



# WFM C165-TDE



## Product description:

### WFM C165-TDE MOTORWELDING MACHINE 5KVA

WFM C165-TDE is a motorwelder equipped with a Honda GX270 gasoline engine, capable of delivering a three-phase power of 5KVA.

WFM C165-TDE is a motorwelding machine with welding current from 160 to 220A max, with air-cooled gasoline or diesel engine at 3000 rpm, in open frame complete with recoil starter with self-winding or key including battery depending on the model and electrical panel with sockets and protection as standard.

Not intended for outdoor use.

Noise level not in compliance with Directive 2000/14/EC.

## Main features:

- Sturdy protective frame
- Original Honda, Yanmar and Lombardini engine
- Low oil level protection
- Silencer muffler
- Primary Italian brand alternator with built-in welder
- Electric start with 12V battery supplied with acid or manual with self-winding, depending on models
- Full load test with test certificate
- User manual complying with safety regulations

## TECHNICAL FEATURES WFM C165-TDE

Maximum power Single phase: 1.6 KW

Maximum single-phase power: 2 KVA

Maximum three-phase power: 4 KW



Maximum three-phase power: 5 KVA  
Fuel: Diesel  
Voltage: 230 V / 400 V  
Frequency: 50 Hz  
Motor: Yanmar L100AE  
Firing: Electric  
Welding Current: 160 A (max) - 120 A (60%)  
Trigger Voltage: 85 V  
Electrode Diameter: 1 mm - 3.5 mm  
Consumption: 2 Lt at 100% load  
Length: 800 mm  
Width: 550 mm  
Height: 670 mm  
Weight: 141 Kg

Are you looking for a welding machine with different technical characteristics? Here you can find the full range of WFM and other specialized brands.

Images are indicative only.

**Product features:**

Phase: Single phase / Three phase  
Maximum power single phase (KW): 1.6  
Maximum power single phase (KVA): 2  
Maximum power three phase (KW): 4  
Maximum power three phase (KVA): 5  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1 x 400V 16A 5P CEE - 1 x 230V 16A 3P CEE  
Engine: Yanmar L100AE  
Engine rpm (rpm): 3000  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 436  
Number cylinders: 1  
Oil capacity (L): 2  
Cooling: Air  
Alternator: Synchronous  
Welding current (A): 160 (max) - 120 at 60%  
Open circuit voltage (V): 85  
Diameter electrodes (mm): 1 - 3.5  
Fuel tank capacity (L): 5.5



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Consumption (L/h): 2 at 100% of the load  
Running time (h): 2.75 at 100% of the load  
Acoustic power: 103 dB(A)  
Acoustic pressure: 78 dB(A) at 7 m  
Length (mm): 800  
Width (mm): 550  
Height (mm): 670  
Dry weight (Kg): 141  
Inverter: No  
AVR: No  
Compound: No  
Silenced: No  
Super silenced: No

