















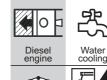


# **ENGINE DRIVEN WELDER** TS 500 PS/EL - CC/CV

- Electronic regulation of welding current and voltage
- Constant current or constant voltage operation
- Special circuit for cellulose (Base current) electrodes
- Air arc gouging outlet
- Auxiliary power (up to 20 kVA)
- **Ground Fault Interrupter protection**
- Large (60 I) fuel tank for 12 to 14 hours operation
- Fuel level gauge
- Perkins, water cooled diesel engine (1500 rpm)
- Engine protection (oil pressure/temperature/over speed)
- Complies with EEC directives























 $\otimes$ . Fuel level gauge/low fuel



















T

V Voltmeter

Ready for

**Options** on request

- Plug 400V 32A 3PNT (T)
- Plug 230V 32A or 16A 2PT (M)
- Version on request 110V
- Remote control TCPL4 with cable 20m
- Welding cables K500 (20+15m, 50mm<sup>2</sup>)
- Welding Voltmeter/Ammeter Kit AV1
- Site tow CTL22
- Road tow CTV1 Earthing kit MT10 / MT25

## Technical data

### TS 500 PS/EL CC/CV

#### D.C. WELDING CONSTANT CURRENT (CC)

Current range, continuous 20 - 500 A Open circuit voltage 60 V

**Duty cycle** 500A -35%, 450A -60%, 400A -100%

Electrode diameter

### D.C. WELDING CONSTANT VOLTAGE (CV)

15 - 40 V Load voltage range **Duty Cycle** 400A - 100% Wire diameter 0.8 - 2.8 mm

#### A.C. GENERATION Asynchronous, three-phase, self-excited, self-regulated, brushless

Three-phase generation 20 kVA / 400 V / 28.8 A Single-phase generation 12 kVA / 230 V / 52.2 A Single-phase generation (option) 6 kVA / 110 V / 54.5 A

**Duty cycle** 100% Insulating class

#### **ENGINE** Diesel, 4-stroke, water cooled

**PERKINS 3.1524** Type Output \* 27.1 kW (36.3 HP) **Speed** 1500 rpm

**Displacement** 2500 cm<sup>3</sup> Cylinders

**Fuel consumption** 215 g/kWh \* Maximum output (not overloadable) according to ISO 3046/1

#### **GENERAL SPECIFICATIONS**

60 I Tank capacity Running time (at duty cycle 60%) 14 h **IP 23 Protection** 

Dimensions \* Lxwxh (mm) 1950x872x1120

925 kg Weight \*

97 LWA (72 dB(A) - 7 m)

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<sup>\*</sup> Dimensions and weight are inclusive of all parts without wheels and towbar \*\* LWA conforms to EEC directive 535