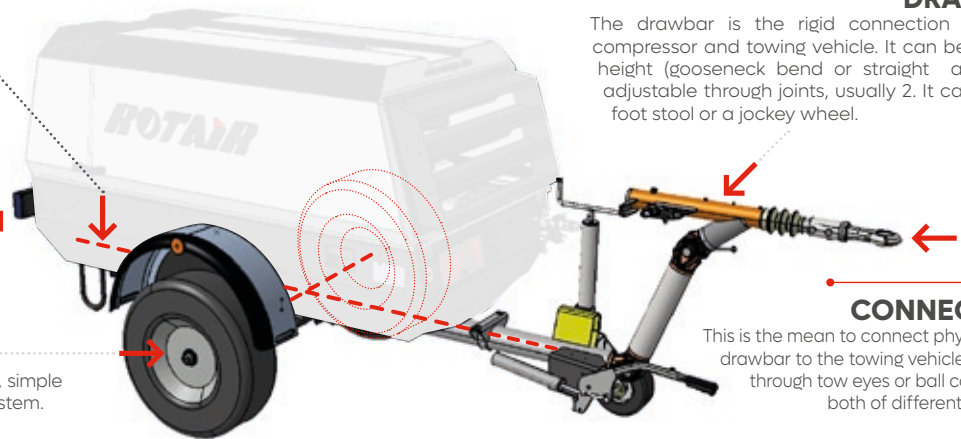
The part connecting compressor to the ground, includes suspension system, wheels and all related parts. Suspensions can be assured with springs (sprung axle) or leaf springs (leaf spring axle). Wheels are of different size, to match the weight of the machine and according to the type of towing.

### 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.

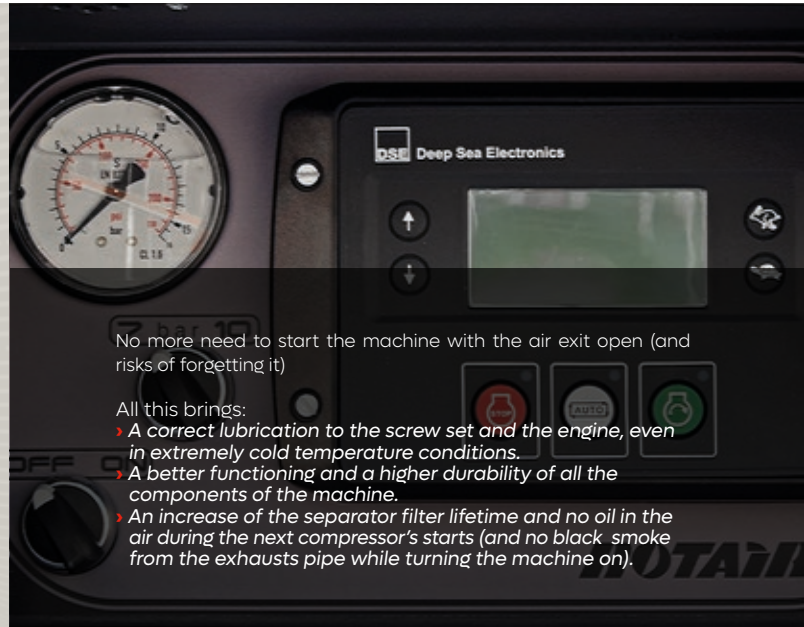
# FEATURED HIGHLIGHTS

## EXCLUSIVE ROTAIR INTELLIGENT SYSTEM

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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.

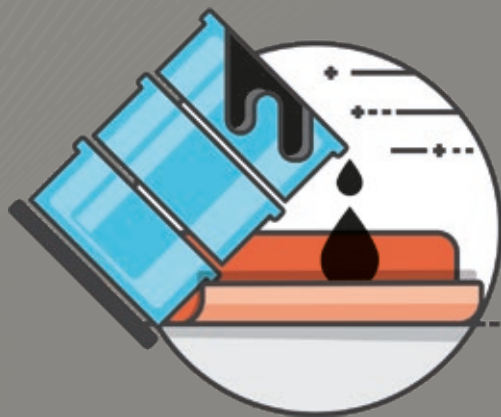
THE SAME IN TURNING OFF THE MACHINE AFTER A DEPRESSURISATION PHASE OF THE HYDRAULIC CIRCUIT, NO HAMMERING OF THE AIREND DUE TO ITS INERTIAL MOVEMENT, BUT A GRADUAL TURN-OFF.



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

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

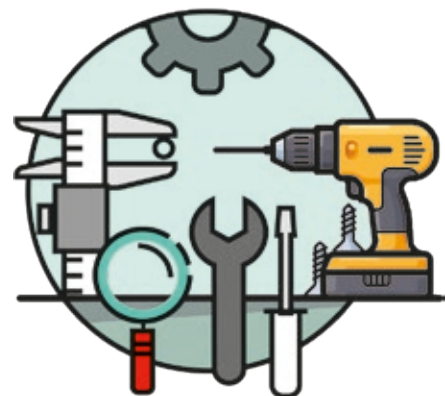
Removable yet solidly fixable to the compressor, it is the ultimate option where anti-spill is mandatorily required.

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

## EASY MAINTENANCE

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FULL ACCESSIBILITY  
FOR EASY AND RAPID  
MAINTENANCE AND  
SERVICE

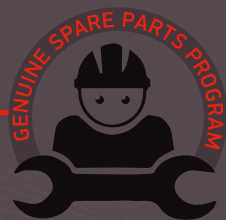


# STAGE V

PORTABLE COMPRESSORS | PRO SERIES

**WARRANTY  
DURATION  
RELIABILITY**

are assured with  
THE EXCLUSIVE USE  
of original spare parts





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**ROT*Ai*R**<sup>®</sup>  
Delivering **WORLD CLASS** Compressors

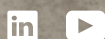
# STAGE V

**PORTABLE COMPRESSORS** | **PRO SERIES**

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Azienda certificata  
**ISO 9001:2015**

