



MOSA TS 200 DES/CF MMA Arc Welder Engine STAGE 5

Reference:

The engine-driven welder TS-200 DES/CF is a lightweight machine without electronics: the welding current is adjusted by changing the rpm of the engine.

Equipped with a YANMAR L100N diesel engine with electrical start-up and an asynchronous alternator, it can be used as a welder or as a three-phase and single-phase electrical generator up to 6 kVA.

The welding current is continuous and has two welding scales (20-100A / 90-190A) that are selectable by connecting to two different welding sockets. You can weld with electrodes up to 4 mm in diameter.

An engine-driven welder suitable for a wide range of uses from maintenance to site welding and pipe fabrication.

In accordance with CE regulation

WELDING

Current range, continuous: 20 ÷ 100A / 90 ÷ 190A

Duty cycle: 190 A 35% - 160 A 60% - 120 A 100%

Open circuit voltage: 98 V

Arc welding source in D.C. welding

Welds any type of electrode, including cellulosic

Double welding scale 20-100A / 90-190A

A.C. generator, single-phase and three-phase

GENERAL

Sockets: 1x400V 16A 3P+N+T CEE - 1x230V 16A 2P+T CEE - 1x48V 32A 2P CEE

Protective frame

Dry weight TS 200 DES/CF: 150 kg

Dimensions: 900x550x620 mm

Acoustic power LwA (pressure LpA): 99 dB(A) (74 dB(A) @ 7 m)

Non-binding images and technical data.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	4
Maximum power single phase (KVA)	5
Maximum power three phase (KW)	4.8
Maximum power three phase (KVA)	6
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 16A 3P+N+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 48V 32A 2P CEE
Engine	YANMAR L100V STAGE 5
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Elettrico
Engine capacity (cm ³)	435
Number cylinders	1
Cooling	Air
Inyección	Direct
Alternator	Asynchronous three-phase, self-excited, self-regulated, brushless
Regulation current (A)	20 - 190
Welding current (A)	190 at 35% - 160 at 60% - 120 at 100%
Open circuit voltage (V)	98
Maximum diameter electrodes (mm)	4
Type of welding current	DC
Type of welding	MMA
Fuel tank capacity (L)	5.5
Consumption (L/h)	1
Running time (h)	5.5
Acoustic power	99 dB(A)

Acoustic pressure	74 dB(A) at 7 m
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Length (mm)	
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Width (mm)	550
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Height (mm)	620
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Dry weight (Kg)	
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Silenced	No
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Super silenced	No
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Engine manufacturer	Yanmar
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