

ENGINE DRIVEN WELDER DSP 600 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
- Meets EC directives for noise and security

Standard equipment												
	Asynchronous alternator	Welding digital control	Welding control selector	Digital welding Volt./Amm.	Sockets	Ground fault interruptor	Thermal shut off	Voltmeter	Emergency stop button	Ready for RC	Central lifting eye	
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: K500 (20+15m, 50mm²) • Welding kit (mask, gloves, etc.) • Tank locking cap • Earthing kit 			<ul style="list-style-type: none"> • Site tow CTL35 • Road trolley CTV1/0 • Road trolley CTV1/S 					
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 											
Options factory installed	<ul style="list-style-type: none"> • VRD - Voltage reduction device • Gauges - Water temperature and oil pressure 			<ul style="list-style-type: none"> • Spark arrestor • Cold start aid 			<ul style="list-style-type: none"> • Blow-by gases oil separator filter • Oil drain pump 					

Technical data

C.C. WELDING (Constant Current)		SMAW (STICK)/ GTAW (TIG) CC (Constant Current)		DSP 600 PS	
				C.C. Welding Constant Current	
				GMAW (MIG)/ FCAW (FLUX CORED) CV (Constant Voltage)	
Current range	10 ÷ 600A			Current range	16 - 40V
Duty cycle	600A - 35%, 550 A - 60%, 500A - 100%			Duty cycle	550A 60% - 500A 100%
Open circuit voltage	60V				--

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

Three-phase power	30 kVA / 400 V / 43.3 A
Single-phase power	15 kVA / 230 V / 65.2 A
Single-phase power	8 kVA / 110 V / 72.7 A
Insulation class	H

ENGINE - Diesel 4-stroke, direct injection, water cooled

Model	Perkins 1103A - 33G1
* Output	30.4 kW (41.3 HP)
Cylinders / Displacement	3/ 3300 cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	5 l/h

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

GENERAL SPECIFICATIONS

Tank capacity	65 l
Running time (welding 60%)	13 h
IP protection degree	IP 23
* Dimensions LxIhx (mm)	2030x870x1130
* Dry weight	1000 kg
** Measured acoustic power LwA (pressure LpA)	94 dB(A) (69 dB(A) @ 7 m)
** Guaranteed acoustic power LwA (pressure LpA)	95 dB(A) (70 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.