

ENGINE DRIVEN WELDER TS 600 PS - 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-600A)
- Arc Gouging dedicated socket
- A.C. generator also available while welding
- Aux power also available while welding
- Ground fault interruptor
- Silenced
- Emergency stop button
- Meets EC directives for noise and security

The images are for reference

Standard equipment												
	Diesel engine	Water cooled	Battery 12V	Fuel level gauge	Hours-meter	EP7	Engine protection	Electric starter	Oil pressure shut down	High temp. engine shut down	Shut down battery charge	Low fuel shut down
Options on request												
	Asynchronous alternator	Welding current electr. regulation	Base current diode bridge	Sockets 3~	Sockets 1~	Ground fault interruptor	Thermal shut off	Voltmeter	Emergency stop button	Ready for RC	Central lifting eye	
Version on request	<ul style="list-style-type: none"> • Tank locking cap • Remote control: RC2 - RC2/90° (cable 20m) • Welding cables: K500 (20+15m, 50mm²) • Welding kit (mask, gloves, etc.) • Earthing kit • Site tow CTL35 • Road trolley CTV1/0 • Road trolley CTV1/S 											
Factory Installation Option	<ul style="list-style-type: none"> • 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 • Ammeter/Voltmeter welding • Spark arrestor • Blow-by gases oil separator filter • Gauges - Water temperature and oil pressure • Cold start aid • Oil drain pump 											

Technical data

TS 600 PS - BC

D.C. WELDING (Constant Current)

Current range, continuous	20A ÷ 600A
Duty cycle	600 A 35% - 550 A 60% - 500 A 100%
Open circuit voltage	75 V

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

Three-phase power	40 kVA / 400 V / 57.7 A
Single-phase power	15 kVA / 230 V / 65.2 A
Single-phase power	8 kVA / 110 V / 72.7 A
Insulation class	H

ENGINE - Diesel, 4-stroke, turbocharged, direct injection, water cooled

Model	Perkins 1103A - 33TG1
* Output	45.6 kW (62 HP)
Cylinders / Displacement	3/ 3300 cm ³
Speed	1500 rpm.
Fuel consumption (welding 60%)	6 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	65 l
Running time (welding 60%)	10.5 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	2030x870x1130
* Dry weight	1025 kg
** Acoustic power LwA (pressure LpA)	97 dB(A) (72 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.