

ENGINE DRIVEN WELDER TS 300 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 EV
- Manual trolley CTM300 (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	Socket 3~	Socket 1~	Output 48 V	Ground fault interrupter	Fuse	Voltmeter	Ready for TC	
Version on request	<ul style="list-style-type: none"> ● 400V plug ● 230V plug ● 110V plug ● Tank locking cap ● Welding cables K400 (20+15m, 50mm²) ● Remote control: TC2 (cable 20m) - TC2/50 (cable 50m) ● Welding kit (mask, gloves, etc.) ● Earthing kit ● Manual trolley CTM300 ● Site tow CTL300 ● Road trolley CTV4 										
Factory installation option	<ul style="list-style-type: none"> ● EP1 - Engine protection unit EP1 with Auto-Idle economiser (SXC version only) 										

Technical data	TS 300 SC/EL	TS 300 SXC/EL
D.C. WELDING (Constant Current)		
Current range, continuous	20A ÷ 300A	
Duty cycle	300A 60% - 250A 100%	
Open circuit voltage	70 V	
A.C. GENERATION - 50Hz		
Three-phase asynchronous alternator, self-regulated, self-excited, brushless		
Three-phase generation	10 kVA / 400 V / 14.4 A	
Single-phase generation	5 kVA / 230 V / 21.7 A	
Single-phase generation	2.5 kVA / 110 V / 22.7 A	
Single-phase generation	5 kVA / 48 V / 104 A	
Insulation class	H	
ENGINE		
Diesel, 4-stroke, direct injection, air cooled		
Model	Lombardini 12LD 477/2	
* Output	14.9 kW (20.3 HP)	
Speed	3000 rpm	
Displacement / Cylinders	954 cm ³ / 2	
Fuel consumption (welding 60%)	2.5 l/h	
* Maximum output (not overloadable) according to ISO 3046-1		
GENERAL SPECIFICATIONS		
Tank capacity	23 l	
Running time (welding 60%)	9.2 h	
IP protection degree	IP 23	
* Dimensions LxHxh (mm)	1320x790x750	
* Dry weight	350 kg	370 kg
** Measured acoustic power L _{WA} (pressure L _{pA})	--	96 dB(A)(71 dB(A) @ 7m)
** Guaranteed acoustic power L _{WA} (pressure L _{pA})	--	97 dB(A)(72 dB(A) @ 7m)
*** Acoustic power L _{WA} (pressure L _{pA})	99 dB(A)(74 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