ISO 9001:2000 - Cert. 0192

ENGINE DRIVEN WELDER
TS 200 DES/EL

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Electronic regulation of welding current
- A.C. generator, single-phase and three-phase
- Aux power also available while welding
- Ground fault interrupter
- Sockets: 1x400V 16A 3P+N+T CEE - 1x230V 16A 2P+T CEE - 1x48V 32A 2P CEE
- YANMAR diesel engine
- Electric starter
- Protective frame
- Manual trolley CTM (on request)
- Welding remote control (on request)
- Meets EC directives

Standard equipment

Diesel engine	Air cooling	Electric starter	Low press. shut down	Battery charge alarm	Hours-meter	Ready for TC	
Asynchronous alternator	Welding current electr. regulation	3~ Socket	1~ Socket	1~ Socket	Ground fault interrupter	Thermal shut off	

Options on request

- 400V plug
- 230V plug
- 48V plug
- Welding cables: K190 (10+8m, 35mm^2) K200 (20+15m, 35mm^2)
- Remote control: TC2 (cable 20m) - TC2/50 (cable 50m)
- Welding kit (mask, gloves, etc.)
- PB3 battery holder complete with battery
- Earthing kit
- Manual trolley CTM6/2

Technical data — TS 200 DES/EL

D.C. WELDING (Costant Current)	
Current range, continuous	20 ÷ 170 A
Service	170 A 60% - 130 A 100%
Duty cycle	65 V
D.C. GENERATION - 50Hz	**Three-phase asyncronous alternator, self-regulated, self-excited, brushless**
Three-phase generation	6 kVA / 400 V / 8.7 A
Single-phase generation	5 kVA / 230 V / 21.7 A
Single-phase generation	2 kVA / 48 V / 41.6 A
Insulation class	H
ENGINE	**Diesel, 4-stroke, direct injection, air cooled**
Model	Yanmar L 100 N
*** Output**	6.5 kW (8.8 HP)
Speed	3000 rpm
Displacement / Cylinders	435 cm^3/ 1
Fuel consumption (welding 60%)	1 l/h

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

GENERAL SPECIFICATIONS	
Tank capacity	5.5 l
Running time (welding 60%)	5.5 h
IP protection degree	IP 23
*** Dimensions Lxlxh (mm)**	900x550x622
*** Dry weight**	133 kg
**** Acoustic power LwA (pressure LpA)**	99 dB(A) (74 dB(A) @ 7 m)

* Values shown do not include trolleys. ** For fixed installation only

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

© MOSA - Viale Europa, 59 - 20090 Cusago (Milano) - Italy -phone +39-0290352.1 - fax + 39-0290390466 **E-mail**: info@mosa.it **Web site**: www.mosa.it