



## CGM 300SDET - THREE PHASE ELECTRIC START MOTOR WELDER

Reference: CGM 300SDET /

### 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.

## Technical Sheet

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

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Length (mm)	650
Width (mm)	1100
Height (mm)	800
Dry weight (Kg)	240
Silenced	No
Super silenced	No

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