

Engine Driven Welder

DSP 2X400 PSX-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)
- Two independent welding positions to 400A
- High frequency digital control of welding current and voltage
- Specific welding programs for cellulose electrodes
- Double welding range (HALF/FULL - 50% / 100%)
- Aux power also available while welding
- Super silenced
- Meets EC directives for noise and safety



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

Current range	10 - 400A
Duty cycle	2 x 400A - 35%, 2 x 360A - 60%, 2 x 330A - 100%
Open circuit voltage	68V

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

Current range	16 - 36V
Duty cycle	2 x 360A - 60%, 2 x 330A - 100%

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

Three-phase power	40 kVA (32 kW) / 400V / 57.8A
Single-phase power	20 kVA (16 kW) / 230V / 87A
Insulation class	H

Engine - Diesel, 4-Stroke, Indirect Injection, Water Cooled

Model	Perkins 1103A-33TG1
Output*	45.6 kW (62 HP)
Cylinders / Displacement	3 / 3300cm ³
Speed	1500 rpm
Fuel consumption (welding 60%)	6.7 l/h

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

General Specifications

Tank capacity	102 litres
Running time (welding 60%)	15 hours
IP protection degree	IP 23
Dimensions LxWxH (mm)*	2490 x 1030 x 1480
Dry weight*	1350 Kg
Measured acoustic power L _{wA} (pressure L _{pA})**	89 dB(A) (64 dB(A) @ 7m)
Guaranteed acoustic power L _{wA} (pressure L _{pA})**	90 dB(A) (65 dB(A) @ 7m)

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

Order Code: 35.86680

Optional

- Wirefeeder WF4 (for MIG welding)
- Tank locking cap
- Remote control:
 - RC2 - RC2/90° (cable 20m)
 - RC1/90° (for vers. PL - cable 20m)
- Welding cables: 50mm²
- Welding kit (mask, gloves, etc.)
- Earthing kit
- Site tow CTL300
- Site tow (selectable height) CTLR45
- Road trailer

Optional (Factory Installed)

- Gauges - water temperature and oil pressure
- Main battery switch
- Spark arrestor
- Cold start aid
- Blow-by gases oil separator filter
- Oil drain pump

Version on Request: Auxiliary output 400Y/230I/110I CTE:
 2 x 400V 32A 3P + N + T CEE 1 x 230V 32A 2P + T CEE 2 x 230V 16A 2P + T CEE
 1 x 110V 32A 2P + T CEE 2 x 110V 16A 2P + T CEE
 PL version: version with polarity change and VRD - Voltage reduction device

