

## ENGINE DRIVEN WELDER TS 250 D/EL

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interrupter
- Output Sockets: 1x400V 16A 3P+N+T CEE - 1x230V 16A 2P+T CEE - 1x48V 32
- LOMBARDINI diesel engine
- Electric starter
- Protective frame
- Manual trolley CTM222 (on request)
- Welding remote control (on request)
- Meets EC directives



Standard equipment											
	Diesel engine	Air cooling	Electric starter	Battery 12V	Low press. shut down	Battery charge alarm	Engine Booster	Ready for TC			
	Asynchronous alternator	Welding current electr. regulation	Socket 3~	Socket 1~	Socket 1~	Ground fault interrupter	Thermal shut off	Voltmeter			

- |                    |  |  |   |
|--------------------|--|--|---|
| Options on request | <ul style="list-style-type: none"> <li>● 400V plug</li> <li>● 230V plug</li> <li>● 48V plug</li> </ul> | <ul style="list-style-type: none"> <li>● Welding cables: K190 (10+8m, 35mm<sup>2</sup>)<br/>K200 (20+15m, 35mm<sup>2</sup>)</li> <li>● Remote control: TC2 (cable 20m) - TC2/50 (cable 50m)</li> <li>● Welding kit (mask, gloves, etc.)</li> </ul> | <ul style="list-style-type: none"> <li>● Earthing kit</li> <li>● Manual trolley CTM222</li> </ul> |
|--------------------|--|--|---|

- Factory installation option
- Hour-meter

### Technical data TS 250 D/EL

<b>D.C. WELDING (Constant Current)</b>	
Current range, continuous	20A ÷ 250A
Duty cycle	250A 35% - 200A 60%
Open circuit voltage	70 V
<b>A.C. GENERATION - 50Hz</b>	
<b>Three-phase asynchronous alternator, self-regulated, self-excited, brushless</b>	
Three-phase generation	6.5 kVA / 400 V / 9.4 A
Single-phase generation	4.5 kVA / 230 V / 19.5 A
Single-phase generation	2 kVA / 48 V / 41.6 A
Booster - Engine starting device	200A / 12Vc.c. - 24Vc.c.
Insulation class	H

<b>ENGINE</b>	
<b>Diesel, 4-stroke, direct injection, air cooled</b>	
Model	Lombardini 12LD 477/2
* Output	14.9 kW (20.3 HP)
Speed	3000 rpm
Displacement / Cylinders	954 cm <sup>3</sup> / 2
Fuel consumption (welding 60%)	1.7 l/h

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

<b>GENERAL SPECIFICATIONS</b>	
Tank capacity	9 l
Running time (welding 60%)	5.3 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1050x530x630
* Dry weight	175 kg
** Acoustic power LwA (pressure LpA)	103 dB(A)(78 dB(A) @ 7m)

\* Values shown do not include trolleys. \*\* For fixed installation only

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