

ROTAIR®

supersilent ›

VRK

powerful › compact

16 › 20



- › 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.
- › 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

WYMIARY >

L = 1125 mm / 44.29"

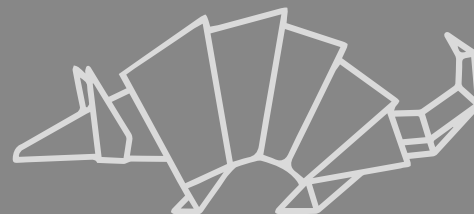
W = 775 mm / 30.5"

H = 1015 mm / 39.94"

WAGA >

230 kg / 507 lbs

VRK 16 > 20



COMPRESSOR	VRK 16			VRK 20		
Working pressure	7 bar 101 psi	10 bar 145 psi	13 bar 188 psi	7 bar 101 psi	10 bar 145 psi	13 bar 188 psi
Free air delivery	1400 lt/min 49 cfm	1150 lt/min 41 cfm	950 lt/min 34 cfm	1700 lt/min 60 cfm	1400 lt/min 49 cfm	1100 lt/min 39 cfm
Minimum working pressure	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
Drive system engine-aiarend	Belt-drive XPZ overdimensioned					
Compressor cooling system	Air / Oil					
Oil cooling capacity	5 lt / 1.1 UK gal					
Air outlet temperature	40°C / 68°F + ambient temperature					
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					
PETROL ENGINE	VRK 16			VRK 20		
Engine make	HONDA					
Engine type	GX 630			GX 690		
Engine system	4 strokes			4 strokes		
Emissions	Stage V			Stage V		
Displacement	690 cc			690 cc		
N. cylinders	2			2		
Aspiration	Natural			Natural		
Max engine power @3600 RPM	15.5 kW-20.8 HP			16.5 kW-22.5 HP		
Max engine speed	3000 RPM			3000 RPM		
Min engine speed	2000 RPM			2000 RPM		
Cooling system	Air			Air		
Lubrication system	Oil			Oil		
Lubrication system capacity	1,9 lt / 0.42 UK gal			1,9 lt / 0.42 UK gal		
Min › Max working temperature	-10°C › +50°C / 14°F › 122° F					
Max Altitude	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 aiarend.

