

ENGINE DRIVEN WELDER MAGIC WELD 200 YDE 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
- Yanmar, air cooled, diesel engine
- Electric starter
- Low oil pressure automatic engine shut down
- MOSA Power optimiser (patent pending)
- Auto Idle
- Protective frame
- Wheels and handles (optional)
- Meets EC directives



Standard equipment 						AUTO IDLE				
	Diesel engine	Air cooling	Electric starter	Low press. shut down	Battery charge alarm	AUTO IDLE	Battery 12V			
Options on request 										
	Permanent magnet alternator	Welding current electr. regulation	Socket	Electronic protection aux. current	Ready for RC					
Version on request 	<ul style="list-style-type: none"> • Remote control RC2 - RC2/90° (cable 20m) • Welding cables: K185 (4.5+3m, 35mm²) K190 (10+8m, 35mm²) K200 (20+15m, 35mm²) 				<ul style="list-style-type: none"> • Welding parallel cables K 2x150 (35mm) 		<ul style="list-style-type: none"> • Manual trolley TRM-MW200 (n. 4 foldable handles) • Manual trolley CTM-MW200 			
	<ul style="list-style-type: none"> • Auxiliary output 230V a.c.: 1x230V 16A 2P+T CEE • Auxiliary output 230V a.c.: 1x230V 16A 2P+T schuko 				<ul style="list-style-type: none"> • Auxiliary output 110V 50Hz • Auxiliary output 110V 60Hz 					

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

ENGINE Gasoline, 4-stroke, OHV, air cooled

Model	Yanmar L70N
* Output	4.9 kW (6.7 HP)
Cylinders / Displacement	3600 rpm
Speed	1/ 320 cm ³
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 LxI xh (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.

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