

ENGINE DRIVEN WELDER CT 350 LSX CC/CV

- Multi process welder:
 - SMAW: Shielder Metal Arc Welding (Stick)
 - GMAW: Gas Metal Arc Welding (MIG)
- High frequency welding current and voltage control
- Stepless adjustable arc force for cellulose electrodes
- V.R.D. (Voltage Reduction Device) optional
- 3-phase and 1-phase AC generator
- Lombardini, air cooled, diesel engine
- EP7 engine protection (oil pressure and level, temperature, battery charge, low fuel)
- Power Optimiser (engine power optimisation system)
- Large tank (38 l)
- Bunded base
- Emergency stop button
- Welding remote control (optional)
- Meets EC directives for safety and noise



Standard equipment											
	Diesel engine	Air cooling	Battery	Fuel level gauge	Hour Meter	Engine protection	Electric starter	Engine shut down temp.	Engine shut down oil press. & level	Engine shut down battery charge	Engine shut down low fuel
Options on request											
	Asynchronous alternator	Welding Control high Frequency	Arc Force	Power optimiser	Sockets	Ground fault interrupter	Thermal shut off	Voltmeter	Emergency stop button	Ready for RC	Central lifting eye
Options factory installed	<ul style="list-style-type: none"> ● Plugs 400V/230V/110V ● Welding kit (mask, gloves, etc.) ● Wirefeeder WF4 (for MIG welding) 			<ul style="list-style-type: none"> ● Remote control RC2-RC2/90° with cable 20m ● Welding cables K400 (20+15m, 50mm²) ● Earthing kit MT10 			<ul style="list-style-type: none"> ● Trolley CTM330 ● Site tow CTL330 ● Road tow CTV4 				
	<ul style="list-style-type: none"> ● Auto idle 			<ul style="list-style-type: none"> ● V.R.D. (Voltage Reduction Device) 							

Technical data

CT 350 LSX CC/CV

D.C. WELDING	SMAW (Stick) CC MODE (constant current)	D.C. WELDING	GMAW (Mig) CV MODE (constant voltage)
Current range	20 - 350 A	Voltage Range	16 - 30V
Duty cycle	350A - 35%, 300A - 60%, 250 A - 100%	Duty cycle	300A-60%; 250A-100%
Open circuit voltage	70 V	-	-
A.C. GENERATION 50 Hz	Asynchronous, three-phase, self-excited, self-regulated, brushless alternator		
Three-phase power	10 kVA / 400 V / 14.4 A		
Single-phase power	5 kVA / 230 V / 21.7 A		
Single-phase power (option)	2.5 kVA / 110 V / 22.7 A		
Single-phase power (option)	5 kVA / 48 V / 104 A		
Insulating class	H		
ENGINE	Diesel, 4-stroke, air cooled, direct ignition		
Model	Lombardini 12 LD 477.2		
*Output	14 kW (19 HP)		
Speed	3000 rpm		
Cylinders / Displacement	2 / 954 cm ³		
Fuel consumption (welding 60%)	2.5 l/h		
* Maximum output (not overloadable) according to ISO 3046/1			

GENERAL SPECIFICATIONS

Tank capacity	38 l
Running time (welding 60%)	15.2 h
Protection	IP 23
*Dimensions Lxwxh (mm)	1230x690x925
*Dry weight	345 kg
** Measured acoustic power LwA (pressure LpA)	94 dB(A) (69 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	95 dB(A) (70 dB(A) @ 7m)
* Dimensions and weight without trolley/trailer ** Acoustic power according to 2000/14/CE	

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