

ROTAIR®

supersilent ›

DS

powerful › compact

53K



- › Industry leading compact, box-type design.
- › Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- › One-Side Service design with Spin-on oil and separator filters for ease of maintenance
- › Curbside mounted control panel, adjacent air valves and fluid drains for convenient operation and maximum operator safety.

- › Steel fuel tank, resists cracks, splitting and deformation.
- › Quiet and efficient Kubota Stage 3A engine, without costly DPF System.
- › Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption saving.
- › Start/Stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- › Lifting hook for crane handling.
- › Palletized, can be handled with forklift from all sides

Technical Data

dimensions >

L = 1730 mm / 68.11"
W = 836 mm / 32.91"
H = 1092,5 mm / 43.01"

weight >

890 kg / 1962 lbs

DS 53K

DO YOU
KNOW



COMPRESSOR

| | |
|---------------------------|--|
| Operating pressure | 7 bar - 102 psi |
| Free air delivery | 5200 lt/min - 185 cfm |
| Minimum working pressure | 5 bar - 73 psi |
| Drive system engine-arend | Direct Drive |
| Compressor cooling system | Air / Oil |
| Oil cooling capacity | 10,7 lt - 2.35 UK gal |
| Air outlet temperature | 40°C - 105°F + Ambient temperature |
| Outlet valves | 2 x 3/4" |
| Battery capacity | 12V cc - 750A-100Ah (EN) |
| Fuel tank capacity | 88 lt - 19.36 UK gal |
| Consumes | 6,7 lt/h - 1.47 UK gal/h (13,15 working hours) |

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

| | |
|-----------------------------|---------------------------------------|
| Engine make | KUBOTA |
| Engine type | V-2403-M-DI |
| Engine system | 4 strokes - Inline - Direct Injection |
| Emissions | Stage III A / Tier 4 Interim |
| Displacement | 2434 cc |
| N. cylinders | 4 |
| Aspiration | Natural |
| Max engine power @2700 RPM | 36,5 kW - 49.0 HP |
| Max engine speed | 2700 RPM |
| Min engine speed | 1600 RPM |
| Cooling system | Water |
| Cooling system capacity | 8 lt - 1.76 UK gal |
| Lubrication system | Oil |
| Lubrication system capacity | 9,5 lt - 2.09 UK gal |
| Max ambient temperature | 50°C - 122°F |
| Max altitude | 1800 m a.s.l. |
| Min working temperature | -10°C / 14°F |

...all our
ranges



also
available
AS...

customized
**SANDBLASTING
VERSION**

**INBUILT ADDITIONAL COOLER AND
SPECIFIC CONDENSATE SEPARATOR**

for cool and dry air

- › Air/oil separator filter, element inside separator tank, can guarantee an excellent air/oil separation.
- › The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- › Spin-on engine and compressor oil filters for faster and easier maintenance.
- › Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. Two-stage air filter for engine part.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.

