

ENGINE DRIVEN WELDER DSP 2x400 PSX

- Arc multi-process welder:
 - SMAW: Shielded Metal Arc welding (Stick)
 - GMAW: Gas Metal Arc Welding (MIG)
 - FCAW: Flux Cored Arc Welding (Flux Cored)
 - GTAW: Gas Tungsten Arc Welding (TIG) - Contact starting
- Two independent welding positions
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50% / 100%)
- Digital Ammeter/voltmeter welding
- Aux power also available while welding
- Engine Diesel PERKINS water cooled 1500 rpm.
- Super Silenced
- Engine protection Ep5
- Site tow CTL45 (on request)
- Welding remote control (on request)
- Meets EC directives for noise and security



Standard equipment												
Options on request	<ul style="list-style-type: none"> ● 400V / 230V plugs ● HF striking device ● Ten pole remote control connector ● Wire feeder WF4 (for MIG welding) 			<ul style="list-style-type: none"> ● Remote control: RC2 - RC2/90° (cable 20m) ● RC1 (per version PL - cable 20m) ● Welding cables: K400 + K500 (20+15m, 50mm²) ● Welding kita (mask, gloves, etc.) ● Tank locking cap 			<ul style="list-style-type: none"> ● Earthing kit ● Site tow CTL45 ● Site tow with selectable height CTLR45 ● Road trolley CTV1 					
	<ul style="list-style-type: none"> ● 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 ● Version PL: version with polarity change and VRD (Voltage reduction device) 											
Factory installation option	<ul style="list-style-type: none"> ● VRD - Voltage reduction device ● Gauges - Water temperature and oil pressure 			<ul style="list-style-type: none"> ● Spark arrester ● Cold start aid 			<ul style="list-style-type: none"> ● Blow-by gases oil separator filter ● Oil drain pump 					

Technical data

DSP 2x400 PSX

C.C. WELDING (Constant Current)	SMAW (STICK)/ GTAW (TIG) CC (Constant Current)	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 turbocharged, direct injection, water cooled
Model	Perkins 1103C-33TG3
* Output	45.6 kW (62 HP)
Speed	1500 rpm
Displacement / Cylinders	3.3 l (3300 cm ³) / 3
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) @ 7 m)
** Guaranteed acoustic power LwA (pressure LpA)	90 dB(A) (65 dB(A) @ 7 m)
* Dimensions and weight without trolley/trailer. ** Acoustic power according to European Directive 2000/14/EC.	

Mosa reserves the right to change this specification without notice. For further information please contact the sales department