



# MPV 44

Max. Output 44 kVA



**Engine DEUTZ BF4M 2011**

Type	Diesel, 4 Stroke
Cooling	Oil
Cylinders	4
Displacement (c.c.)	3108
Engine output (hp)	54,7
RPM	1500
Injection system	Direct
Governor	Mechanical
Lubrication system	Forced
Oil sump capacity (lt)	10
Stop system	Solenoid
Fuel consumption (g/hp/h)	219
Fuel tank capacity (lt.)	50
Autonomy 3/4 load (h)	8,9
Starter battery (Ah-V)	80 -12
Battery charger (Ah-V)	30 -12
Starter motor (kW-V)	1,4 / 12

**Generator**

Type	Synchronous, 4 poles selfexcited
Regulation	Electronic
Voltage (V)	400 / 230
Frequency (Hz)	50
<b>3-Phase Output</b>	400 V
Max. output	44 kVA
Cont.output	40 kVA
Power factor (cos φ)	0,8
Insulation class	H
Power factor (cos φ)	1
Voltage stability	±2%
Frequency stability	± 5%

### Soundproof cabin

With a frame and openable hoods made of steel panels.

### Engine

- Easy access in case of maintenance to the feeding system, the lubrication and the air filter.
- Safety stop in case of low oil pressure.
- Safety stop in case of high water temperature.
- Oil and fuel filters of easy access.
- Oil cooled with radiator.

### Manual operated control panel

The **mase** manual starting control panel has been designed and built to combine all the control instruments and warning lights both for the engine and the generator.

The sheet steel made panel is painted and proofed against the rain. The main equipments included on the control panel are the following:

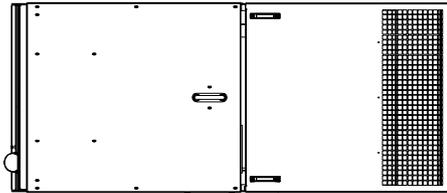
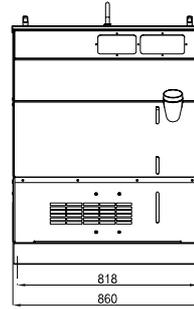
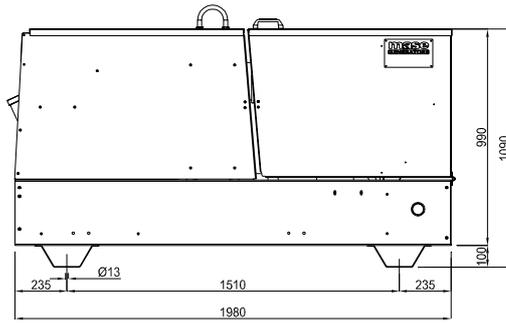
- Ammeter; • Voltmeter ; • 4-pole circuit breaker and earth fault device;
- Three-poles Magnetothermal switch 16A Single - pole magnetothermal switch 16A - • Electronic device for automatic shut-down of the engine in case of HWT and LOP; • Emergency stop button; • Starting key;
- Warning light for: high cooling water temperature, low oil pressure, Hour meter;
- Socket 63A 400V 3P+N+G; • Socket 16A 400V 3P+G;
- N°2 Socket 2P+G 230V 16A.

### Generator

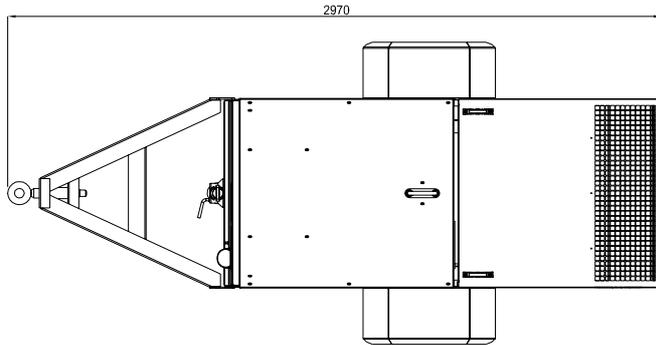
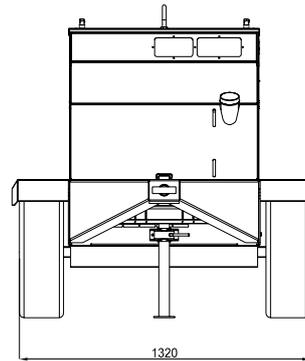
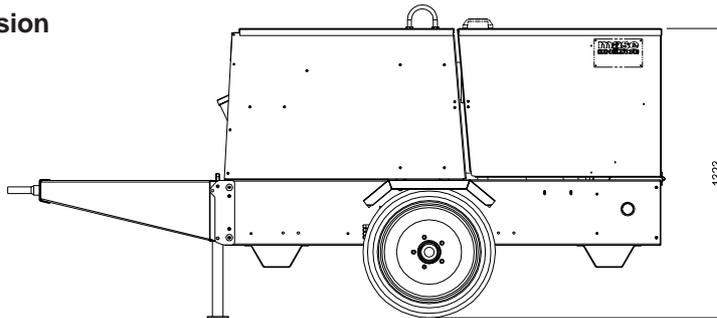
- Synchronous, 4 poles, self-excited, with AVR
- Rotor and stator epoxy resin coated against external agents.
- Rotor dynamically balanced.
- Insulation class H.

# MPV 44

## BA version



## TM version



MPV 44 BA		
length	mm	2002
width	mm	860
height	mm	1090
weight	kg	915

MPV 44 TM		
length	mm	2986
width	mm	1320
height	mm	1303
weight	kg	995

Noise level 95Lwa (70dBA at 7m)

## OPTIONALS

2 WHEELS SITE TOW  
HANDLES AND WHEELS

*This drawing is only a reference and is not indicatly for the installation. For more information, you may contact your local dealer or mase generators S.p.A..*

**mase generators S.p.A. reserves the right to change the design or specifications without notice and without any obligations or liability whatsoever. For more information, you may contact your local mase dealer.**

Dealer: