



## WFM C165-TDE

Reference: 09319

### 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.

## Technical Sheet

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
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

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Height (mm)	670
Dry weight (Kg)	141
Inverter	No
AVR	No
Compound	No
Silenced	No
Super silenced	No

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