

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, 50mm²)
- 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 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 | | |

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