

ENGINE DRIVEN WELDER TS 600 PS - BC

- Engine Diesel PERKINS water cooled 1500 rpm
- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- Special BC (Base Current) circuit for downhill pipe welding
- Double welding range (20A-200A / 20A-600A)
- Arc Gouging dedicated sockets
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interrupter
- Engine protection EP7
- Silenced
- Emergency stop button
- Site tow CTL35 (on request)
- Welding remote control (on request)
- Meets EC directives for noise and security



Standard equipment												
Options on request	<ul style="list-style-type: none"> • Plugs 400V • Plugs 230V • Plugs 110V • Tank locking cap 			<ul style="list-style-type: none"> • Remote control: RC2 - RC2/90° (cable 20m) • Welding cables: K500 (20+15m, 50mm²) • Welding kita (mask, gloves, etc.) • 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 - 110I CTE: 1x400V 32A 3P+N+T CEE - 1x230V 32A 2P+T CEE - 1x110V 32A 2P+T CEE - 1x110V 16A 2P+T CEE 											
Factory installation option	<ul style="list-style-type: none"> • Ammeter/Voltmeter welding • 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

TS 600 PS - BC

D.C. WELDING (Constant 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 power	40 kVA / 400 V / 57.7 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, turbocharged, direct injection, water cooled

Model	Perkins 1103A - 33TG1
* Output	45.6 kW (62 HP)
Cylinders / Displacement	3/ 3300 cm ³
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 LxIhx (mm)	2030x870x1130
* Dry weight	1025 kg
Acoustic power LwA (pressure LpA)	97 dB(A) (72 dB(A) @ 7m)

* Dimensions and weight without trolley/trailer.

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