

ENGINE DRIVEN WELDER TS 300 SC - SXC/EL



- Electronic regulation of welding current
- Arc control for cellulose electrodes
- Auxiliary power (10 kVA) available while welding
- Ground fault interrupter protection
- Modern, fuel efficient, diesel engine
- Engine protection (oil pressure/temperature)
- Running gear (optional)
- Complies with EEC directives

Standard equipment											
	Diesel engine	Air cooling	Electric starter	Battery 12V	Battery charger indicator	Hour counter	Engine protection	Oil pressure indicator	Low fuel indicator	Engine temperature	Central lifting eye
Options on request											
	Welding current electr. regulation	Arc force	Asynchronous alternator	Voltmeter	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Fuse	Ready for TC		
	<ul style="list-style-type: none"> ● Plug 400V 32A 3PNT (T) ● Plug 230V 32A or 16A 2PT (M) ● Plug 110V 32A or 16A 2PT (M) 					<ul style="list-style-type: none"> ● Welding cables K400 (20+15m, 50mm²) ● Remote control TC2 with cable 20m ● Remote control TC2/50 with cable 50m 				<ul style="list-style-type: none"> ● Trolley CTM300 ● Site tow CTL300 ● Road tow CTV3 ● Earthing kit MT10 	

Technical data	TS 300 SC/EL	TS 300 SXC/EL
D.C. WELDING		
Current range, continuous	20 - 300 A	20 - 300 A
Open circuit voltage	70 V	70 V
Duty cycle	300 A - 60%, 250 A - 100%	300 A - 60%, 250 A - 100%
Electrode diameter	2 - 6 mm	2 - 6 mm
A.C. GENERATION		
	50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless	
Three-phase generation	10 kVA / 400 V / 14.4 A	10 kVA / 400 V / 14.4 A
Single-phase generation	5 kVA / 230 V / 21.7 A	5 kVA / 230 V / 21.7 A
Single-phase generation (option)	2.5 kVA / 110 V / 22.7 A	2.5 kVA / 110 V / 22.7 A
Single-phase generation (option)	5 kVA / 48 V / 104 A	5 kVA / 48 V / 104 A
Duty cycle	100%	100%
Insulating class	H	H
On request other voltages and frequencies (60 Hz)		
ENGINE		
	Diesel, 4-stroke, air cooled	
Type	Ruggerini RD 210	Ruggerini RD 210
Output *	14 kW (19 HP)	14 kW (19 HP)
Speed	3000 rpm	3000 rpm
Displacement	954 cm ³	954 cm ³
Cylinders	2	2
Fuel consumption	250 g/kWh	250 g/kWh
* Maximum output (not overloadable) according to ISO 3046/1		
GENERAL SPECIFICATIONS		
Tank capacity	23 l	23 l
Running time (at duty cycle 60%)	9 h	9 h
Protection	IP 23	IP 23
Dimensions * Lxwxh (mm)	1320x790x750	1320x790x750
Weight *	350 kg	370 kg
Noise level**	99 LWA (74 dB(A) - 7 m)	93 LWA (68 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC directive 535		

Values shown are nominal values. For further information please contact the sales department.