

ENGINE DRIVEN WELDER NEW MAGIC WELD CHOPPER TECHNOLOGY

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- High performing alternator w/permanent magnets
- D.C. generator
- Chopped D.C. auxiliary current (safe for tools)
- HONDA OHV Gasoline Engine
- Engine shut-down (oil pressure)
- MOSA Power optimiser (patent pending)
- Economizer (Auto-Idle)
- Portable (34 kg)
- Meets EC directives



Standard equipment											
	Gasoline engine	Air cooling	Manual recoil	Engine shut down (oil)	AUTO IDLE						
Options on request											
	Permanent magnet alternator	Welding current electr. regulation	MOSA POWER OPTIMISER	Socket	Fuse						
Version on request	<ul style="list-style-type: none"> ● 230V Plug ● 110V Plug ● 110V NEMA Plug 		<ul style="list-style-type: none"> ● Welding cables: K185 (4.5+3m, 35mm²) ● K190 (10+8m, 35mm²) ● K 200 (20+15m, 35mm²) 			<ul style="list-style-type: none"> ● Welding parallel cables K 2x150 (35mm) ● Manual trolley CTM-MW 					
	<ul style="list-style-type: none"> ● Auxiliary output 230V c.c.: 1x230V 16A 2P+T CEE ● Auxiliary output 110V c.c.: 1x110V 16A 2P+T CEE ● Auxiliary output 110V c.c.: 1x110V 15A 2P+T NEMA 5-15R 										

Technical data

NEW MAGIC WELD

D.C. WELDING (Constant Current)

Current range, continuous	30 - 150 A
Duty cycle	150 A - 60%
Open circuit voltage	67 V

D.C. GENERATION

Permanent magnet alternator, self-excited, brushless

Single-phase generation (max)	2 kW / 230 V c.c. / 8.7 A	1.5 kW / 110 V c.c. / 13.6 A
Single-phase generation (continuous)	1.6 kW / 230 V c.c. / 6.9 A	1.2 kW / 110 V c.c. / 10.9 A
Insulation class	H	H

ENGINE

Gasoline, 4-stroke, OHV, air cooled

Model	Honda GX 200
* Output	4 kW (5.5 HP)
Speed	4000 rpm
Displacement / Cylinders	196 cm ³ / 1
Fuel consumption (welding 60%)	1.1 l/h

* Maximum output (not overloadable) according to SAE J1349

GENERAL SPECIFICATIONS

Tank capacity	3.1 l
Running time (welding 60%)	3 h
IP protection degree	IP 23
*Dimensions LxIhx (mm)	420x360x480
*Dry weight	34 kg
** Acoustic power LwA (pressure LpA)	99 dB(A) (74 dB(A) @ 7 m)

* Values shown do not include trolleys. ** For fixed installation only

Mosa reserves the right to change this specification without notice. For further information please contact the sales department