

## ENGINE DRIVEN WELDER TS 400 SC/EL - SXC/EL



- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interrupter
- LOMBARDINI diesel engine
- Electric starter
- Engine protection ES
- Site tow CTL400 (on request)
- Welding remote control (on request)
- Meets EC directives for noise and security

Standard equipment											
	Diesel engine	Air cooling	Electric starter	Battery 12V	Engine protection	Low press. shut down	High temp. engine shut down	Battery charge alarm	Low fuel indicator	Hours-meter	Central lifting eye
Options on request											
	Asynchronous alternator	Welding current electr. regulation	Arc control kit	Socket 3~	Socket 1~	Output 48 V	Ground fault interrupter	Fuse	Voltmeter	Ready for TC	

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| <b>Options on request</b><br><ul style="list-style-type: none"> <li>● 400V Plugs</li> <li>● 230V Plugs</li> <li>● 110V Plugs</li> <li>● Tank locking cap</li> </ul> | <ul style="list-style-type: none"> <li>● Welding cables K400 (20+15m, 50mm<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>● Site tow CTL400</li> <li>● Road trolley CTV4</li> </ul> |
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- Version on request**
- Auxiliary output: 400Y - 230I - 48I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE
  - Auxiliary output: 400Y - 230I: 1x400V 32A 3P+N+T CEE - 2x230V 32A 2P+T CEE
  - Auxiliary output: 400Y - 230I - 110I CTE: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE

- Factory installation option**
- EP1 - Engine protection unit EP1 with Auto-Idle economiser (only SXC version)

Technical data	TS 400 SC/EL	TS 400 SXC/EL
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D.C. WELDING (Constant Current)	TS 400 SC/EL	TS 400 SXC/EL
Current range, continuous	20A ÷ 400A	
Duty cycle	400 A 35% - 350 A 60% - 300 A 100%	
Open circuit voltage	70 V	
A.C. GENERATION - 50Hz	Three-phase asynchronous alternator, self-regulated, self-excited, brushless	
Three-phase generation	13 kVA / 400 V / 18.7 A	
Single-phase generation	7 kVA / 230 V / 30.4 A	
Single-phase generation	3.5 kVA / 110 V / 31.8 A	
Single-phase generation	5 kVA / 48 V / 104 A	
Insulation class	H	

ENGINE	Diesel, 4-stroke, direct injection, air cooled
Model	Lombardini 9LD625/2
* Output	18.8 kW (25.5 HP)
Speed	3000 rpm
Displacement / Cylinders	1248 cm <sup>3</sup> / 2
Fuel consumption (welding 60%)	3.2 l/h

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

GENERAL SPECIFICATIONS		
Tank capacity	26 l	
Running time (welding 60%)	8 h	
IP protection degree	IP 23	
* Dimensions LxIhx (mm)	1455x840x880	
* Dry weight	450 kg	465 kg
** Measured acoustic power LwA (pressure LpA)	--	96 dB(A)(71 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	--	96 dB(A)(71 dB(A) @ 7m)
*** Acoustic power LwA (pressure LpA)	98 dB(A)(73 dB(A) @ 7m)	--

\* Dimensions and weight without trolley/trailer. \*\* Acoustic power according to European Directive 2000/14/EC. \*\*\*For fixed installation only

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