

# GenSet



## MPM 40/700 DUAL SS-P



**GEN SET S.p.a.**

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## MPM 40/700 DUAL SS-P

ENGINE DRIVEN WELDER/GENERATOR / TWO WELDING UNITS 2 X 350A/  
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE /  
SUPER SILENCED MODEL / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<b>Processes: SMAW (stick)/TIG Lift Arc/Mig</b> + Two stand-alone 400A DC welding stations: - TIG LIFT ARC welding - MIG welding - Low-High amps switch for a more accurate arc control 30A - 200A / 30A - 400A - Arc Force Control with changeover switch basic/cellulosic welding rods - Remote control socket - Weld Voltmeter and Ammeter - 1x48V - 50Hz, 5kVA outlet + circuit breaker + DAS, auto engine protection shutdown system with warning lights in case of: battery charger failure, low fuel level, low oil pressure, high coolant temperature, engine overspeed + 12V built-in battery with electric start	
	+ Engine hourmeter / Voltmeter / Ammeter + Fuel level gauge + 1 x 63 A 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 1 x 32 A 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 2 x 16 A 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers + 1 x 32A 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + Central lifting eye + Fork-lift pockets	
<b>Gen Set Options</b> (available as factory options)	+ Version with different voltages + Spark arrester muffler + 60Hz version	+ Built-in polarity reversing switch
<b>Accessories on Request</b>	+ Four-wheels site tow undercarriage (GRT4W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX)	+ Reverse polarity switch kit + Welding cables Ø 50 mm <sup>2</sup> (20+15 m) with accessories + MIG wire feeder
<b>Noise Level</b>	+ Lwa 94 (69 dB a 7 m)	
<b>DC Welding</b>	+ Duty Cycle @ 35%: 400 A - 36 V + Duty Cycle @ 60%: 350 A - 34 V + Stepless control (CC mode): 30 A - 400 A	+ Stepless control (CV mode): 10 V - 40 V + Open Circuit Voltage 70 V + Max welding rod 6 mm
<b>Dual Weld Mode</b>	+ Max. Output 350 A + 350 A	
<b>AC Generator 50 Hz</b>	+ Type: synchronous + Three-phase power: 40 kVA - 400 V	+ Single-phase power: 13 kVA - 230 V + Power Factor: cos φ 0,8
<b>Diesel Engine 1500 rpm</b>	+ Type: Perkins 1103 - 33TG - turbocharged - 3 cyl.- 63,2 HP (46,5 kWm) - 3300 cm <sup>3</sup> + Fuel: diesel + Cooling system: water	+ Starting system: electric + Fuel tank capacity: 126 l + Fuel consumption @ 75%: 8 l/h
<b>Other Features</b>	+ Insulation Class: H + Ambient temperature: 40 °C + Altitude: 1000 mt	+ Mechanical Protection: IP 23 + Dimensions (L x W x H): 2405 x 1020 x 1711 mm + Dry weight: 1560 kg

Generator set in designed to operate in ambient temperatures up to 40 °C and 1000 mt altitude - For higher values of temperatures and altitudes please consult factory to check available power.