MOSA ISO 9001:2008 - Cert. 0192 | 97/98/EC Stage II | LWA 2000 / 14 / CE | CE | S Y I | Made in Italy

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	Hight temp. engine shut down	Over speed shut down	Shut down battery charge	Allarme riser-va carburante
Asynchro-nous 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 forRC	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 CTLR45

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		DSP 2x400 PSX	
C.C. WELDING (Costant Current)	**SMAW (STICK)/ GTAW (TIG) CC (Costant Current)**	**C.C. Welding Costant Current**	**GMAW (MIG)/ FCAW (FLUX CORED) CV (Costant 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 asyncronous 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 Lxlxh (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.

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