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WELDER GENERATORS



WHY CHOOSE GENSET?

Founded in 1974, GenSet SpA is one of the largest manufacturers of engine driven welder-generators in the world. The production facilities are located near Pavia, Italy and cover an area of more than 35,000 square metres.

Research and development are the core elements of design excellence and GenSet constructs all the components required for the manufacture of its machines – thereby completing the entire production cycle in-house.

Quality System Certification standards are implemented throughout GenSet's activities from design to production and each model is thoroughly tested before delivery and comes with a two year warranty as standard.

All GenSet's products are Class H, IP 23, insulated and tested at 40°C ambient temperature at an altitude of 1000 metres.

From the workshop to the worksite GenSet provides the power to weld in all environments.

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GEN-165PH WELD BABY 180 Portable

FEATURES

- 165A welding process SMAW (stick) duty cycle (60% duty cycle @ 165A)
- Lightweight – weighs 33kg
- Welds up 4mm welding rods
- Smooth DC output with excellent arc strike
- Choice of two arc characteristics for cellulosic or low hydrogen welding rods
- 1 x 110V / 16A + 1 x 240V / 16A power DC outlets
- Low oil cut out
- Automatic idle device when no load connected
- Honda engine GX200



SPECIFICATIONS

| | |
|-------------|------------------------------|
| Noise level | 98 LWA |
| DC welding | 45-165 |
| | Duty Cycle @ 60%: 165A – 24V |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 4 mm |

| | |
|--------------|------------------------------------|
| DC generator | Type: PMG alternator |
| | Single-phase power 1kVA – 230VDC |
| | Single-phase power 0.5kVA – 110VDC |

| | |
|--------------------------|--|
| Petrol Engine – 4000 rpm | Type: Honda GX200 – 1 cylinder – 196 cm ³ |
| | Max power: 7.2 HP |
| | Starting system: Recoil |
| | Cooling system: Air |
| | Fuel tank capacity: 3.8 litres |
| | Fuel consumption: 1.82 l/h |
| | 75% Average Operating Hours: 3.1 |

| | |
|------------------------|-------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 510 x 440 x 460mm |
| Dry weight | 35 kg |

PETROL WELDER GENERATOR



MADE IN ITALY
2 TWO YEAR WARRANTY

GEN-180iPH WELD BABY 180-i Portable

FEATURES

- Welding processes: SMAW (stick)
- Low oil level cut out device
- 1 x 16A, 110V AC single-phase EEC socket protected by circuit breaker
- 1 x 16A, 230V AC single-phase EEC socket protected by circuit breaker
- Advanced inverter technology
- Automatic idle device when no load is connected
- Max welding rod 4mm 165A @ 60% duty cycle
- Honda engine GX200



WELDER GENERATORS

SPECIFICATIONS

| | |
|-------------|-----------------------------|
| Noise level | 98 LWA |
| DC welding | Duty Cycle @ 60% 165A – 24V |
| | Output range 40A – 165A |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 4 mm |

| | |
|--------------|--|
| AC generator | Type: PMG by inverter |
| | Single-phase power (Prime Power): 1kVA – 230V AC |
| | Single-phase power (Prime Power): 0.5kVA – 110V AC |
| | Power factor: $\cos \varphi$ 0,8 |

| | |
|--------------------------|--|
| Petrol Engine – 3000 rpm | Type: Honda GX200 OHV – 1 cylinder – 7.2 HP (5.3kWm) – 196 cm ³ |
| | Starting system: Recoil |
| | Cooling system: Air |
| | Fuel tank capacity: 3.8 litres |
| | Fuel consumption: 1.8 l/h |

| | |
|------------------------|-------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 510 x 440 x 460mm |
| Dry weight | 35 kg |

GEN-200DH MPM 5/200 I-EL/H Portable

WELDER GENERATORS

FEATURES

- Welding processes: SMAW (stick)
- Welding with cellulosic electrode
- Stepless current adjustment
- Arc Force Control switch
- Remote control socket
- Low oil level cut out device
- Earth leakage circuit breaker
- Power output protection
- 1 x 16A / 230V single-phase EEC socket
- 1 x 16A / 110V single-phase EEC socket
- Voltmeter
- 3000 RPM
- 200A DC output
- Wheel kit available
- Honda engine GX390



SPECIFICATIONS

| | |
|-------------|--|
| Noise level | 96 LWA (71dB at 7m) |
| DC welding | Current regulation: Electronic |
| | Duty Cycle @ 35%: 200A / 28V |
| | Duty Cycle @ 40%: 200A / 22V |
| | Duty Cycle @ 60%: 150A / 26V |
| | Stepless control (CC mode): 30A / 200A |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 4mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Single-phase power 1.8kVA / 110V |
| | Single-phase power (max.): 3.6kVA – 230V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|--|
| Petrol Engine – 3000 rpm | Type: Honda GX390 – 1 cylinder – 390 cm ³ |
| | Max power: 11 HP (8.7 kWm) |
| | Starting system: Manual |
| | Cooling system: Air |
| | Fuel tank capacity: 6.1 litres |
| | Fuel consumption @ 75%: 3.3 l/h |

| | |
|------------------------|-------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 720 x 480 x 515mm |
| Dry weight | 96 kg |

OPTIONAL ACCESSORIES

| | |
|----------------|--------------------------------|
| GEN-003 | Wheelbarrow Type Trolley |
| GEN-005 | Remote Control Kit – 20m Cable |

DIESEL WELDER GENERATOR



GEN-180DY MPM 5/180 I-D/AE-Y Portable

FEATURES

- Welding processes: SMAW (stick)
- Low oil pressure and battery charger warning lights
- 12V built-in battery with electric start
- 1 x 16A, 230V - 50Hz single-phase EEC socket protected by circuit breaker
- 1 x 16A, 110V - 50Hz single-phase EEC socket protected by circuit breaker
- Voltmeter/Hourmeter
- 3000 RPM
- Wheel kit available
- Yanmar engine L100N



WELDER GENERATORS

SPECIFICATIONS

| | |
|-------------|------------------------------|
| Noise level | 99 LWA (74dB at 7m) |
| DC welding | Duty Cycle @ 35%: 170A – 27V |
| | Duty Cycle @ 60%: 140A – 26V |
| | Output range: 40A – 170A |
| | Open Circuit Voltage: 90V |
| | Max welding rod: 4mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Single-phase power: 4 kVA – 230 V |
| | Single-phase power: 2 kVA – 110 V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|---|
| Diesel Engine – 3000 rpm | Type: Yanmar L100N – 1 cylinder – 8.8 HP (6,47 kWm) 435 cm ³ |
| | Cooling system: Air |
| | Starting system: electric and manual |
| | Fuel tank capacity: 5.5 litres |
| | Fuel consumption @ 75%: 1.7 l/h |

| | |
|------------------------|-------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 920 x 460 x 570mm |
| Dry weight | 148 kg |

OPTIONAL ACCESSORIES

| | |
|----------------|--------------------------|
| GEN-003 | Wheelbarrow Type Trolley |
|----------------|--------------------------|

GEN-300DK MPM 8/300 SS-K CC/CV Static/Super Silent

FEATURES

- Welding processes: SMAW (stick) / Tig
- Arc Force Control switch
- Remote control socket
- Auto engine protection shutdown system with warning lights for:
 - battery charger failure
 - low fuel level
 - low oil pressure
 - high water temperature
- Automatic idle device when no load is connected
- 12V built-in battery with electric start
- Fuel level gauge
- Hourmeter
- Voltmeter
- Earth Leakage Circuit Breaker
- Power output protection
- 1 x 16A 400V three-phase EEC socket
- 1 x 32A 230V single-phase EEC socket
- 1 x 32A 110V single-phase EEC socket
- Engine oil drain pipe
- Central lifting eye
- 3000 RPM
- Kubota engine



SPECIFICATIONS

| | |
|-------------|--|
| Noise level | 94 LWA (69dB at 7m) |
| DC welding | Current regulation: Electronic |
| | Duty Cycle @ 35%: 300A – 32V |
| | Duty Cycle @ 40%: 320A – 24V |
| | Duty Cycle @ 60%: 270A – 31V |
| | Stepless control (CC mode): 30A – 300A |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 6mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Three-phase power (stand-by): 8.0kVA – 400V |
| | Three-phase power (prime): 7.2kVA – 400V |
| | Single-phase power (max.): 7.0kVA – 230V |
| | Single-phase power (max.): 3.5kVA – 110V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|--|
| Diesel Engine – 3000 rpm | Type: Kubota D722 – 3 cylinder – 719 cm ³ |
| | Max power: 19 HP (14 kWm) |
| | Starting system: Electric (12V DC) |
| | Cooling system: Water |
| | Fuel tank capacity: 42 litres |
| | Fuel consumption @ 75%: 3.3 l/h |

| | |
|------------------------|--------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 1385 x 660 x 915mm |
| Dry weight | 400 kg |

GEN-400DK MPM 15/400 I-K CC/CV Static

FEATURES

- Welding processes: SMAW (stick) / Mig / Tig
- DAS, auto engine protection shutdown system with warning lights in case of:
 - battery charger failure
 - low fuel level
 - low oil pressure
 - high coolant temperature
- Automatic idle device when no load is connected
- Fuel level gauge
- 12V built-in battery with electric start
- Hourmeter
- Voltmeter
- 1 x 32A, 400V – 50Hz three-phase EEC socket
- 1 x 32A, 230V – 50Hz single-phase EEC socket protected by circuit breaker
- 1 x 32A, 110V – 50Hz single-phase EEC socket protected by circuit breaker
- Earth Leakage Circuit Breaker
- Remote control socket
- Auto/Idle switch
- ARC FORCE CONTROL switch
- Central lifting eye
- CC/CV control for Mig welding
- 3000 RPM
- Kubota engine



WELDER GENERATORS

SPECIFICATIONS

| | |
|-------------|--|
| Noise level | 98 LWA (73dB at 7m) |
| DC welding | Duty Cycle @ 35%: 370A – 35V |
| | Duty Cycle @ 60%: 350A – 34V |
| | Stepless control (CC mode): 30A – 400A |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 6mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Three-phase power: 15.0kVA – 400V |
| | Single-phase power: 10.0kVA – 230V |
| | Single-phase power: 4.0kVA – 110V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|--|
| Diesel Engine – 3000 rpm | Type: Kubota D1105-E – 3 cylinder 24.6 HP (18.1kWm) – 1123 cm ³ |
| | Max power: 24.6 HP (18.1kWm) |
| | Starting system: Electric |
| | Cooling system: Water |
| | Fuel tank capacity: 38 litres |
| | Fuel consumption @ 75%: 4.9 l/h |

| | |
|------------------------|--------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 1590 x 730 x 920mm |
| Dry weight | 450 kg |

OPTIONAL ACCESSORIES

| | |
|----------------|--------------------------------|
| GEN-001 | Two Wheels Site Tow Trailer |
| GEN-002 | Two Wheels Road Tow Trailer |
| GEN-004 | Mig Wire Feed Unit |
| GEN-005 | Remote Control Kit – 20m Cable |

GEN-400DKSS MPM 15/400 SS-K CC/CV Static/Super Silent

FEATURES

- Welding processes: SMAW (stick) / TIG
- DAS, auto engine protection shutdown system with warning lights in case of:
 - battery charger failure
 - low fuel level
 - low oil pressure
 - high coolant temperature
- Automatic idle device when no load is connected
- Fuel level gauge
- 12V built-in battery with electric start
- Hourmeter
- Voltmeter
- Remote control socket
- Earth Leakage Circuit Breaker
- 1 x 32A, 400V – 50Hz three-phase EEC socket
- 1 x 32A, 230V – 50Hz single-phase EEC socket protected by circuit breaker
- 1 x 32A, 110V – 50Hz single-phase EEC socket protected by circuit breaker
- Low-High amps switch for a more accurate arc control selection 30A - 200A / 30A - 400A
- AUTO / IDLE switch



- Arc Force Control with changeover switch basic / cellulosic welding rods
- Central lifting eye
- Fork-lift pockets
- CC/CV control for MIG welding
- 3000 RPM
- Kubota engine

SPECIFICATIONS

| | |
|-------------|--------------------------------|
| Noise level | 94 LWA (74dB at 7m) |
| DC welding | Current regulation: Electronic |
| | Duty Cycle @ 35%: 370A – 35V |
| | Duty Cycle @ 60%: 350A – 34V |
| | Stepless control: 30A – 400A |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 6mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Three-phase power (stand-by): 15.0kVA – 400V |
| | Three-phase power (prime): 13.5kVA – 400V |
| | Single-phase power (max.): 10.0kVA – 230V |
| | Single-phase power (max.): 4.0kVA – 110V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|--|
| Diesel Engine – 3000 rpm | Type: Kubota D1105-E – 3 cylinder – 1123 cm ³ |
| | Max power: 24,8 hp (18,5 kWm) |
| | Starting system: Electric (12 Vdc) |
| | Cooling system: Water |
| | Fuel tank capacity: 60 litres |
| | Fuel consumption @ 75%: 4.9 l/h |

| | |
|------------------------|---------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 1600 x 840 x 1000mm |
| Dry weight | 565 kg |

OPTIONAL ACCESSORIES

| | |
|----------------|--------------------------------|
| GEN-001 | Two Wheels Site Tow Trailer |
| GEN-002 | Two Wheels Road Tow Trailer |
| GEN-004 | Mig Wire Feed Unit |
| GEN-005 | Remote Control Kit – 20m Cable |



MADE IN ITALY
2 TWO YEAR WARRANTY

GEN-400DPSS MPM 16/400 SS-P CC/CV Static/Super Silent

FEATURES

- Tig Lift Arc welding
- Mig welding
- Low-High amps switch for a more accurate arc control 30A - 200A / 30A - 400A
- Arc Force Control with basic/cellulosic changeover switch
- Carbon Arc Gouging (CAG) socket
- Remote control socket
- Weld voltmeter and ammeter
- Auto engine protection shutdown system with warning lights for:
 - battery charger failure
 - low fuel level
 - low oil pressure
 - high water temperature
 - engine overspeed
- 12V built-in battery
- Fuel level gauge
- Hourmeter
- Voltmeter
- Earth Leakage Circuit Breaker
- Power output protection
- 1 x 32 A 400 V three-phase EEC socket
- 1 x 32 A 230 V single-phase EEC sockets
- 1 x 32 A 110 V single-phase EEC sockets
- Engine oil drain pipe
- Central lifting eye
- Fork-lift pockets
- 1500 RPM
- Perkins engine



WELDER GENERATORS

SPECIFICATIONS

| | |
|-------------|--|
| Noise level | 93 LWA (68dB at 7m) |
| DC welding | Current regulation: Electronic |
| | Duty Cycle @ 40%: 420A – 28V |
| | Duty Cycle @ 60%: 400A – 36V |
| | Duty Cycle @ 100%: 350A – 34V |
| | Stepless control (CC mode): 30A – 400A |
| | Stepless control (CC mode): 10V – 40V |
| | Open Circuit Voltage: 70V |
| | Max welding rod: 8mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Three-phase power (stand-by): 16.0kVA – 400V |
| | Three-phase power (prime): 14.4kVA – 400V |
| | Single-phase power (max.): 10.0kVA – 230V |
| | Single-phase power (max.): 5.0kVA – 110V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|---|
| Diesel Engine – 1500 rpm | Type: Perkins 404-22G – 4 cylinder – 2216 cm ³ |
| | Max power: 27.2 HP (20.3kWm) |
| | Starting system: Electric (12V DC) |
| | Cooling system: Water |
| | Fuel tank capacity: 56 litres |
| | Fuel consumption @ 75%: 4.0 l/h |

| | |
|------------------------|---------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 1828 x 683 x 1230mm |
| Dry weight | 730 kg |

GEN-600DD MPM 602D Static/Silent



FEATURES

- Processes: SMAW (stick)/TIG Lift Arc/Mig/CAG
- Two stand-alone 400A DC welding stations:
 - TIG LIFT ARC welding
 - CV mode (MIG welding)
 - Low-High amps switch for a more accurate arc control 30A – 200A / 30A – 400A
 - Arc Force Control switch
 - Remote control socket
 - Weld Voltmeter and Ampmeter
- DAS, auto engine protection shutdown system with warning lights in case of:
 - Battery charger failure
 - Low fuel level
 - Low oil pressure
 - High oil temperature.
- 12V built-in battery with electric start
- Engine hourmeter
- Voltmeter
- Fuel level gauge
- 1 x 32A 400V / 50Hz three-phase EEC socket protected by circuit breaker
- 2 x 16A 230V / 50Hz single-phase EEC sockets protected by circuit breakers
- 1 x 32A 230V / 50Hz single-phase EEC socket protected by circuit breaker
- Carbon Arc Gouging (CAG) socket
- Emergency STOP button
- Earth Leakage Circuit Breaker (ELCB)
- Spark arrester muffler
- Central lifting eye
- Fork-lift pockets
- 1500 RPM
- Deutz engine

SPECIFICATIONS

| | |
|-------------|--|
| Noise level | 99 LWA (72 dB at 7m) |
| DC welding | Current regulation: Electronic |
| | Duty Cycle @ 35%: 400A – 36V |
| | Duty Cycle @ 60%: 350A – 34V |
| | Stepless control (CC mode): 30A – 400A |
| | Open Circuit Voltage: 65V |
| | Max welding rod: 6mm |

| | |
|---------------------|--|
| AC generator – 50Hz | Type: GenSet asynchronous, self-excited and self-protected |
| | Three-phase power (stand-by): 25.0kVA – 400V |
| | Three-phase power (prime): 22.5kVA – 400V |
| | Single-phase power (max.): 9.0kVA – 230V |
| | Power factor: $\cos \varphi$ 0.8 |

| | |
|--------------------------|--|
| Diesel Engine – 1500 rpm | Type: Deutz BF4M 2011 – turbocharged – 4 cylinder – 3110 cm ³ |
| | Max power: 56.0 HP (41.2 kWm) |
| | Starting system: Electric (12 Vdc) |
| | Cooling system: Oil |
| | Fuel tank capacity: 70 litres |
| | Fuel consumption @ 75%: 8.5 l/h |

| | |
|------------------------|---------------------|
| Insulation Class | H |
| Ambient temperature | 40°C |
| Altitude | 1000m |
| Mechanical Protection | IP23 |
| Dimensions (L x W x H) | 2175 x 989 x 1130mm |
| Dry weight | 1134 kg |

WELDER GENERATOR ACCESSORIES



(machine not included)

GEN-001 Two Wheels Site Tow Trailer

GEN-004

Wire Feed Unit



WELDER GENERATORS

GEN-005

Remote Control Kit
20m Cable



GEN-002 Two Wheels Road Tow Trailer



(machine not included)

GEN-003 Wheelbarrow Type Trolley



GEN-006

Reverse Polarity Switch Kit



Croc Earth Clamp & Cable Set

See ARC WELDING ACCESSORIES page 278 for details



Electrode Holder & Cable Set

See ARC WELDING ACCESSORIES page 278 for details

VISIT

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- 1-42** **CONSUMABLES** section for Super 6 and Superon welding and brazing, covers products for joining large fabrications and DIY use.
-
- 43-90** **MACHINES** section includes MIG, TIG and Plasma equipment for all applications from the auto workshop to heavy industrial environments.
-
- 105-180** **MIG WELDING** section offers a comprehensive range of Compatible Torches, Consumables and Euro Conversion Kits.
-
- 181-216** **TIG WELDING** section offers a wide range of Compatible Torches, Consumables, Cables, Handles, Connectors, Adaptors and Fittings.
-
- 217-272** **PLASMA CUTTING** section includes Compatible Torches, Consumables, Central Connectors, and Circle Cutting Kits and Attachments.
-
- 273-282** **ARC WELDING ACCESSORIES** for Electrode Holders, Clamps, Connectors and other MMA accessories – plus Ovens and Quivers.
-
- 283-288** **ABRASIVES** are supplied by Winnerflex, combining good quality with great value and European approval.
-
- 289-310** **GAS WELDING & CUTTING** section for all you need from Regulators, Nozzles, Hoses and Fittings to Cutting Equipment.
-
- 311-368** **SAFETY & PPE** for Welding Helmets and PAPR plus a comprehensive range of quality PPE and Workplace Protection.
-
- 369-380** **SUMNER TOOLS** include Pipe Stands Jacks, Heads and Clamps to cover most applications from the workshop to oil fields.
-
- 381-394** **STRONGHAND TOOLS** include Tables, Pliers, Clamps, Magnetic Fit-Up Tools plus Markal Industrial Markers and Tempil Temperature Indicators.
-
- 395-464** **AIR EQUIPMENT** section includes, Compressors, Spray Kits & Accessories, Mighty Seven Heavy Duty and a budget range of Maintenance Tools.
-
- 465-476** **CORDLESS TOOLS** supplied by ACDelco are particularly suited to the auto workshop. These heavy duty tools include LED Torches and Light Bars.
-