











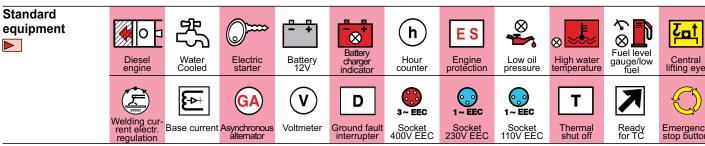




ENGINE DRIVEN WELDER TS 400 PS/EL - BC

- Perkins water cooled diesel engine (1500 rpm)
- Positive crankcase ventilation for less oil and dust in the radiator
- Engine shut-down protection (oil pressure/water temperature)
- Electronic regulation of welding current
- Special circuit for cellulose (pipe line) electrodes
- Low range (20-200 A) for small electrodes
- Auxiliary power (up to 6 kVA 110V) available while welding
- Ground fault interrupter protection
- Large (60 I) fuel tank for up to 15 hours operation
- Fuel level gauge with reserve indicator
- Running gear (optional)





Options on request

- Plug 400V 32A 3PNT (T)
- Plug 230V 32A 2PT (M)
- Remote control TC2-TC2/50 with cable 20-50m
- Welding cables K400 (20+15m, 50mm²)
- Site tow CTL22
- Road tow running gear CTV1
- Earthing kit MT10

Version

on request

- Spark arrestor muffler
- Polarity change
- Other voltages and frequences (60Hz)



Technical data

TS 400 PS/EL-BC

D.C. WELDING

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

A.C. GENERATION

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

16 kVA / 400 V / 23.1 A Three-phase generation Single-phase generation 12 kVA / 230 V / 52.2 A Single-phase generation 6 kVA / 110 V / 54.5 A 100% **Duty cycle** Insulating class

ENGINE

Diesel, 4-stroke, water cooled

PERKINS 404 C-22G Type Output * 20.3 kW (27.6 HP) Speed 1500 rpm Displacement 2216 cm³ Cylinders 243 g/kWh Fuel consumption * Maximum output (not overloadable) according to ISO 3046/1

GENERAL SPECIFICATIONS

60 I Tank capacity Running time (at duty cycle 60%) 15 h **IP 23 Protection** Dimensions * Lxwxh (mm) 1720x980x1110 780 kg Weight ' 94 LWA (69 dB(A) - 7 m) Noise level

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