

# ENGINE DRIVEN WELDER TS 2x400 PSX/EL - PL

- Electronic regulation of welding current
- Special circuit for cellulose (pipe line) electrodes
- Polarity change for pipe line welding
- Low range (20-200 A) for small electrodes
- Auxiliary power (40 kVA)
- Isometer protection eliminates need for grounding
- Modern, fuel efficient, diesel engine (1500 rpm)
- Engine protection (oil pressure/temperature/over speed)
- Large (110 l) fuel tank for up to 14 hours operation
- Running gear (optional)



Standard equipment												
	Diesel engine	Water cooling	Electric starter	Battery 12V	Hour counter	Engine protection	Overspeed	Fuel level gauge/low fuel	High temperature	Low oil pressure	Battery charger indicator	
Options on request												
	Welding current electr. regulation	Polarity change	Base current	Welding ammeter d.c.	Voltmeter	Circuit breaker	Socket 400V EEC	Socket 230V EEC	Socket 230V Schuko	Isolation monitoring	Lifting eye	
	● Plug 400V 32A 3PNT (T)	● Plug 230V 32A 2PT (M)	● Plug 110V 32A 2PT (M)			● TCPL4 Remote control with cable 20m	● Welding cables K400 (20+15m, 50mm <sup>2</sup> )	● Welding cables K500 (20+15m, 50mm <sup>2</sup> )		● Cold start aid	● Site tow CTL45/CTLR45	● Earthing Kit MT10/MT25

## Technical data

## TS 2x400 PSX/EL-PL

<b>D.C. WELDING</b>	
Current range, continuous	20 - 2x400 A
Open circuit voltage	70 V
Duty cycle	2x400 A - 35%, 2x360 A - 60%, 2x330 A - 100%
Electrode diameter	2 - 8 mm
<b>A.C. GENERATION</b>	
50 Hz, asynchronous, three-phase, self-excited, self-regulated, brushless	
Three-phase generation	40 kVA / 400 V / 58 A
Single-phase generation	20 kVA / 230 V / 87 A
Single-phase generation (option)	3 kVA / 110 V / 27.3 A
Single-phase generation (option)	5 kVA / 48 V / 104 A
Duty cycle	100%
Insulating class	H
On request other voltages and frequencies (60 Hz)	
<b>ENGINE</b>	
Diesel, 4-stroke, water cooled	
Type	PERKINS 1004 G NFE
Output *	45 kW (61 HP)
Speed	1500 rpm
Displacement	3990 cm <sup>3</sup>
Cylinders	4
Fuel consumption	215 g/kWh
* Maximum output (not overloadable) according to ISO 3046/1	
<b>GENERAL SPECIFICATIONS</b>	
Tank capacity	110 l
Running time (at duty cycle 60%)	14 h
Protection	IP 23
Dimensions * Lxwxh (mm)	2720x1000x1250
Weight *	1250 kg
Noise level**	93 LWA (68 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.