

MW 5/180 I-D/AE-Y



stage **5V**

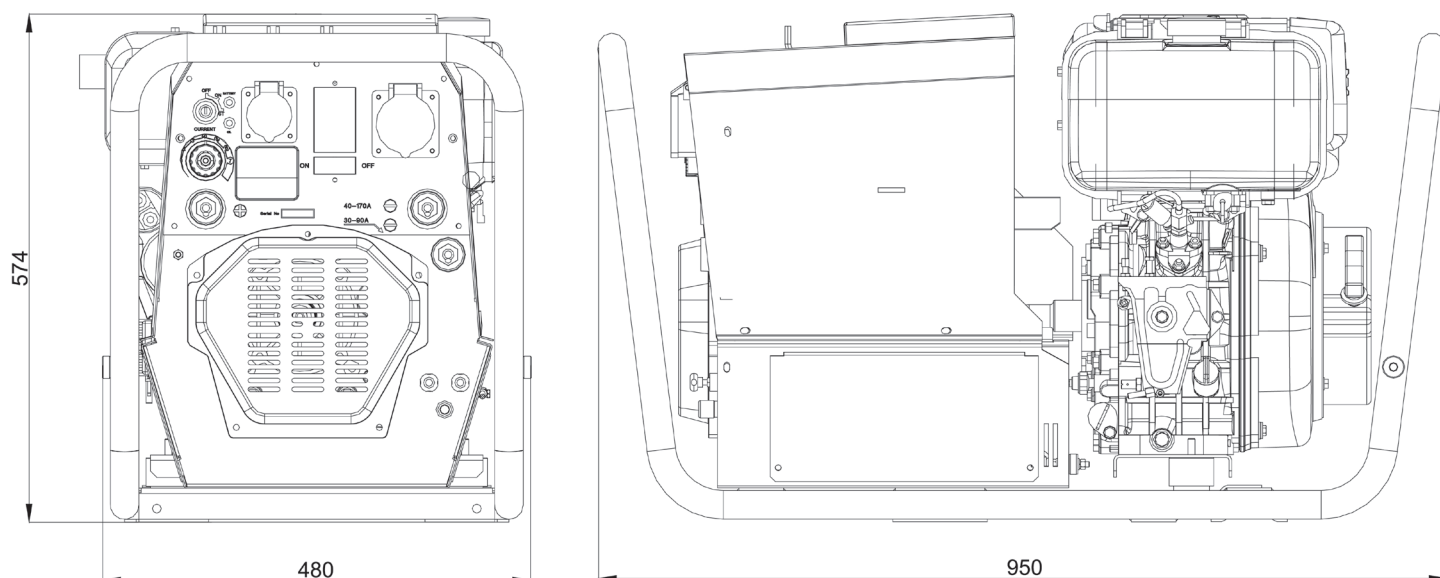
Control Panel

48V Power Source

Yanmar Engine



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

- Portable engine driven welder/generator
- Delivers 170 A of DC weld output
- Three-phase and single-phase auxiliary power available
- Diesel engine 3000 rpm

Standard Features

- Processes: SMAW (stick)
- Warning lights for:
 - battery charger failure
 - low oil pressure
 - 12V battery
 - Earth Leakage Circuit Breaker
- Power output protection
- 1 x 16A 400V three-phase EEC socket
- 1 x 16A 230V single-phase EEC socket
- 48V output
- Voltmeter

Options

- Version with different voltages
- 60Hz version
- Hourmeter

Accessories on request

- Trolley: two-wheels and handles
- Welding cables Ø 25 mm² (5+3 mt) with accessories

Noise level

- Lwa 99 (74 dB at 7 mt)

DC welding

- Current regulation: electromechanical
- Duty Cycle @ 35%: 170A - 27V
- Duty Cycle @ 40%: 180A - 20V
- Duty Cycle @ 60%: 140A - 26 V
- Stepless control (CC mode): 40A - 170A
- Open Circuit Voltage: 90V
- Max welding rod: 4 mm

AC generator - 50Hz

- Type: asynchronous, self-excited and self-protected
- Three-phase power (stand-by): 5kVA - 400V
- Three-phase power (prime): 4,5kVA - 400V
- Single-phase power (max.): 4kVA - 230V
- Single-phase power (max.): 1,5kVA - 48V
- Power Factor: cos ϕ 0,8

**Diesel Engine
3000 rpm**

- Type: Yanmar L100V - STAGE V - 1 cyl. - 435 cm³
- Max power: 8,4 HP (6,3 kWm)
- Starting system: electric (12Vdc)
- Cooling system: air
- Fuel tank capacity: 30 lt
- Fuel consumption @ 75%: 1,5 lt/h

Other features

- Insulation Class: H
- Ambient temperature: 40 °C (*)
- Altitude: 1000 m (*)
- Mechanical Protection: IP 23
- Dimensions (L x W x H): 950 x 480 x 574 mm
- Dry weight: 148 kg

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