

**DS**supersilent ›
53Y

powerful › compact

**PORTABLE
COMPRESSORS****IDEAL EQUIPMENT
FOR HEAVY DUTY
SERVICE
VEHICLES**

- › 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.

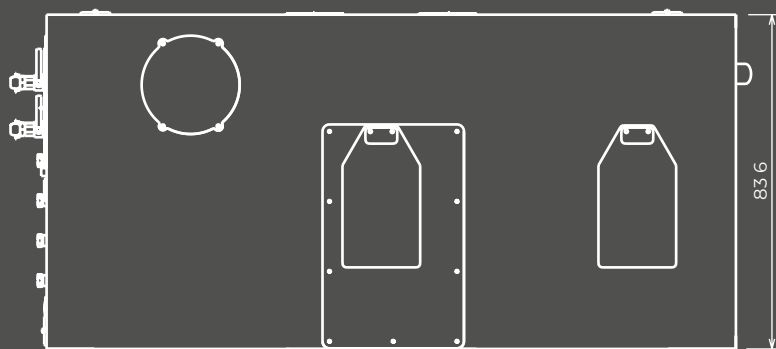
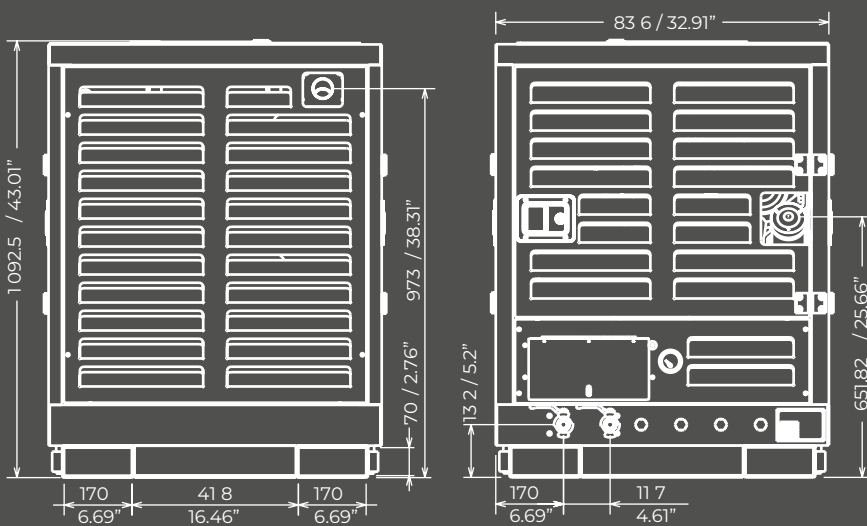
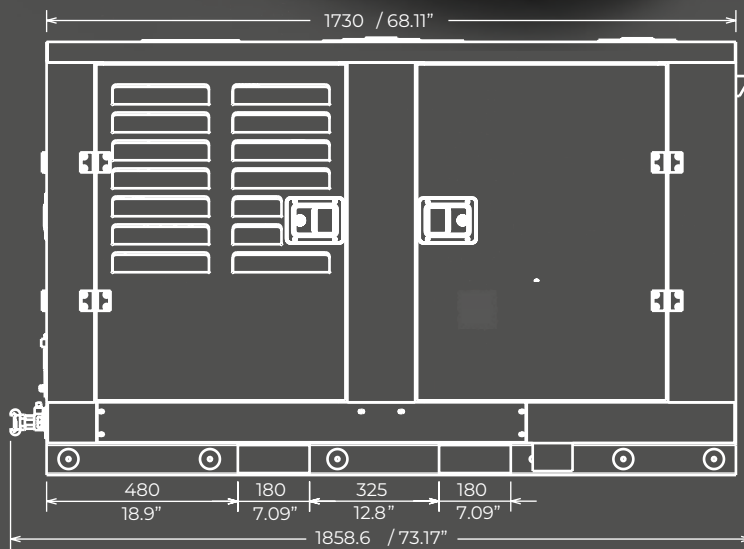
**OPTIONS
AND ACCESSORIES:**

- › Clog indicator for engine air filter
- › Fuel indicator



supersilent ›

DS 53Y



- › 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.
- › Air/oil separator filter, highly oversized, 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 filters for faster and easier maintenance.
- › Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, Two-stage air filter.
- › Two-stage air filter for engine part.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.



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

Technical Data

powerful > compact

PORTABLE COMPRESSORS

•All images and pictures are indicative. Data can be changed without prior notice.



*For versions with different operating pressures or for requests of machines to be used under particular ambient temperature conditions, data have to be previously asked to our technical dept.

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-airend	Direct Drive
Compressor cooling system	Air / Oil
Oil cooling capacity	9 lt - 2.38 gal
Air outlet temperature	40°C - 105°F + Ambient temperature
Outlet valves	2 x 3/4"
Battery capacity	12V cc - 640A-80Ah
Fuel tank capacity	85 lt - 22,45 gal.
Consumes	6,7 lt/h - 1.77 gal/h (12,75 working hours)

DIESEL ENGINE

Engine make	YANMAR
Engine type	4TNV88
Engine system	4 strokes - Inline - Direct Injection
Displacement	2190 cc
N. cylinders	4
Aspiration	Natural
Max engine power @3000 RPM	35,4 kW - 48.1 HP
Max engine speed	3000 RPM
Min engine speed	1500 RPM
Cooling system	Water
Cooling system capacity	8 lt - 2.11 gal
Lubrication system	Oil
Lubrication system capacity	7 lt - 1.85 gal

ENVIRONMENTAL CONDITIONS - (Standard Version*)

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



powerful > compact

PORTABLE COMPRESSORS

DS 53Y | 06.2020-Rev.01

ROTAIR TECHNOLOGY AND
ENGINEERING SOLUTIONS

Via Bernezzo, 67 - 12023 Caraglio (Cn) - ITALY
Tel: +39 0171.619676 / Fax: +39 0171.619677
www.rotairspa.com | info@rotairspa.com



Azienda
certificata
ISO
9001:2008

ISO 9001
BUREAU VERITAS
Certification

