

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 safety

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| STANDARD EQUIPMENT | | | | | | | | | | | | |
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| 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/230L: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x230V 16A 2P+T CEE Auxiliary output 400Y/230L: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 2x230V 16A 2P+T CEE Auxiliary output 400Y/230L/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 | | DSP 600 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 ÷ 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

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|--------------------|-------------------------|
| 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

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|--------------------------------|-------------------------|
| 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

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|-------------------------------------------------|---------------------------|
| 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.