

## ENGINE DRIVEN WELDER MAGIC WELD 200 YDE

### FEATURES

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- High frequency control of welding current and voltage
- Single-Phase, 50Hz aux current, inverter generated
- Electric starter
- Low oil pressure automatic engine shut down
- MOSA Power optimiser (patent pending)
- Auto Idle
- Protective frame
- Meets EC directives



The images are for reference

STANDARD EQUIPMENT 											
	Diesel engine	Air cooling	Electric starter	Low press. shut down	Battery charge alarm	AUTO IDLE	Battery 12V				
	Permanent magnet alternator	Welding current elect. regulation	Socket	Electronic protection aux.current	Ready for RC						
OPTIONS ON REQUEST	<ul style="list-style-type: none"> <li>• Welding cables: K185 (4.5+3m, 35mm<sup>2</sup>)</li> <li>• K190 (10+8m, 35mm<sup>2</sup>)</li> <li>• K 200 (20+15m, 35mm<sup>2</sup>)</li> </ul>			<ul style="list-style-type: none"> <li>• Remote control RC2 - RC2/90° (cable 20m)</li> <li>• Welding parallel cables K 2x150 (35mm)</li> </ul>		<ul style="list-style-type: none"> <li>• Manual trolley TRM-MW200 (n. 4 foldable handles)</li> <li>• Manual trolley CTM-MW200</li> </ul>					
VERSION ON REQUEST	<ul style="list-style-type: none"> <li>• Auxiliary output 230V a.c.: 1x230V 16A 2P+T CEE</li> <li>• Auxiliary output 230V a.c.: 1x230V 16A 2P+T schuko</li> </ul>					<ul style="list-style-type: none"> <li>• Auxiliary output 110V 50Hz</li> <li>• Auxiliary output 110V 60Hz</li> </ul>					

### Technical data

### MAGIC WELD 200 YDE

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

Current range, continuous	20 ÷ 200 A
Duty cycle	170 A - 60%
Open circuit voltage	70 V

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

Single-phase power (max)	3.3 kVA / 230 V / 14.3 A
Single-phase power (continuous)	3 kVA / 230 V / 13 A
Insulation class	H

#### ENGINE - Diesel, 4-stroke, direct injection, air cooled

Model	Yanmar L70N
* Output	4.9 kW (6.7 HP)
Cylinders / Displacement	3600 rpm
Speed	1/ 320 cm <sup>3</sup>
Fuel consumption (welding 60%)	1.0 l/h

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

#### GENERAL SPECIFICATIONS

Tank capacity	3.3 l
Running time (welding 60%)	3.3 h
IP protection degree	IP 23
* Dimensions LxHx (mm)	630x490x540
* Dry weight	91 kg
** Acoustic power LwA (pressure LpA)	103 dB(A) (78 dB(A) @ 7 m)

\* Values shown do not include trolleys \*\* For fixed installation only in the EU market.

Specifications subject to change without notice. For further information please contact the sales department.