

ENGINE DRIVEN WELDER TS 500 PS/EL - BC

- Electronic regulation of welding current
- Special circuit for cellulose (pipe line) electrodes
- Low range (20 - 200 A) for small electrodes
- Air arc gouging outlet
- Auxiliary power (up to 20 kVA) available while welding
- Ground fault interrupter protection
- Perkins water cooled diesel engine (1500 rpm)
- Engine protection (oil pressure/temperature/over speed)
- Large (60 l) fuel tank for up to 14 hours operation
- Complies with EEC directives



Standard equipment											
	Diesel engine	Water cooling	Electric starter	Battery 12V	Battery charge indicator	Hour counter	Engine protection	Fuel level gauge/low fuel	Oil pressure indicator	Cold start aid	Central lifting eye
Options on request											
	Welding current electr. regulation	Base current	Asynchronous alternator	Voltmeter	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Thermal shut off	Ready for TC		

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| Options on request <ul style="list-style-type: none"> ● Plug 400V 32A 3PNT (T) ● Plug 230V 32A 2PT (M) ● Plug 230V 16A 2PT (M) | <ul style="list-style-type: none"> ● Plug 110V 16A 2PT (M) ● Welding cables K500 (20+15m, 50mm²) ● Remote control TCPL 3 with cable 20m ● Remote control adaptor TCPL 3 / TC 2 | <ul style="list-style-type: none"> ● Site tow CTL22 ● Earthing kit MT10 ● Welding volt/ammeter |
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| Version on request <ul style="list-style-type: none"> ● Other voltages and frequencies (60 Hz) ● Isometer ● Spark arrestor muffler |
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Technical data TS 500 PS/EL - BC

D.C. WELDING	
Current range, continuous	20 - 500 A
Open circuit voltage	60 V
Duty cycle	500A -35%, 450A -60%, 400A -100%
Electrode diameter	2 - 8 mm
A.C. GENERATION	
50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless	
Three-phase generation	20 kVA / 400 V / 28.9 A
Single-phase generation	12 kVA / 230 V / 52.2 A
Single-phase generation (option)	6 kVA / 110 V / 54.5 A
Single-phase generation (option)	5 kVA / 48 V / 104 A
Duty cycle	100%
Insulating class	H
ENGINE	
Diesel, 4-stroke, water cooled	
Type	PERKINS 3.1524
Output *	27.1 kW (36.3 HP)
Speed	1500 rpm
Displacement	2500 cm ³
Cylinders	3
Fuel consumption	200 g/kWh
* Maximum output (not overloadable) according to ISO 3046/1	
GENERAL SPECIFICATIONS	
Tank capacity	60 l
Running time (at 60%)	14 h
Protection	IP 23
Dimensions * Lxwxh (mm)	1950x872x1120
Weight *	925 kg
Noise level**	97 LWA (72 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC directive 535	

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