

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



- Electronic regulation of welding current
- Arc control for cellulose electrodes
- Auxiliary power (13 kVA) available while welding
- Ground fault interrupter protection
- Modern, fuel efficient, diesel engine
- Engine protection (oil pressure/temperature)
- Running gear (optional)
- Meets EEC directives

### Standard equipment

Welding current electr. regulation	Arc force	Asynchronous alternator	Ground fault interrupter	3~ EEC Socket 400V EEC	1 EEC Socket 230V EEC	Fuse	Voltmeter	Ready for TC		

### Options on request

- Plug 400V or 230V 32A 3PNT (T)
- Plug 230V 32A 2PT (M)
- Welding cables K400 (20+15m, 50mm<sup>2</sup>)
- Remote control TC2 with cable 20m
- Remote control TC2/50 with cable 50m
- Site tow CTL400
- Road tow CTV3
- Earthing kit MT10

### Version on request

- Engine protection and economizer EP1 (Auto Idle), only for SX Version
- Other Voltage (110V or 48V)

### Technical data

#### TS 400 SC/EL

#### TS 400 SXC/EL

#### D.C. WELDING

Current range, continuous	20 - 400 A	20 - 400 A
Open circuit voltage	70 V	70 V
Duty cycle	400 A-35%, 350 A-60%, 300 A-100%	400 A-35%, 350 A-60%, 300 A-100%
Electrode diameter	2 - 8 mm	2 - 8 mm

#### A.C. GENERATION

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

Three-phase generation	13 kVA / 400 V / 18.7 A	13 kVA / 400 V / 18.7 A
Single-phase generation	7 kVA / 230 V / 30.4 A	7 kVA / 230 V / 30.4 A
Single-phase generation (option)	3.5 kVA / 110 V / 31.8 A	3.5 kVA / 110 V / 31.8 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

#### ENGINE

Diesel, 4-stroke, air cooled

Type	Lombardini 9LD625/2	Lombardini 9LD625/2
Output *	19.1 kW (26 HP)	19.1 kW (26 HP)
Speed	3000 rpm	3000 rpm
Displacement	1250 cm <sup>3</sup>	1250 cm <sup>3</sup>
Cylinders	2	2
Fuel consumption	250 g/kWh	250 g/kWh

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

#### GENERAL SPECIFICATIONS

Tank capacity	26 l	26 l
Running time (at duty cycle 60%)	8 h	8 h
Protection	IP 23	IP 23
Dimensions * Lxwxh (mm)	1455x870x880	1455x870x880
Weight *	450 kg	465 kg
Noise level	98 LWA (73 dB(A) - 7 m)	93 LWA (68 dB(A) - 7 m)

\* Dimensions and weight are inclusive of all parts without wheels and towbar

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