



# CGM 500SDETL - THREEPHASE MOTORWELDER

## Product description:

### CGM 500SDETL THREEPHASE MOTORWELDING 16KVA

CGM 500SDETL is a single/threephase motorwelder equipped with an FPT F32 AM1A engine with Diesel power supply, able to deliver a power of 16KVA.

CGM 500SDETL is equipped with a practical electric starting system that allows a practical and fast use. The motorwelder is mounted on a fixed base and operates at 1500 rpm, suitable for welding on either 400V threephase or 230V singlephase.

CGM 500SDETL can operate simultaneously as a welder and as a three-phase and singlephase generator set. Suitable for a wide range of applications, including metal structure construction, pipeline construction and construction site use.

The CGM 500SDETL motorwelder features a rugged frame, which not only protects the machine from impact, but also reduces noise emission making it super quiet, with a sound emission of 77 dB perceived at 7 m

## TECHNICAL FEATURES CGM 500SDETL

Phase type : Threephase

Maximum threephase output: 12.8 KW / 16 KVA

Maximum singlephase output: 5.2 KW / 6. 5 KVA

Engine: FPT F32 AM1A

Fuel: Diesel

Cylinders : 4

Displacement : 3200 cm<sup>3</sup>

Max Engine output: 39 HP

Max Welding Current : 500-390 A at 35%/60%

Tank : 50 Lt

Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket





Power supply : Electric with battery

Acoustic Power : 77 dB(A) at 7 m

Voltage : 230 V / 400 V

Frequency : 50 Hz

Power factor : 0. 8

Welding current : 35-500 A

Cooling : Water

Number of turns : 1500 rpm

Autonomy : 8.3 h

Consumption at 3/4 load : 6 L/h

Oil capacity : 8. 8 Lt

Alternator : LINZ, Brushless

Number of Poles : 4

Number of Phases : 3

Welding voltage : 20 - 40 V

Power consumption : 35.4 hp / 26 KW

Voltage regulation : AVR

Width : 1500 mm

Length : 900 mm

Height : 1500 mm

Weight : 700 Kg

Are you looking for a motorwelder with different characteristics? Here you can find the entire range of CGM or other brands specializing in the field

Please note that the image is purely for demonstration purposes.

### **Product features:**

Phase: Three phase

Maximum power single phase (KW): 5.2

Maximum power single phase (KVA): 6.5

Maximum power three phase (KW): 12.8

Maximum power three phase (KVA): 16

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: 1 x 230 V 3P CEE + 1 x 400 V 5P CEE

Engine: FPT F32 AM1A

Engine rpm (rpm): 1500

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 594

Number cylinders: 4





Oil capacity (L): 8.5  
Cooling: Water  
Alternator: Linz, brushless  
Poles: 4  
Welding current (A): 220-170 A at 35%/60%  
Welding voltage min/max (V): 21 - 32  
Fuel tank capacity (L): 50  
Consumption (L/h): 6 at 75% of the load  
Running time (h): 15.1  
Acoustic pressure: 77 dB(A) at 7 m  
Length (mm): 900  
Width (mm): 1500  
Height (mm): 1500  
Dry weight (Kg): 700  
AVR: Yes  
Silenced: No  
Super silenced: No