



ENGINE DRIVEN WELDER TS 600 PS-BC 60Hz

Perkins, water cooled diesel engine (1800 rpm)
Engine protection EP7 (oil pressure/temperature/battery charge)
Electronic regulation of the welding current
Special circuit for cellulose (pipeline) electrodes
Low range (20-200 A) for small electrodes
Air arc gouging separate output
Auxiliary power (up to 40 kVA) while welding
Ground Fault Interrupter protection
Large (65 l) fuel tank for up to 11 hours operation
Bunded base

Technical data

CONSTANT CURRENT (C.C.) WELDING

Current range, continuous	20-600A
Open Circuit Voltage	75V
Duty Cycle at 40°C	600 A-35%; 550 A-60%; 500 A-100%

A.C. GENERATION 60Hz

Three-phase generation	30 kVA/400V/43,3 A
Single-phase generation	15 kVA/230V/65,2 A
Single-phase generation	8 kVA/ 110V/ 72,7A
Duty cycle	100%
Insulating class	H

ENGINE

Type	Perkins 1103A 33G
Output (Stand-by)	35,4 kW (48,1 HP)
Speed	1800 rpm
Displacement	3300 cm ³
Cylinders	3
Fuel consumption (at duty cycle 60%)	6 l/h

GENERAL SPECIFICATIONS

Tank capacity	65 l
Running time (at duty cycle 60%)	10,8 h
Protection	IP 23
Dimensions * Lxwxh (mm)	2050x850x1135
Weight *	1110 kg
Noise level	100 LWA (75 dB(A) – 7m)

* Dimensions and weight are inclusive of all parts without wheels and towbar

Values shown are nominal values. For further information please contact the sales department

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