

ENGINE DRIVEN WELDER TS 600 PS/EL - BC



- Electronic regulation of welding current
- Special circuit for cellulose electrodes (Base Current)
- Low range (20-200 A) for small electrodes
- Air arc gouging outlet
- Auxiliary power (up to 30 kVA)
- Ground fault interrupter protection
- Perkins, diesel engine water cooled (1500 rpm)
- Engine protection (oil pressure/temperature/over speed)
- Complies with EEC directives

Standard equipment											
	Diesel engine	Water cooling	Electric starter	Battery 12V	Hour counter	Engine protection	Low oil pressure	High temperature	Overspeed	Battery charger indicator	Fuel level gauge/low fuel
Options on request											
	Welding current electr. regulation	Base current	Asynchronous alternator	Voltmeter	Ground fault interrupter	Socket 400V EEC	Socket 230V EEC	Ready for TC	Thermal shut off	Lifting eye	Cold start aid
	● Plug 400V 32A 3PNT (T)	● Plug 230V 32A and 16A 2PT (M)	● Version on request 110V		● Welding cables K500 (20+15m, 50mm ²)	● Remote control TCPL3 with cable 20m	● Welding volt/ammeter AV1		● Site tow CTL22	● Earthing kit MT10	● Remote control adaptor TCPL3 / TC2

Technical data

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D.C. WELDING	
Current range, continuous	20 - 600 A
Open circuit voltage	60 V
Duty cycle	600A - 35%, 550A - 60%, 450A - 100%
Electrode diameter	2 - 8 mm
A.C. GENERATION	
Three-phase generation	30 kVA / 400 V / 43.3 A
Single-phase generation	15 kVA / 230 V / 65.2 A
Single-phase generation (option)	8 kVA / 110 V / 72.7 A
Duty cycle	100%
Insulating class	H
On request other voltages and frequencies (60 Hz)	
ENGINE	
Diesel, 4-stroke, water cooled	
Type	PERKINS 1004 G NFE
Output *	45 kW (61 HP)
Speed	1500 rpm
Displacement	3990 cm ³
Cylinders	4
Fuel consumption	215 g/kWh
* Maximum output (not overloadable) according to ISO 3046/1	
GENERAL SPECIFICATIONS	
Tank capacity	66 l
Running time (60%)	11 h
Protection	IP 23
Dimensions * Lxwxh (mm)	2090x850x1120
Weight *	1100 kg
Noise level**	99 LWA (74 dB(A) - 7 m)
* Dimensions and weight are inclusive of all parts without wheels and towbar ** LWA conforms to EEC directive 535	

Values shown are nominal values. For further information please contact the sales department.