

ENGINE DRIVEN WELDER

TS 2x400 PSX - BC

FEATURES

- Arc welding source in D.C. welding
- Two independent welding positions to 400A
- Specific welding programs for cellulose electrodes
- Electronic regulation of welding current
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (HALF/FULL - 50% / 100%)
- Digital welding Ammeter / Voltmeter
- Aux power also available while welding
- Super Silenced
- Emergency stop button
- Meets EC directives for noise and security



The images are for reference

Standard equipment												
	• Remote control: RC2 - RC2/90° (cable 20m) • Site tow CTL45											
	• Auxiliary output 400Y - 230V - 110V 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 • Main battery switch											

Technical data

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D.C. WELDING (Costant Current) - SMAW (STICK)/ GTAW (TIG) CC (Costant Current)

Current range, continuous	20A ÷ 400A (2x)
Duty cycle	2x400 A 35% - 2x360 A 60% - 2x330 A 100%
Open circuit voltage	68 V

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

Three-phase power	40 kVA / 400 V / 57.8 A
Single-phase power	20 kVA / 230 V / 87 A
Single-phase power	10 kVA / 110 V / 90.9 A
Single-phase power	5 kVA / 48 V / 104 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%)	6.7 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	102 l
Running time (welding 60%)	15 h
IP protection degree	IP 44
* Dimensions LxIhx (mm)	2490x1030x1480
* Dry weight	1300 kg
** Measured acoustic power LwA (pressure LpA)	89 dB(A) (64 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	90 dB(A) (65 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.