

ENGINE DRIVEN WELDER TS 400 PS/EL- BC



The images are for reference

FEATURES

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (20A-200A / 20A-400A)
- Arc Gouging dedicated socket
- A.C. generator also available while welding
- Aux power also available while welding
- Ground fault interruptor
- Super silenced
- Meets EC directives for noise and security

Standard equipment												
	<ul style="list-style-type: none"> • Tank locking cap • Remote control: TC2 (cable 20m) TC2/50 (cable 50m) 			<ul style="list-style-type: none"> • Welding cables: K400 (20+15m, 50mm²) • Welding kit (mask, gloves, etc.) • Earthing kit 			<ul style="list-style-type: none"> • Site tow CTL22 • Road trolley CTV1/O • 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 CTE : 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE • TS 400 PS-PL: version with polarity change 											
	<ul style="list-style-type: none"> • Spark arrestor • CHALWYN Valve 											

Technical data

TS 400 PS/EL-BC

D.C. WELDING (Constant Current)

Current range, continuous	20A ÷ 400A
Duty cycle	400 A 60% - 350 A 100%
Open circuit voltage	70 V

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 404A-22G1
* Output	20.3 kW (27.6 HP)
Cylinders / Displacement	4/ 2216 cm ³
Speed	1500 rpm.
Fuel consumption (welding 60%)	3.8 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	60 l
Running time (welding 60%)	16 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1720x980x1110
* Dry weight	780 kg
** Measured acoustic power LwA (pressure LpA)	91 LWA (66 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	92 LWA (67 dB(A) @ 7m)

* Values shown do not include trolleys ** Acoustic power according to European Directive 2000/14/EC.

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