

ENGINE DRIVEN WELDER TS 220 SX/EL

- Electronic regulation of welding current
- Arc control for cellulose electrodes
- Remote control (optional)
- 5 kVA auxiliary power
- Ground fault interrupter protection
- Yanmar, air cooled, diesel engine
- Engine protection (oil)
- Large tank (23 l)
- Meets EEC directives for safety



Standard equipment										
	Diesel engine	Air cooling	Electric starter	Battery	Battery charge indicator	Hour counter	Engine shut down (oil)	Low fuel indicator	Oil pressure indicator	Central lifting eye
Options on request										
	Welding current regulation	Arc force	Asynchronous alternator	Voltmeter	Thermal shut off	Ground fault interrupter	Socket 400V CEE	Socket 230V EEC	Socket 48 V	Ready for TC
	<ul style="list-style-type: none"> ● Plug 400V 16A 3PNT (T) ● Plug 230V 16A 2PT (M) ● Plug 48V 2P (M) 				<ul style="list-style-type: none"> ● Remote control TC2 with cable 20m ● Remote control TC2/50 with cable 50m ● Welding cables K190 (10+8m, 35mm²) ● Welding cables K200 (20+15m, 35mm²) 				<ul style="list-style-type: none"> ● Trolley CTM2 ● Road tow CTV3 ● Earthing kit MT10 ● PS7.1 exhaust extension (5m) 	

Technical data

TS 220 SX/EL

D.C. WELDING

Current range, continuous	20 - 170 A
Open circuit voltage	65 V
Duty cycle	170 A - 60%, 130 A - 100%
Electrode diameter	2 - 4 mm

A.C. GENERATION

50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless

Three-phase generation	6 kVA / 400 V / 8.7 A
Single-phase generation	5 kVA / 230 V / 21.7 A
Single-phase generation	2 kVA / 48 V / 41.6 A
Duty cycle	100%
Insulating class	H

On request other voltages and frequencies (60 Hz)

ENGINE

Diesel, 4-stroke, air cooled

Type	Yanmar L 100 AE
Output *	6.5 kW (8.8 HP)
Speed	3000 rpm
Displacement / Cylinders	406 cm ³ /1
Fuel consumption	245 g/kWh

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

GENERAL SPECIFICATIONS

Tank capacity	23 l
Running time (at duty cycle 60%)	20 h
Protection	IP 23
Dimensions Lxwxh (mm) *	1020x645x930
Weight *	232 kg
Noise level**	93 LWA (68 dB(A) - 7 m)

* Dimensions and weight are inclusive of all parts without optional CTM ** LWA conforms to EEC directive 535

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