



N. 02 // 20



CE

**ROTAIR®**

**SPECIAL**



**FIBRE»OPTIC** PROGRAM

**VRK**

**FIBRA»FIBRA PLUS**

SPECIAL  
**FIBRE»**  
OPTIC



CONCEIVED FOR  
FIBRE-OPTIC  
CABLE LAYING



With  
**INTEGRATED COOLING**  
and **DRYING SYSTEMS**



# VRK FIBRA

# VRK FIBRA PLUS

*specifically designed  
to meet the needs  
of fibre optic cable  
blowing professionals*

FROM MOTORWAYS  
TO DIGITAL HIGHWAYS,  
**COMPRESSED AIR**  
HAS ALWAYS PLAYED  
A LEADING ROLE  
**IN BUILDING  
THE NEXT FUTURE**

ROTAIR, since 1961, designed and manufactured world-class compressors for all requirements of compressed air. The right machine for each specific need of high quality compressed air.

## HIGH QUALITY COMPRESSED AIR



**COMPACT DESIGN, EXTREMELY  
MANEUVERABLE AND EASY ACCESS  
FOR MAINTENANCE.  
ALL FILTERS READILY ACCESSIBLE.**

- › All moving parts are inaccessible, according to the most stringent safety norms
- › Cooling ventilator shielded & inaccessible
- › Muffler under the machine, less noise and avoids risks of accidental burns
- › Cooling fan on engine axle
- › Easy access for maintenance
- › Easy to lift & transport
- › Lifting eye for crane
- › Solid-type wheels





# FOR FIBRE OPTIC CABLE BLOWING

# VRK

**FIBRA**  
**FIBRA PLUS**

## INTEGRATED COOLING AND DRYING SYSTEM

**ONE SINGLE, COMPACT,  
EASY TO TRANSPORT  
AND MANEUVERABLE MACHINE,  
IMMEDIATELY READY TO WORK.**

- › Double-stage air/oil separation
- › Lowest oil in air for this category:  
1-3 PPM!
- › Air cooling and drying integrated  
in the unit
- › System for proportional acceleration  
at air demand:
  - Less noise and consumption
  - Power all declinated to air flow
- › Easy handling & maintenance
- › Petrol tank in sight & extractable  
for practical refuelling
- › All filters are spin-on /  
bayonet-type, for faster change



- › Intuitive starter
- › Integrated hours counter
- › Manometer
- › Thermostat with safety arrest @ high  
temperatures
- › Start/Stop @ low pressures:
  - Automatically activated when starting  
the machine
  - Brings machine to 2 bar
  - Prevents separator filter to collapse due  
to the difference of pressure
  - Longer life of machine and components
  - Avoids oil in line
  - Better start in cold temperatures.



# VRK FIBRA



weight

**250 kg**  
**551 lbs**

Oversized single cooler for extra cooling of air.

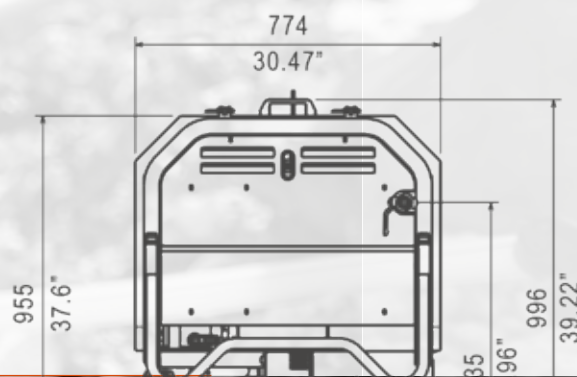
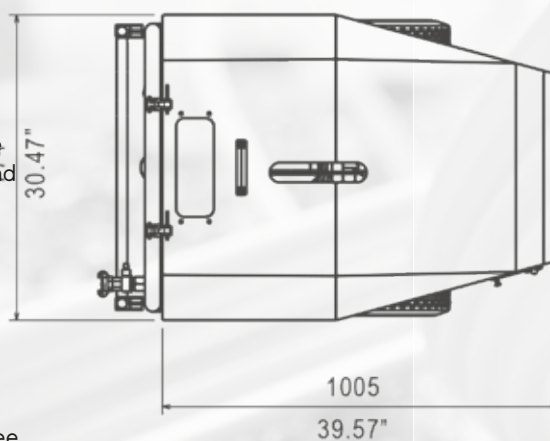
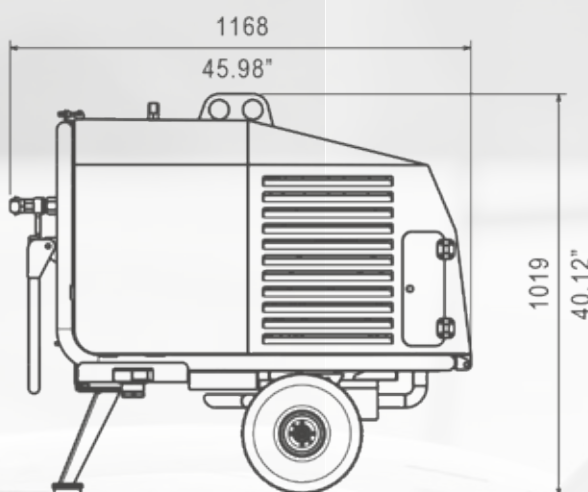
Condensates separator.

Compressed air temperature:

**Ambient +20°C // Ambient +36°F**

## INTEGRATED COOLING and **DRYING SYSTEMS**

- › High performance asymmetric-profile airtend with safety thermostatic arrest in case of overheat.
- › High efficiency trapezoidal belt-drive, over-dimensioned to ensure transmission with less maintenance.
- › Pneumatic control system, ROTAIR production, to automatically adjust engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption savings.
- › Automatic depressurization at the end of the work cycle.
- › Separator tank with double air/oil separation-internal filter and external spin-on: oil carry-over  $\leq 1$  PPM.
- › Air/oil separator filter, highly oversized, to guarantee an excellent air/oil separation.
- › Compressor air filter and engine air filter are separated.
- › Single stage oversized air filter for compression circuit, to guarantee good filtering of the air intaken by airtend.
- › Cooler dimensioned to ensure optimal compressor oil cooling in high ambient temperatures (max 45°C)







## COMPRESSOR

Max operating pressure	15 bar - 218 psi
Free Air Delivery	1000 l/min - 35 cfm
Minimum working pressure	5,5 bar - 80 psi
Drive system engine-aiend	Belt-drive XPZ overdimensioned
Compressor cooling system	Air / Oil
Oil cooling capacity	5 lt - 1.33 UK gal
Outlet valves	1 x 3/4"
Noise level EECno 2000/14	≤ 97 LWA
Battery capacity	12V cc - 330A-45Ah (EN)
Fuel tank capacity	15 lt - 3,3 UK gal
Consumes (average engine man.data)	6,7 lt/h - 1,47 UK gal/h

## PETROL ENGINE

Engine make	HONDA
Engine type	GX690
Engine system	4 strokes
Displacement	690 cc
N. cylinders	2
Aspiration	Natural
Max engine power @3600 RPM	16.5 kW - 22.5 HP
Max engine speed	3400 RPM
Min engine speed	2000 RPM
Cooling system	Air
Lubrication system	Oil
Lubrication system capacity	1,9 lt - 0.42 UK gal

## QUALITY OF AIR

Oil in air	1-3 PPM
Compressed air temperature	Ambient +20°C Ambient +36°F

## ENVIRONMENTAL CONDITIONS

Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F
Max ambient temperature	+46°C / 115°F

powerful › compact

# PORTABLE COMPRESSORS FIBRA

QUALITY  
COMPRESSED AIR  
FOR FIBRE OPTIC  
CABLE BLOWING

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



THE RESPECT OF ORDINARY  
MAINTENANCE INTERVALS AND  
THE USE OF GENUINE SPARE  
PARTS ENSURE CONSTANT  
AND OPTIMAL PERFORMANCES AND A  
RELIABLE DURABILITY THROUGH TIME.



# VRK

## FIBRA PLUS



**260 kg**  
**573 lbs**

Separated second cooler and fan, for extreme cool air output

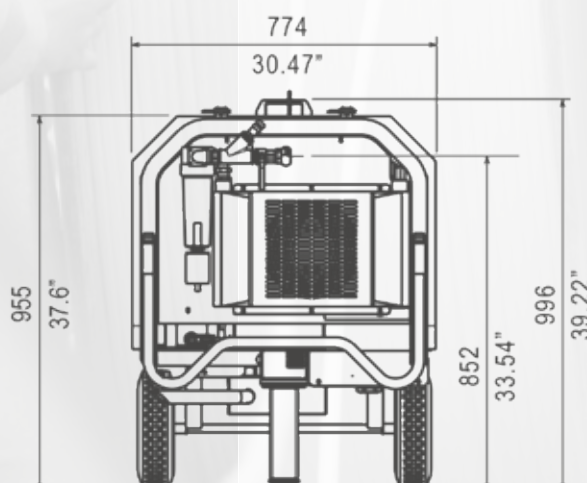
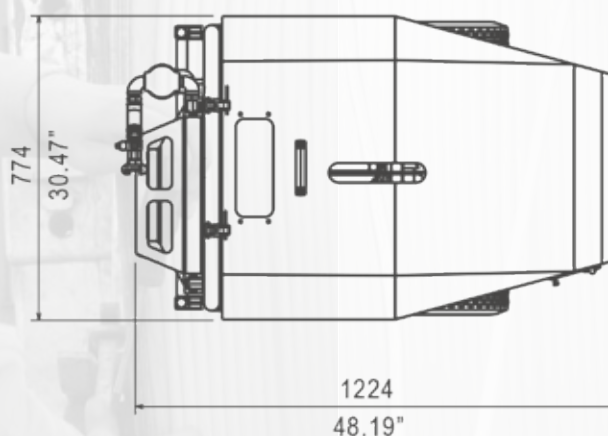
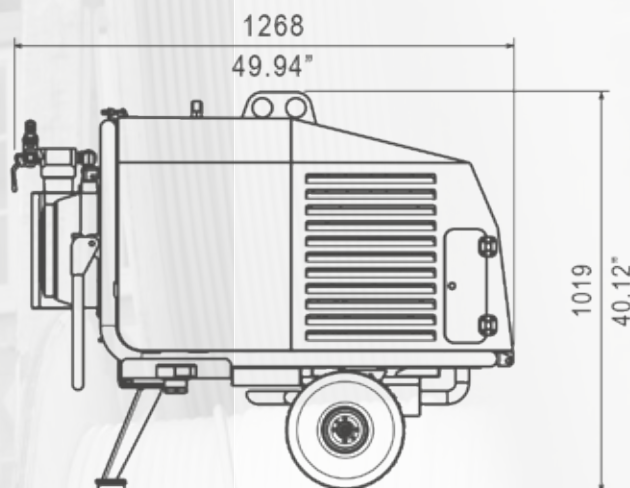
Condensates separator.

Compressed air temperature:

**Ambient +0°C / +2°C // Ambient +0°F / +3,6°F**

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# EXTRA COOL



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## ROTAIR®

VIA BERNEZZO, 67  
12023 • CARAGLIO (CN) • ITALY



Tel: +39 0171.619676  
Fax: +39 0171.619677



[www.rotairspa.com](http://www.rotairspa.com)  
[info@rotairspa.com](mailto:info@rotairspa.com)

Azienda certificata  
ISO 9001:2015

