

ENGINE DRIVEN WELDER

DSP 2x400 PSX

FEATURES

- Arc multi-process welder:
 - SMAW: Shielded Metal Arc welding (Stick)
 - GTAW: Gas Tungsten Arc Welding (TIG) - Contact starting
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
- Two independent welding positions to 400A
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50% / 100%)
- Digital welding Ammeter / Voltmeter
- Aux power also available while welding
- Super silenced
- 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	Engine protection	Electric starter	Oil pressure shut down	High temp. engine shut down	Over speed shut down	Shut down battery charge	Allarme riserva carburante
	Asynchronous alternator	Welding digital control	Welding control selector	Digital welding Volt./Amm.	Sockets	Output 48 V	Ground fault interruptor	Thermal shut off	Voltmeter	Emergency stop button	Ready for RC	Central lifting eye
Options on request	- Wirefeeder WF4 (for MIG welding) - Remote control: RC2/90° (cable 20m) - RC1/90° (for vers. PL - cable 20m) - Welding cables: K400 e K500 (20+15m, 50mm²) - Welding kit (mask, gloves, etc.) - Tank locking cap - Earthing kit - Site tow CTL45 - Site tow with selectable height CTL45											
Version on request	- Auxiliary output 400Y/230I/48I: 2x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE - 2x48V 32A 2P CEE - Auxiliary output 400Y/230I: 2x400V 32A 3P+N+T CEE - 2x230V 32A 2P+T CEE - 4x230V 16A 2P+T CEE - Auxiliary output 400Y/230I/110I CTE: 2x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE - 1x110V 32A 2P+T CEE - 2x110V 16A 2P+T CEE - PL version: version with polarity change and VRD - Voltage reduction device											
Options factory installed	- VRD - Voltage reduction device - Gauges - Water temperature and oil pressure - Main battery switch - Spark arrestor - Cold start aid - Blow-by gases oil separator filter - Oil drain pump											

Technical data

C.C. WELDING (Constant Current)	SMAW (STICK)/ GTAW (TIG) CC (Constant Current)	DSP 2x400 PSX	C.C. Welding Constant Current	GMAW (MIG)/ FCAW (FLUX CORED) CV (Constant Voltage)
Current range	10 ÷ 400A		Current range	16 - 36V
Duty cycle	2x400A - 35%, 2x360A - 60%, 2x330A - 100%		Duty cycle	2x360A 60% - 2x330A 100%
Open circuit voltage	68V		--	--

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, indirect injection, water cooled

Model	Perkins 1103A-33TG1
* Output	45.6 kW (62 HP)
Cylinders / Displacement	3/ 3300 cm³
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	1350 kg
** Measured acoustic power LwA (pressure LpA)	89 dB(A) (64 dB(A) @ 7 m)
** Guaranteed acoustic power LwA (pressure LpA)	90 dB(A) (65 dB(A) @ 7 m)

* 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.