



Super Silenced Engine Driven

WELDERS

RUGGED AND RELIABLE WELDING

Range 30 to 600amps



Collective Innovation



Alliances



Innovation



Green



Power



Teamwork



On-Site



SPECIFICATIONS

	MW 180 I-H	MPM 5/200 IEBH	MPM 5/225 IEBH	MPM 5/180 SSY	MPM 5/225 SS-DR/EL	MPM 8/300 S-R	MPM 8/300 SSKA	MPM 12/400 SSKA	MPM 16/400 SS-P	MPM 20/600 S-P	MPM 40/700 Dual
	<i>WELDBABY</i>	<i>PortaWELD</i>	<i>PortaWELD</i>	<i>ArcMASTER</i>	<i>ArcMASTER</i>	<i>WeldMASTER</i>	<i>WeldMASTER</i>	<i>PipeMASTER</i>	<i>PipeMASTER</i>	<i>PipeMASTER</i>	<i>WELDPRO</i>
Type	Permanent Magnet	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous
Welding - amps D.C.	40 to 165	40 to 200	40 to 225	40 to 180	30 to 225	30 to 300	30 to 300	30 to 400	30 to 400	30 to 600	(2x) 30 to 400
Open Circuit Voltage - V	80	90	90	90	65	70	70	70	70	70	70
Single Phase Power - kVA	1	2	4.5	4	2	4	4	6	5	7	7
Voltage - V Single Phase (AC)	110	110	110	110	110	110	110	110	110	110	110
Single Phase Power - kVA	n/a	5	5	4	5	7	7	10	10	12	13
Voltage - V Single Phase (AC)	n/a	230	230	230	230	230	230	230	230	230	230
Three Phase Power - kVA	n/a	n/a	n/a	n/a	n/a	8	8	12	16	20	40
Voltage - V Three Phase (AC)	n/a	n/a	n/a	n/a	n/a	400	400	400	400	400	400
Max Welding Rods - mm	4	5	5	4	6	6	6	6	8	10	10
Noise Level - Lwa	97	97	97	96	96	97	94	94	93	96	94
Insulation Class	H	F	F	F	F	F	F	F	F	F	F
Mechanical Protection - IP	23	23	23	23	23	23	23	23	23	23	23
ENGINE											
Make	Honda	Honda	Honda	Yanmar	Ruggerini	Ruggerini	Kubota	Kubota	Perkins	Perkins	Perkins
Type	GX 200	GX 340	GX 390	L 100 AE	MD 190	RD 210	D 722	D 1105-E	404C-22G	1103C-33TG1	1103C-33TG4
Fuel	Petrol	Petrol	Petrol	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Number of Cylinders	1	1	1	1	2	2	3	3	4	3 (turbo)	4 (turbo)
Power - HP	6.5	11	13	10	13	20	17	24.6	28	63.2	63.2
Engine Speed - rpm	4000	3000	3000	3000	3000	3000	3000	3000	1500	1500	1500
Cooling	Air	Air	Air	Air	Air	Air	Water	Water	Water	Water	Water
Fuel Consumption - Litres/hour	1.6	2.6	2.9	1.7	2.2	3.3	2.9	4.9	4	8	8.2
Fuel Tank Capacity - litres	3.8	6.5	6.5	21	21	38	42	60	56	74	126
75% Average Operating Hours - hours	3	4	4	13	11	13	16	16	16	12	18
Starting System	Recoil	Recoil	Recoil	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
DIMENSIONS											
Length - mm	460	720	720	1070	1240	1300	1385	1720	1828	2000	2405
Width - mm	370	480	480	570	570	620	660	800	683	900	1020
Height - mm	470	515	515	700	700	810	915	970	1230	1200	1711
Dry Weight - Kg	30	96	96	185	270	325	400	575	730	1200	1560

OPTIONAL EXTRAS

- Handles/wheels - MPM 5/200 IEBH through to MPM 8/300 SSKA
- Site tow undergear - from MPM 8/300 S-R through to MPM 40/700 Dual
- Road tow undergear - from MPM 8/300 S-R through to MPM 40/700 Dual
- Remote control unit c/w 20m cable and plug - MPM 5/225 SS-DR through to MPM 40/700 Dual
- Factory fitted spark arrestor
- Welding cables
- Chalwyn valve
- Lift TIG facility - MIG facility
- Parallel welding box
- Lighting tower attachment
- Some models Railtrack approved (details on request)
- Fuel Active - contamination eliminator

Parts & Service

GenSet parts and service packages offer our customers genuine parts replacement direct from the manufacturer, and an instant response from our service engineers that guarantees customers peace of mind.

All parts programmes offer a full one year parts and labour warranty, subsequently GenSet offer customers complete support throughout the generator's lifetime.

GenSet engineers are highly trained to offer machine inspections and repairs, service agreements and product/service training.

The GenSet aftersales policy provides a comprehensive package of support during the machine's working life, our aim being to minimise downtime and maximise the revenue potential of the machine.



FEATURES & BENEFITS

MW 180 I-H WELDBABY

FEATURES

- DC welding range 40 - 165 amps
- Portable compact design
- Honda 4 stroke engine
- Auto idle facility
- 110 V AC, 1 kVA auxiliary (option)
- Railtrack approved

BENEFITS

- Can weld up to 4mm electrodes
- Lightweight at only 30 kgs (with frame)
- Uses unleaded fuel and is fitted with low oil level shutdown
- Saves fuel, reduces noise and prolongs engine life
- Allows for small power tools to be used on site



MPM 5/200 IEBH, MPM 5/225 IEBH and MPM 5/180 SSY

FEATURES

- MPM 5/200 IEBH** - 200 amps DC welding current
- MPM 5/225 IEBH** - 225 amps DC welding current
- MPM 5/180 SSY** - 180 amps DC welding current

Dual voltage AC power outlets:

- 5kVA at 240V single phase
- 2kVA at 110V single phase

The auxiliary generating output on the GenSet welder range can be coupled together without the need for any additional control equipment

Brushless alternator

Smooth wave form

Low oil level cut out device

Transistorised ignition

Capable of welding cellulosic electrodes

Complies to EEC noise regulations

110V CTE (55V 55V)

Circuit breaker protection

Powder coated paint finish

Owners technical manual and parts book

Recoil start/Electric Start

Compact design

Voltmeter

Hourmeter (Diesel models only)

HF protected

BENEFITS

- Allows you to weld up to 5mm welding rods
- Allows you to weld up to 5mm welding rods
- Allows you to weld up to 4mm welding rods
- Can be used as either a generator or welder or both

For better utilisation and profit

No maintenance

Suitable for powering sensitive equipment
e.g plastic welding equipment, computer, etc

Reduces the risk of engine seizure due to lack of oil

For ease of starting

Can be used for different types of specialist applications

Low on noise pollution

Site safe voltage

Reduces the risk of overload and injury

Hardwearing

Which instruct on the best use and maintenance

Easy to start

Highly portable

Gives accurate output voltage reading

Helps regulate servicing intervals

Allows the use of high frequency TIG welding boxes

FEATURES & BENEFITS

MPM 5/225 SS-DR/EL, MPM 8/300 S-R, MPM 8/300 SSKA, MPM 12/400 SSKA, MPM 16/400 SS-P, MPM 20/600 S-P and MPM 40/700 Dual

FEATURES

BENEFITS

MPM 5/225 SS-DR/EL - 225 amps DC welding current	Allows you to weld up to 6mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
MPM 8/300 S-R - 300 amps DC welding current	Allows you to weld up to 6mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
MPM 8/300 SSKA - 300 amps DC welding current	Allows you to weld up to 6mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
MPM 12/400 SSKA - 400 amps DC welding current	Pipemaster allows you to weld up to 6mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
MPM 16/400 SS-P - 400 amps DC welding current	Pipemaster allows you to weld up to 8mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
MPM 20/600 SS-P - 600 amps DC welding current	Pipemaster allows you to weld up to 10mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
MPM 40/700 IPS - 400 amps DC welding current	Pipemaster allows you to weld up to 10mm welding rods
Dual voltage AC power outlets:	Can be used as either a generator or welder or both
The auxiliary generating output on the GenSet welder range can be coupled together without the need for any additional control equipment	For better utilisation and profit
Brushless alternator	No Maintenance
Smooth wave form e.g. plastic welding equipment, computers, etc	Suitable for powering sensitive equipment
Low oil pressure shutdown with warning light	Reduces the risk of engine seizure due to lack of oil
Low fuel level shutdown with warning light to bleed the fuel system and does not allow contamination	Reduces the risk of fuel related maintenance e.g. no need from the bottom of the tank
Failure of battery charging system shutdown with warning light	Reduces the risk of flat battery with warning light
High water temperature shutdown with warning light (This does not work if water level is low)	Reduces the risk of engine overheating
Capable of welding cellulosic electrodes	Can be used for different types of specialist applications
Changeover switch for cellulosic to basic electrodes (except MPM 5/225 SS-DR/EL, MPM 8/300 S-R and MPM 8/300 SSKA)	Quick change of electrode types especially on pipeline applications
Super Silenced	Low on noise pollution
Low - high amp switch (except MPM 5/225 SS-DR/EL, MPM 8/300 S-R and MPM 8/300 SSKA)	More accurate selection of arc control (pipelines)
Remote control facility	Gives on the job amp control
110V CTE (55V 55V)	Site safe voltage
Arc force regulator switch	Allows better arc control
Circuit breaker protection on 110V power outlet	Reduces the risk of overload and injury
E.L.C.B. protection on 415V and 240V power outlets	Reduces the risk of overload and injury
Automatic idle which operates from the welding and auxiliary outlets	Reduces operating noise, fuel consumption and engine wear
Separate air arc gouging terminal (except MPM 5/225 SS-DR/EL, MPM 8/300 S-R and MPM 8/300 SSKA)	More voltage which gives more penetration when air arc gouging
Central lifting eye	Allows for ease of movement
Powder coated paint finish	Hardwearing
Owners technical manual and parts book	Which instruct on the best use and maintenance
Electric start	Easy to start with the turn of key
Compact design	Highly portable
Voltmeter	Gives accurate output voltage reading
Fuel gauge	Allows you to gauge the fuel level
Hourmeter	Helps regulate servicing intervals
HF protected	Allows the use of high frequency TIG welding boxes



Other Products from GenSet

- Generators 2 to 500 kVA
- Standard and special Vehicle mount type generators for Accommodation Welfare units
- Completely `Self Contained Power Systems 2 to 500 kVA
- Lightweight Generators to 200 kVA
- Lighting Towers, Demountable, Super Silent, 1500rpm, Traditional, Halogen, and Metal Halide
- Super Silent Contractors Pumps 4 to 12 inch

- Standard and Bespoke Power products and systems for Rail, Military, Domestic and Leisure, Telecommunications and IT, Industrial, Oil and Gas, Water and sewage, Marine, Rental, Mining and Quarrying, Agriculture and Building and Construction

IN LINE WITH OUR CONTINUED DEVELOPMENT, INNOVATION AND VOICE OF CUSTOMER PROGRAM, WE RESERVE THE RIGHT TO CHANGE DATA WITHOUT NOTICE.



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GenSet products meet or exceed the requirements of 73/23/EEC as amended by 93/68 and 89/392/EEC



Alliances



Innovation



Green



Power



Teamwork