















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

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- **Ground fault interrupter**
- LOMBARDINI diesel engine
- **Electric starter**
- **Engine pretection ES**
- Site tow CTL400 (on request)
- Welding remote control (on request)
- Meets EC directives for noise and security

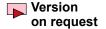


#### **Standard** $\otimes$ equipment **ES** ⊗ h 201 Ø Hight temp Battery harge alarm Electric starter Battery 12V Low press. Hours-meter Central lifting eye ٧ GA D Welding cur-rent electr. regulation Asynchronous alternator Ground fault interrupter Fuse Voltmeter Arc control kit Socket Socket

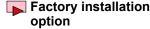
# **Options** on request

- 400V Plugs
- 230V Plugs
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- Tank locking cap
- 110V Plugs
- Welding cables K400 (20+15m, 50mm²)
- Remote control: TC2 (cable 20m) TC2/50 (cable 50m)
- Welding kit (mask, gloves, etc.)

- Earthing kit
- Site tow CTL400
- Road trolley CTV4



- Auxiliary output: 400Y 230I 48I: 1x400V 32A 3P+N+T CEE 1x230V 32A 2P+T CEE
- Auxiliary output: 400Y 230I: 1x400V 32A 3P+N+T CEE 2x230V 32A 2P+T CEE
- Auxiliary output: 400Y 230I 110I CTE: 1x400V 32A 3P+N+T CEE 1x230V 32A 2P+T CEE 1x110V 32A 2P+T CEE



 EP1 - Engine protection unit EP1 with Auto-Idle economiser (only SXC version)

# Technical data

**TS 400 SC/EL** 

TS 400 SXC/EL

### **D.C. WELDING (Costant Current)**

Current range, continuous **Duty cycle** 

Open circuit voltage

20A ÷ 400A

400 A 35% - 350 A 60% - 300 A 100%

70 V

#### A.C. GENERATION - 50Hz

## Three-phase asyncronous alternator, self-regulated, self-excited, brushless

Three-phase generation Single-phase generation Single-phase generation Single-phase generation Insulation class

13 kVA / 400 V / 18.7 A 7 kVA / 230 V / 30.4 A 3.5 kVA / 110 V / 31.8 A 5 kVA / 48 V / 104 A Н

**ENGINE** Diesel, 4-stroke, direct injection, air cooled

Model \* Output Speed

**Displacement / Cylinders** 

Fuel consumption (welding 60%)

Lombardini 9LD625/2 18.8 kW (25.5 HP) 3000 rpm 1248 cm<sup>3</sup>/ 2 3.2 l/h

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

#### **GENERAL SPECIFICATIONS**

Tank capacity Running time (welding 60%) IP protection degree

\* Dimensions Lxlxh (mm)

\* Dry weight \*\* Measured acoustic power LwA (pressure LpA)

\*\* Guaranteed acoustic power LwA (pressure LpA) \*\*\* Acoustic power LwA (pressure LpA)

450 kg

1455x840x880 465 kg

26 I

8 h IP 23

> 96 dB(A)(71 dB(A) @ 7m) 96 dB(A)(71 dB(A) @ 7m)

98 dB(A)(73 dB(A) @ 7m)

<sup>\*</sup> Dimensions and weight without trolley/trailer. \*\* Acoustic power according to European Directive 2000/14/EC. \*\*\*For fixed installation only