



# CGM 300SDETL THREEPHASE MOTORWELDING

## Product description:

### CGM 300SDETL THREEPHASE MACHINEWELDING

CGM 300SDETL is a motorwelder equipped with a Lombardini LDW 1603 engine with Diesel power supply capable of delivering a output of 8KVA.

The CGM 300SDETL motorwelder are mounted on a fixed base and operate at 1500 rpm, are suitable for welding and deliver 400V threephase and/or 230V singlephase.

This motorwelder is ideal for having electrical current always at hand in any place and environment (construction sites, markets, beaches, campsites or for first aid in uncomfortable areas), combined with a powerful electrode welder.

The small size and moderate weight of the 8 KW CGM 300SDETL singlephase motorwelder make it one of the most popular professional products in the CGM line.

On request: careened, hooded, silenced and special equipments groups

The groups at 3000 rpm are suitable for a not continuous emergency use, it is not recommended the use for more than 6 continuous hours and for more than 500 hours/year.

### TECHNICAL CHARACTERISTICS CGM 300SDETL

Phase Type : Threephase

Maximum threephase output: 6.4 KW / 8 KVA

Maximum singlephase output: 2.8 KW / 3.5 KVA

Motor : Lombardini LDW 1603

Fuel : Diesel

Cylinders : 3

Displacement : 1649 cm3



Maximum Engine output: 20. 4 HP  
Max Welding Current : 300-230 A at 35%/60%  
Tank : 50 Lt  
Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket  
Starting : Electric with battery  
Acoustic output: 77 dB(A) at 7 m  
Voltage : 230 V / 400 V  
Frequency : 50 Hz  
Power Factor : 0. 8  
Welding current : 35-300 A  
Cooling : Water  
Number of turns : 1500 rpm  
Autonomy : 15.1 h  
Consumption at 3/4 load : 3.3 L/h  
Oil capacity : 3. 8 Lt  
Alternator : SINCRO, with brushes  
Number of Poles : 4  
Number of Phases : 3  
Welding voltage : 21 - 32 V  
Power consumption : 16. 6 cv / 12.2 KW  
Voltage regulation : Compound  
Width : 1500 mm  
Length : 800 mm  
Height : 1200 mm  
Weight : 720 Kg

Are you looking for a motorwelder with different characteristics? Here you can find the full range of CGM or other specialized brands

Please note that the image is purely for demonstration purposes.

#### **Product features:**

Phase: Three phase  
Maximum power single phase (KW): 2.8  
Maximum power single phase (KVA): 3.5  
Maximum power three phase (KW): 6.4  
Maximum power three phase (KVA): 8  
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 LDW1603

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Engine rpm (rpm): 1500  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 594  
Number cylinders: 3  
Oil capacity (L): 3.8  
Cooling: Water  
Alternator: With brushes  
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): 3.3 at 75% of the load  
Running time (h): 15.1  
Acoustic pressure: 77 dB(A) at 7 m  
Length (mm): 800  
Width (mm): 1500  
Height (mm): 1200  
Dry weight (Kg): 720  
Silenced: No  
Super silenced: No