

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)
- Complies with EEC directives

Standard equipment



Diesel engine	Air cooling	Electric starter	Battery 12V	Battery charger indicator	Hour counter	Engine protection	Low fuel indicator	Engine temperature	Oil pressure indicator	Central lifting eye
Welding current electr. regulation	Arc force	Asynchronous alternator	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Fuse	Voltmeter	Ready for TC		

Options on request



- Plug 400V or 230V 32A 3PNT (T)
- Plug 230V 32A 2PT (M)
- Version on request 110V or 48V
- Version on request: Economizer EP1 (only SXC)
- Welding cables K400 (20+15m, 50mm²)
- Remote control TC2/ with cable 20m
- Remote control TC2/50 with cable 50m
- Site tow CTL400
- Road tow CTV3
- Earthing kit MT10

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

On request other voltages

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 ³	1250 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	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 ** LWA conforms to EEC directive 535

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