

ENGINE DRIVEN WELDER DSP 500 PS



The images are for reference

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)
- 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
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Emergency stop button
- Super silenced
- Meets EC directives for noise and security

Standard equipment												

Options on request	<ul style="list-style-type: none"> • Wirefeeder WF4 (for MIG welding) • Remote control: RC2 - RC2/90° (cable 20m) • RC1 (for vers. PL - cable 20m) 	<ul style="list-style-type: none"> • Welding cables: K400 (20+15m, 50mm²) • Welding kit (mask, gloves, etc.) • Tank locking cap • Earthing kit 	<ul style="list-style-type: none"> • Site tow CTL22 • Road trolley CTV1/O • Road trolley CTV1/S
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Version on request	<ul style="list-style-type: none"> • Auxiliary output 400Y/230I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE • Auxiliary output 400Y/230I: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE • Auxiliary output 400Y/230I/110I CTE: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE • PL version: version with polarity change and VRD - Voltage reduction device
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Options factory installed	<ul style="list-style-type: none"> • VRD - Voltage reduction device • Spark arrestor • CHALWYN Valve
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Technical data		DSP 500 PS	
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 - 500A	Current range	16 - 40V
Duty cycle	500A - 35%, 450 A - 60%, 400A - 100%	Duty cycle	450A 60% - 400A 100%
Open circuit voltage	62V		--

A.C. GENERATION - 50Hz - Three-phase asynchronous alternator, self-regulated, self-excited, brushless	
Three-phase power	16 kVA / 400 V / 23.1 A
Single-phase power	12 kVA / 230 V / 52.2 A
Single-phase power	6 kVA / 110 V / 54.5 A
Insulation class	H

ENGINE - Diesel 4-stroke, indirect injection, water cooled	
Model	Perkins 404D-22G
* Output	20.3 kW (27.6 HP)
Cylinders / Displacement	4/ 2216 cm ³
Speed	1500 rpm.
Fuel consumption (welding 60%)	3.8 l/h

GENERAL SPECIFICATIONS	
Tank capacity	60 l
Running time (welding 60%)	16 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	1720x980x1110
* Dry weight	750 kg
** Measured acoustic power LwA (pressure LpA)	91 LWA (66 dB(A) @ 7m)
** Guaranteed acoustic power LwA (pressure LpA)	92 LWA (67 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.