ISO 9001:2000 - Cert. 0192

ENGINE DRIVEN WELDER
TS 200 DS/CF - DES/CF

- Arc welding source in D.C. welding
- Welds any type of electrode, including cellulosic
- Double welding output (20-100A / 90-190A)
- A.C. generator, single-phase and three-phase
- Ground fault interrupter
- Output sockets: 1x400V 16A 3P+N+T CEE
  1x230V 16A 2P+T CEE - 1x48V 32A 2P CEE
- YANMAR diesel engine
- Manual recoil (DS) - Electric starter (DES)
- Protective frame
- Trolley CTM (on request)
- Meets EC directives

Standard equipment

Diesel engine	Air cooling	Manual recoil	Electric starter	Battery charge alarm *	low press. shut down *					* only DES ** only DS	
Asynchronous alternator	Socket 3~	Socket 1~	Socket 1~	Ground fault interrupter	Thermal shut off						

Options on request

- 400V Plug
- 230V Plug
- 48V Plug
- Welding kit (mask, gloves, etc.)
- Welding cables: K190 (10+8m, 35mm^2)
  K200 (20+15m, 35mm^2)
- PB3 battery holder complete with battery
- Earthing kit
- Trolley CTM6/2

Technical data

Technical data	TS 200 DS/CF	TS 200 DES/CF
D.C. WELDING (Costant Current)		
Current range, continuous	20 ÷ 100 A / 90 ÷ 190A	
Duty cycle	190 A 35% - 160 A 60% - 120 A 100%	
Open circuit voltage	98 V	
A.C. GENERATION - 50 Hz	**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**	130 kg	131 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