

ROTAIR®



Worldwide
VERSION

supersilent ›

VRK

powerful › compact

16 › 22



COMPRESSOR

Working pressure **7bar, 11 bar, 13 bar**

Working pressure **102psi, 160 psi, 188 psi**

Minimum working pressure **5,5 bar - 80 psi**

Drive system engine-airend **XPZ**

Compressor cooling system **Air / Oil**

Oil cooling capacity **5 L**

Air outlet temperature **20° C**

Outlet valves **1 x 3/4 "**

Noise level EECno 2000/14 **<97 LWA**

Battery capacity **12V-330A-45Ah**

Fuel tank capacity **15 L**

PETROL ENGINE

Engine make **HONDA**

Engine type **GX630 ; GX690**

Engine system **4 - Strokes**

Emissions **Stage V**

Displacement **690 cm3**

N. cylinders **2**

Aspiration **Natural**

Max engine power @3600 RPM **15,5-16,5 kW**

Max engine speed **3000RPM-3400 RPM**

Min engine speed **2000 RPM**

Cooling system **Air**

Lubrication system **Oil**

Lubrication system capacity **1,9 L**

Min › Max working temperature **-10°C-+50°C**

Max Altitude **1800 m a.s.l**

- › Compact design, extremely maneuverable and easy access for maintenance.
- › All filters readily accessible.
- › All filters (except air filter) are spin-on type, for easier maintenance.
- › All moving parts are inaccessible, according to the most stringent safety norms.
- › Easy to transport and to load.
- › Lifting eye for crane use.

- › Muffler under the machine, less noise and avoids risks of accidental burns.
- › Cooling ventilator shielded and inaccessible.
- › Cooling fan on the engine axle.
- › Intuitive starter / Integrated hours counter / Manometer.
- › Thermostat with safety arrest at high temperatures.
- › Encapsulated airend with ROTAIR design profile, max efficiency and operational safety.
- › High efficiency trapezoidal belt-drive, easy to supply and over-dimensioned to ensure transmission with less maintenance.

Technical Data

dimensions >

L = 1125 mm / 44.29"

W = 775 mm / 30.5"

H = 1015 mm / 39.94"

weight >

230 kg / 507 lbs

VRK 16»22



NEW!

VRK 16 AE			VRK 20 AE			VRK 22 AE (only EXTRA CEE)		
6 bar 87 psi	11 bar 160 psi	13 bar 188 psi	6 bar 87 psi	11 bar 160 psi	13 bar 188 psi	6 bar 87 psi	11 bar 160 psi	13 bar 188 psi
1600 l/min 57 cfm	1100 l/min 39 cfm	950 l/min 34 cfm	1900 l/min 67 cfm	1250 l/min 44 cfm	1100 l/min 39 cfm	2150 l/min 76 cfm	1500 l/min 53 cfm	1200 l/min 42 cfm
5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi	5,5 bar 80 psi

Belt-drive XPZ oversized

Air / Oil

5 lt / 1.1 UK gal



20°C / 68°F + ambient temperature

1 x 3/4"

< 97 LWA

12V cc - 330A-45Ah (EN)

15 lt / 3.3 UK gal

VRK 16 AE 		VRK 20 AE 		VRK 22 AE (only EXTRA CEE)	
HONDA					
GX 630		GX 690			
4 strokes		4 strokes			
Stage V		Stage V		Stage V	
690 cc		690 cc			
2		2			
Natural		Natural			
15.5 kW-20.8 HP		16.5 kW-22.5 HP			
3000 RPM		3000 RPM		3400 RPM	
2000 RPM		2000 RPM			
Air		Air			
Oil		Oil			
1,9 lt / 0.42 UK gal		1,9 lt / 0.42 UK gal			
-10°C › +50°C / 14°F › 122° F					
1800 m a.s.l.					

- › 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.
- › Encapsulated separator tank with double separation-internal filter and external spin-on: oil carry-over 1-3 PPM
- › Air/oil separator filter, highly oversized, to guarantee an excellent air/oil separation.
- › Compressor oil filter and engine oil filter are separated.
- › Single stage oversized air filter for compressor part, to guarantee good filtering of the air intaken by airoend.

