

# VS 22 LOW



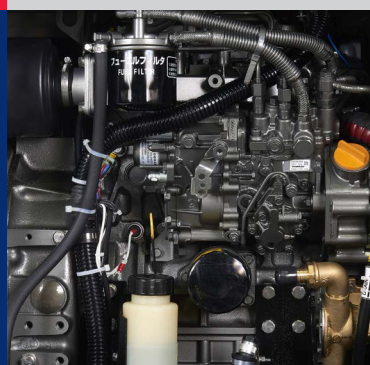
**variable  
speed**



Control panel



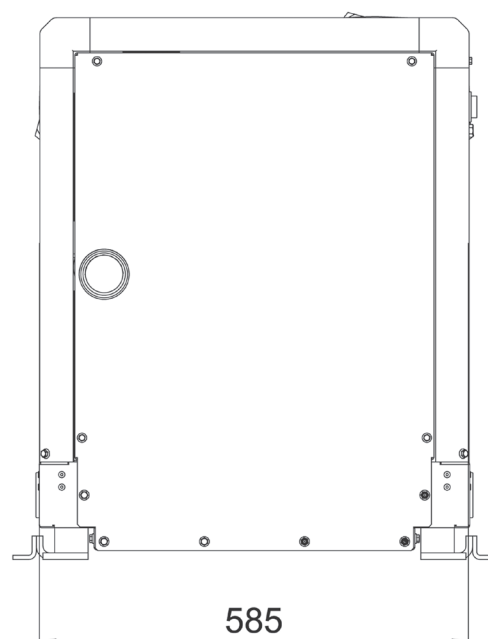
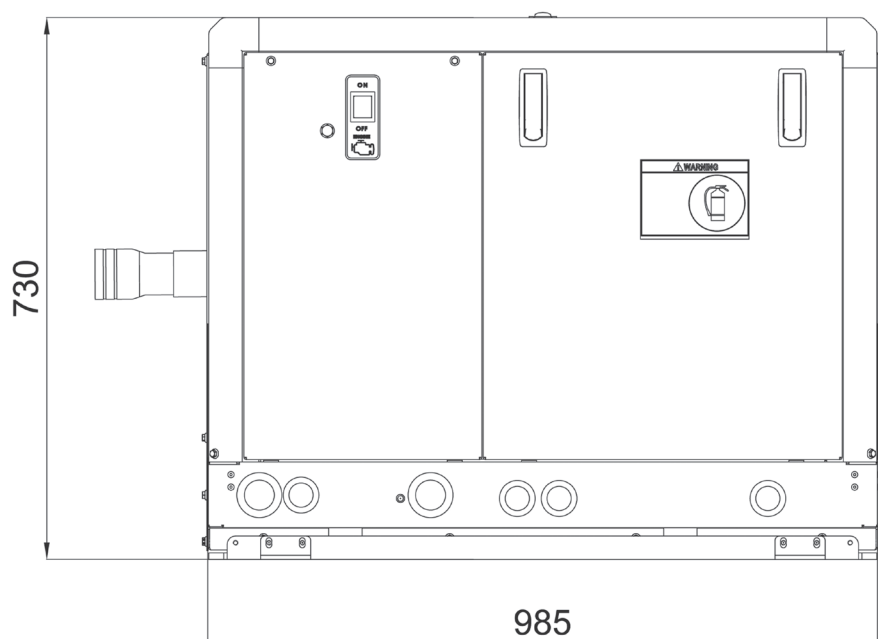
1500-2000 RPM Yanmar engine



Input/Output fuel pipe



Unit of measure: mm



We reserve the right to change data, images and drawings without notice.  
For more information, you may contact your local dealer or Mase Generators S.p.A.

**Mase Generators spa**

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**mase**  
**GENERATORS**  
Believing in change.

**Description**

- Marine power generator
- 1500-2000 RPM Diesel engine
- Silenced version

**AC generator  
50/60Hz**

- Type: Permanent magnet (PMG)
- Cooling: Air/water (Intercooler W/A)
- Continuous power: 20 kW
- Voltage (V): 230 / 240
- Power factor:  $\cos \phi$  1
- Voltage stability:  $\pm 1\%$
- Frequency stability:  $\pm 1\%$

**1500-2000 RPM  
Diesel engine**

- Type: Yanmar 4TNV88 - 4 cyl. - 29,4 hp - 2190 cm<sup>3</sup>
- Starting system: electric (12Vdc)
- Easy access in case of maintenance of feeding system, lubrication system, sea/water pump and air filter
- Safety stop in case of low oil pressure
- Safety stop in case high engine temperature or exhaust gas temperature
- Oil filter and fuel filter easy to replace
- Quick access to seawater pump

**Standard Features**

- Controller with digital display for full monitoring of generator parameters: manual start, Vac voltage, frequency Hz, engine rpm, hourmeter, genset battery voltage, engine oil pressure, low oil pressure alarm, engine temperature, engine pre-heating, high engine temperature warning and shutdown alarm, high alternator temperature warning and shutdown alarm, alarms history, maintenance warning
- Emergency stop button
- Thermal protection

**Accessories  
on request**

- Siphon break
- Filter kit
- Exhaust kit
- Separator and exhaust advice
- Remote START/STOP panel (20 mt cable)
- Remote start panel with display (20 mt cable)
- Insulated two poles kit

**Noise level**

- 50 dBA @ 7mt

**Other features**

- Insulation Class: H
- Ambient temperature: 40 °C (\*)
- Altitude: 1000 mt (\*)
- Mechanical Protection: IP 23
- Dimensions (L x W x H): 985 x 585 x 730 mm
- Dry weight: 410 Kg
- Max. inclination: 30°
- Water pump flow (l/min): 25
- Cooling system: intercooler system heat exchanger (sea water/air) that provides the optimal temperature for the best performance and reliability of the gensets despite the on board allocation and the roomtemperature
- Soundproof cabin made of extremely light marine aluminum with very high resistance to external agents

(\*) - For altitude and temperature values other than those listed above, please consult the manufacturer to verify the available power.