

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	Diesel engine	Water cooled	Electric starter	Battery 12V	Engine protection	Oil pressure shut down	High temp. engine shut down	Battery charge alarm	Low fuel indicator	Fuel level gauge	Warning light for preheating glow plug	Hours-meter
	Asynchronous alternator	Welding current electr. regulation	Base current diode bridge	Socket 3~	Socket 1~	Ground fault interrupter	Thermal shut off	Voltmeter	Emergency stop button	Ready for TC	Central lifting eye	

Options on request	<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/O • Road trolley CTV1/S
Version on request	<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 		
Factory Installation Option	<ul style="list-style-type: none"> • Spark arrester • 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.