



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 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

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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 ³)	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
