

## ENGINE DRIVEN WELDER CT 230 YSX CC/CV

- Multi process welder:
  - SMAW: Shielder Metal Arc Welding (Stick)
  - GTAW: Gas tungsten arc welding (Tig-Scratch start)
  - GMAW: Gas Metal Arc Welding (MIG)
  - FCAW: Flux cored arc welding
- High frequency control of welding current and voltage
- Continuous setting of current or voltage welding
- Arc Force continuous setting
- Remote control (option)
- A.C. power available while welding
- Yanmar air cooled, diesel engine - 3000 rpm
- Power optimiser (engine power optimisation system)
- EV Engine protection
- A.C. generator power
- Super silenced
- Large tank (23 l)
- Meets EC directives for safety and noise level



\* only 230I-110I CTE Version - \*\* only 400Y-230I Version

Standard equipment											
Version on request	<ul style="list-style-type: none"> <li>● Aux.output 400Y-230I: 1x400V 16A 3P+N+T CEE - 1x230V 16A 2P+T CEE - 1x230V 16A 2P+T Schuko</li> <li>● Aux.output 230I-110I CTE: 1x230V 16A 2P+T CEE - 1x110V 16A 2P+T CEE</li> </ul>										
Factory installation option	<ul style="list-style-type: none"> <li>● VRD</li> </ul>	Options on request		<ul style="list-style-type: none"> <li>● 400V Plug</li> <li>● 230V Plug</li> <li>● 110V Plug</li> </ul>	<ul style="list-style-type: none"> <li>● Remote control RC2 or RC2/90 (20m cable)</li> <li>● Welding cables K190 (10+8m, 35mm<sup>2</sup>)</li> <li>● Welding cables K200 (20+15m, 35mm<sup>2</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>● Trolley CTM2</li> <li>● Road tow CTV4</li> <li>● Earthing kit</li> <li>● Exhaust extension (5m)</li> </ul>					

### Technical data CT 230 YSX CC/CV

D.C. WELDING (Direct Current)	SMAW (Stick) GTAW (TIG) - CC mode (Constant Current)	D.C. WELDING (Direct Current)	GMAW (Mig) FCAW (Flux cored) - CV mode (Constant Voltage)
Current range	20 - 210 A	Voltage range	15 - 30 V
Open circuit voltage	65 V	Open circuit voltage	65 V
Duty cycle	210A - 60%, 180 A - 100%	Duty cycle	210A - 60%, 180 A - 100%

A.C. GENERATION - 50 Hz	Three-phase asynchronous alternator self-excited, self-regulated, 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
Insulating class	H

ENGINE	Diesel, 4-stroke, air cooled
Model	Yanmar L 100 N
* Net power	6.5 kW (8.8 HP)
Cylinders / Displacement	1 / 435 cm <sup>3</sup>
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 (at duty cycle 60%)	23 h
IP protection degree	IP 23
Dimensions LxWxh (mm) *	1020x645x930
Weight *	247 kg
Measured acoustic power **	91 LWA (66 dB(A) - 7 m)
Guaranteed acoustic power **	92 LWA (67 dB(A) - 7 m)

\* Dimensions and weight without trolley/trailer \*\* Acoustic power according to European Directive 2000/14/EC

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