

ENGINE DRIVEN WELDER TS 500 PS - BC 60 Hz



The images are for reference

FEATURES

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (20A-200A / 20A-500A)
- Arc Gouging dedicated sockets
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interrupter
- Super silenced
- Emergency stop button
- Meets EC directives

Standard equipment												
	<ul style="list-style-type: none"> • Tank locking cap • Welding cables K400 (20+15m, 50mm 2) • Remote control: TC2 (cable 20m) - TC2/50 (cable 20m) 			<ul style="list-style-type: none"> • Welding kit (mask, gloves, etc.) • Remote control adaptor RC/TC • Earthing kit 			<ul style="list-style-type: none"> • Site tow CTL22 • Road trolley CTV1/0 • Road trolley CTV1/S 					
	<ul style="list-style-type: none"> • Auxiliary output: 400Y - 230I - 48I : 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE • Auxiliary output: 400Y - 230I - 110I : 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE • TS 500 PS-PL: Version with polarity change 											
	<ul style="list-style-type: none"> • Spark arrestor • CHALWYN Valve 											

Technical data

TS 500 PS-BC 60 Hz

D.C. WELDING (Constant Current)

Current range, continuous	20A ÷ 500A
Duty cycle	500A-35%; 450A-60%; 400A-100%
Open circuit voltage	70V

A.C. GENERATION - 50Hz - Three-phase asynchronous alternator, self-regulated, self-excited, brushless

Three-phase power	16 kVA / 400 V / 23.1 A
Single-phase power	12 kVA / 230 V / 52.2 A
Single-phase power	6 kVA / 110 V / 54.4 A
Single-phase power	5 kVA / 48 V / 104 A
Insulation class	H

ENGINE - Diesel, 4-stroke, aspirated, indirect injection, water cooled

Model	Perkins 404D-22G
* Output	22.6 kW (30.7 HP)
Displacement / Cylinders	4/ 2216 cm ³
Speed	1800 rpm
Fuel consumption (welding 60%)	4.2 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	60 l
Running time (welding 60%)	14.5 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1720 x 980 x 1110 mm
* Dry weight	780 kg
** Acoustic power LwA (pressure LpA)	94 dB(A) (69 dB(A) @ 7m)

* Values shown do not include trolleys **For fixed installation only in the EU market.

Specifications subject to change without notice. For further information please contact the sales department.