

## ENGINE DRIVEN WELDER MAGIC WELD 200 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
- Single-Phase, 50Hz aux current, inverter generated
- Engine gasoline HONDA OHV
- Engine shut-down (oil pressure)
- Power optimiser (patent pending)
- Economizer (Auto-Idle)
- Protective frame
- Portable (57 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	Electronic protection aux.current	Ready for TC				
Version on request	<ul style="list-style-type: none"> <li>● 230V plug</li> </ul>		<ul style="list-style-type: none"> <li>● Remote control RC2 - RC2/90° (cable 20m)</li> <li>● Welding cables: K185 (4.5+3m, 35mm<sup>2</sup>) K190 (10+8m, 35mm<sup>2</sup>) K 200 (20+15m, 35mm<sup>2</sup>)</li> </ul>		<ul style="list-style-type: none"> <li>● Welding parallel cables K 2x150 (35mm<sup>2</sup>)</li> <li>● Manual trolley TRM-MW200 (n. 4 foldable handles)</li> <li>● Manual trolley CTM-MW200</li> </ul>					
	<ul style="list-style-type: none"> <li>● Auxiliary output 230V c.a.: 1x230V 16A 2P+T CEE</li> <li>● Auxiliary output 230V c.a.: 1x230V 16A 2P+T schuko</li> </ul>									

### Technical data

### MAGIC WELD 200

#### D.C. WELDING (Constant Current)

Current range	20 - 200 A
Duty cycle	200 A - 60%
Open circuit voltage	70 V

#### A.C.. GENERATION - 50Hz

Magnet permanent alternator, self-excited, brushless

Single-phase power (max)	3 kVA / 230 V / 13 A
Single-phase power (continuous)	2.5 kVA / 230 V / 10.9 A
Insulation class	H

#### ENGINE

Gasoline, 4-stroke, OHV, air cooled

Model	Honda GX 270
* Output	6.3 kW (8.5 HP)
Speed	3600 rpm
Displacement / Cylinders	270 cm <sup>3</sup> / 1
Fuel consumption (welding 60%)	1.5 l/h

\* Maximum output (not overloadable) according to SAE J1349

#### GENERAL SPECIFICATIONS

Tank capacity	5.3 l
Running time (welding 60%)	3.5 h
IP protection degree	IP 23
* Dimensions LxIxH (mm)	610x490x520
* Dry weight	57 kg
** Acoustic power LwA (pressure LpA)	99 dB(A) (74 dB(A) @ 7 m)

\* Dimensions and weight without trolley/trailer. \*\* For fixed installation only