

























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 l) fuel tank for up to 15 hours operation
- Fuel level gauge with reserve indicator
- Running gear (optional)



Standard equipment 											
	Diesel engine	Water Cooled	Electric starter	Battery 12V	Battery charger indicator	Hour counter	Engine protection	Low oil pressure	High water temperature	Fuel level gauge/low fuel	Central lifting eye
Options on request 											
	Welding current elect. regulation	Base current	Asynchronous alternator	Voltmeter	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Socket 110V EEC	Thermal shut off	Ready for TC	Emergency stop button
	<ul style="list-style-type: none">● Plug 400V 32A 3PNT (T)● Plug 230V 32A 2PT (M)					<ul style="list-style-type: none">● Remote control TC2-TC2/50 with cable 20-50m● Welding cables K400 (20+15m, 50mm²)			<ul style="list-style-type: none">● Site tow CTL22● Road tow running gear CTV1● Earthing kit MT10		

Version on request	<ul style="list-style-type: none"> ● Spark arrestor muffler ● Polarity change 	<ul style="list-style-type: none"> ● Other voltages and frequencies (60Hz)
--------------------	---	---

Technical data

TS 400 PS/EL-BC

D.C. WELDING

Current range, continuous	20 - 400 A
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

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

ENGINE

Diesel, 4-stroke, water cooled

Type	PERKINS 404 C-22G
Output *	20.3 kW (27.6 HP)
Speed	1500 rpm
Displacement	2216 cm ³
Cylinders	4
Fuel consumption	243 g/kWh

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

GENERAL SPECIFICATIONS

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

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