

ENGINE DRIVEN WELDER

TS 400 PS/EL- BC

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



The images are for reference

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~	Output 48 V	Ground fault interruptor	Thermal shut off	Voltmeter	Emergency stop button	Ready for TC	Central lifting eye

Options on request	• Tank locking cap • Remote control: TC2 (cable 20m) TC2/50 (cable 50m) • Welding cables: K400 (20+15m, 50mm²) • Welding kit (mask, gloves, etc.) • Earthing kit • Site tow CTL22 • Road trolley CTV1/O • Road trolley CTV1/S
Version on request	• 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
Factory Installation Option	• Spark arrestor • CHALWYN Valve

Technical data

TS 400 PS/EL-BC

D.C. WELDING (Costant 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.

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