



# 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 cm3

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

Discover our wide range of motorwelding machines [click here!](#)

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



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

