

ENGINE DRIVEN WELDER

CS 230 YSX CC/CV



The images are for reference

- Arc welding source in D.C. welding
- SMAW: Shielder Metal Arc Welding (Stick)
- GTAW: Gas Tungsten Arc Welding (TIG)
- GMAW: Gas Metal Arc Welding (MIG)
- High frequency welding current and voltage control
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interruptor
- MOSA Power optimiser (patent pending)
- Supersilenced
- Large tank (23 l)
- Meets EC directives for noise and safety

STANDARD EQUIPMENT



Diesel engine	Air cooling	Electric starter	Battery 12V	Engine protection	Low press. shut down	Low fuel shut down	Battery charge indicator	Hours-meter	Central lifting eye	
Asynchronous alternator	Welding current elect. regulation	CC/CV welding mode	Arc control	Sockets 3~	Sockets 1~	Sockets 1~	Ground fault interruptor	Thermal shut off	Voltmeter	Ready for RC

	OPTIONS ON REQUEST • Wirefeeder WF4 (for MIG welding) • Remote control: RC2 - RC2/90° (cavo 20m) • Welding kit (mask, gloves, etc.)	• Welding cables K190 (10+8m, 35mm²) • K200 (20+15m, 35mm²) • Exhaust extension	• Earthing kit • Trolley CTM2 • Road trailer CTV4
	VERSION ON REQUEST • Auxiliary output 230I-110I-CTE : 1x230 16A 2P+T CEE - 1x110 32A 2P+T CEE - 1x110V 16A 2P+T CEE		
	OPTIONS FACTORY INSTALLED • VRD - Voltage reduction device		

Technical data		CS 230 YSX CC/CV	
C.C. WELDING (Constant Current)	SMAW (STICK)/ GTAW (TIG) CC (Constant Current)	C.C. Welding Constant Current	GMAW (MIG)/ FCAW (FLUX CORED) CV (Costant Voltage)
Current range	20 ÷ 210 A	Current range	15 ÷ 30 V
Duty cycle	210A - 60%, 180 A - 100%	Duty cycle	210A - 60%, 180 A - 100%
Open circuit voltage	65 V		

A.C. GENERATION - 50Hz - Three-phase asynchronous alternator, self-regulated, self-excited, brushless

Three-phase power	6 kVA / 400 V / 8.7 A
Single-phase power	5 kVA / 230 V / 21.7 A
Single-phase power	2.5 kVA / 110 V / 22.7 A
Insulation class	H

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

Model	Yanmar L 100 N
* Output	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435 cm ³
Speed	3000 rpm
Fuel consumption (welding 60%)	1.0 l/h

* Maximum output (not overloadable) according to ISO 3046-1

GENERAL SPECIFICATIONS

Tank capacity	23 l
Running time (welding 60%)	23 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1020x645x930 mm
* Dry weight	230 kg
** Measured acoustic power LwA (pressure LpA)	91 dB(A) (66 dB(A) @ 7 m)
** Guaranteed acoustic power LwA (pressure LpA)	92 dB(A) (67 dB(A) @ 7 m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

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