

## ENGINE DRIVEN WELDER NEW MAGIC WELD CHOPPER TECHNOLOGY

### FEATURES

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- D.C. generator
- Chopped D.C. auxiliary current (safe for tools)
- Engine shut-down (oil alert)
- MOSA Power optimiser (patent pending)
- Auto Idle
- Portable (34 kg)
- Meets EC directives



The images are for reference

<b>Standard equipment</b> 	 Gasoline engine	 Air cooling	 Manual recoil	 Engine shut down (oil)	 AUTO IDLE						
	 Permanent magnet alternator	 Welding current electr. regulation	 Socket	 Fuse							

- Options on request**
- Welding cables: K185 (4.5+3m, 35mm<sup>2</sup>)
  - K190 (10+8m, 35mm<sup>2</sup>)
  - K200 (20+15m, 35mm<sup>2</sup>)
  - Welding parallel cables K 2x150 (35mm<sup>2</sup>)
  - Manual trolley CTM-MW

- Version on request**
- 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

#### A.C. GENERATION - 50Hz - Permanent magnet alternator, self-excited, brushless

Single-phase power (max)	2 kW / 230 V c.c. / 8.7 A
Single-phase power (continuous)	1.6 kW / 230 V c.c. / 6.9 A
Insulation class	H

#### ENGINE - Gasoline, 4-stroke, OHV, air cooled

Model	Honda GX 200
* Output	4 kW (5.5 HP)
Cylinders / Displacement	1 / 196 cm <sup>3</sup>
Speed	4000 rpm.
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 in the EU market.