

ENGINE DRIVEN WELDER TS 600 PS - BC

- Arc welding source in D.C. welding
- Electronic regulation of welding current
- Welds any type of electrode, including cellulosic
- Special BC (Base Current) circuit for pipes descending welding
- Double welding range (20A-200A / 20A-600A)
- Arc Gouging dedicated socket
- A.C. generator also available while welding
- Aux power also available while welding
- Ground fault interruptor
- Engine Diesel PERKINS water cooled 1500 rpm
- Engine protection EP7
- Silenced
- Emergency stop button
- Meets EC directives for noise and security



Standard equipment												
Options on request	- Tank locking cap - Remote control: RC2 - RC2/90° (cable 20m) - Welding cables: K500 (20+15m, 50mm²) - Welding kit (mask, gloves, etc.) - Earthing kit - Site tow CTL35 - Road trolley CTV1/O - Road trolley CTV1/S											

Version on request	Auxiliary output: 400V - 230V - 110V CTE : 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE											
Options factory installed	- Ammeter/Voltmeter welding - Gauges - Water temperature and oil pressure - Spark arrestor - Cold start aid - Blow-by gases oil separator filter - Oil drain pump											

Technical data

TS 600 PS - BC

D.C. WELDING (Costant Current)

Current range, continuous

20A ÷ 600A

Duty cycle

600 A 35% - 550 A 60% - 500 A 100%

Open circuit voltage

75 V

A.C. GENERATION - 50Hz

Three-phase asynchronous alternator, self-regulated, self-excited, brushless

Three-phase generation

40 kVA / 400 V / 57.7 A

Single-phase generation

15 kVA / 230 V / 65.2 A

Single-phase generation

8 kVA / 110 V / 72.7 A

Insulation class

H

ENGINE

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

Model

Perkins 1103A - 33TG1

* Output

45.6 kW (62 HP)

Cylinders / Displacement

3/ 3300 cm³

Speed

1500 rpm.

Fuel consumption (welding 60%)

6 l/h

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

GENERAL SPECIFICATIONS

Tank capacity

65 l

Running time (welding 60%)

10.5 h

IP protection degree

IP 23

* Dimensions LxHxW (mm)

2030x870x1130

* Dry weight

1025 kg

Acoustic power LwA (pressure LpA)

97 dB(A) (72 dB(A) @ 7m)

* Values shown do not include trolleys



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Mosa reserves the right to change this specification without notice. For further information please contact the sales department.