



# CGM 300SDET - THREE PHASE ELECTRIC START MOTOR WELDER

## Product description:

### **CGM 300SDET THREephase MOTORWELDING MACHINE ELECTRICALLY STARTED**

CGM 300SDET is a threephase engine motorwelder equipped with a Lombardini 12LD 477/2 Diesel engine capable of delivering a power of 8,5KVA.

The CGMs are motorwelders equipped with Honda petrol or Lombardini diesel engines with electric or recoil start.

Mounted on a fixed base and operating at 3000 rpm, they are suitable for welding and supplying 400V threephase and/or 230V singlephase.

The CGM 300SDET engine driven welders of 3000 rpm are suitable for non-continuous emergency use, it is not recommended to use them for more than 6 continuous hours and for more than 500 hr/year.

## TECHNICAL CHARACTERISTICS CGM 300SDET

Phase Type : Threephase

Maximum threephase output: 6.8 KW / 8.5 KVA

Maximum singlephase output: 3.2 KW / 4 KVA

Motor : Lombardini 12LD 477/2

Fuel : Diesel

Cylinders : 2

Displacement : 594 cm<sup>3</sup>

Maximum Engine Power : 17.3 HP

Max Welding Current : 300-240 A at 35%/60%



Tank : 7 Lt  
Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket  
Starting : 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 : 35-400 A  
Cooling : Air  
Number of turns : 3000 rpm  
Autonomy : 2.2 h  
Consumption at 3/4 load : 3.2 L/h  
Oil capacity : 2. 5 Lt  
Alternator : SINCRO, with brushes  
Number of Poles : 2  
Number of Phases : 3  
Welding voltage : 21.5 - 28.8 V  
Power consumption : 11. 5 hp / 8.5 KW  
Tension regulation : Compound  
Width : 1100 mm  
Length : 650 mm  
Height : 800 mm  
Weight : 240 Kg

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Images is technical data are not binding and may be subject to revision by supplier.

#### **Product features:**

Phase: Three phase  
Maximum power single phase (KW): 3.2  
Maximum power single phase (KVA): 4  
Maximum power three phase (KW): 6.8  
Maximum power three phase (KVA): 8.5  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1 x 230 V 3P CEE + 1 x 400 V 5P CEE  
Engine: Lombardini 12LD477/2  
Engine rpm (rpm): 3000  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 594

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Number cylinders: 2  
Oil capacity (L): 2.5  
Cooling: Air  
Alternator: With brushes  
Poles: 2  
Welding current (A): 220-170 A al 35%/60%  
Welding voltage min/max (V): 21.5 / 28.8  
Fuel tank capacity (L): 7  
Consumption (L/h): 3.2 al 75% del carico  
Running time (h): 2.2  
Acoustic pressure: 77 dB(A) at 7 m  
Length (mm): 650  
Width (mm): 1100  
Height (mm): 800  
Dry weight (Kg): 240  
Silenced: No  
Super silenced: No