

## Engine Driven Welder

### DSP 600 PS-CC/CV - Diesel

#### Key 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
- Meets EC directives for noise and safety

#### C.C. Welding (Constant Current) SMAW (Stick)/GTAW (TIG)

Current range	10 - 600A
Duty cycle	600A - 35%, 550A - 60%, 500A - 100%
Open circuit voltage	60V

#### C.C. Welding (Constant Current) GMAW (MIG)/FCAW (Flux Cored) CV (Constant Voltage)

Current range	16 - 40V
Duty cycle	550A - 60%, 550A - 100%

#### A.C. Generation - 50Hz - Three-Phase Asynchronous Alternator, Self-Regulated, Self-Exciting, Brushless

Three-phase power	30 kVA (24 kW) / 400V / 43.3A
Single-phase power	15 kVA (12 kW) / 230V / 65.2A
Single-phase power	8 kVA (6.4 kW) / 110V / 72.7A
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 / 3300cm <sup>3</sup>
Speed	1500 rpm
Fuel consumption (welding 60%)	5 l/h

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

#### General Specifications

Tank capacity	65 litres
Running time (welding 60%)	13 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	2030 x 870 x 1130
Dry weight*	1000 Kg
Measured acoustic power LwA (pressure LpA)**	94 dB(A) (69 dB(A) @ 7m)
Guaranteed acoustic power LwA (pressure LpA)**	95 dB(A) (70 dB(A) @ 7m)

\* Values shown do not include trolleys \*\* Acoustic power according to European Directive 2000/14/EC.

Order Code: 35.78613



1500 RPM

#### Optional

- Wirefeeder WF4 (for MIG welding)
- Tank locking cap
- Remote control:
  - RC2 - RC2/90° (cable 20m)
  - RC1 (for vers. PL - cable 20m)
- Welding cables: 50mm<sup>2</sup>
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Road trailer
- Spark arrester
- Chalwyn valve

Version on Request: PL version: version with polarity change

