



## CGM 300SDETL THREEPHASE MOTORWELDING

Reference: CGM 300SDETL /

## 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 cm<sup>3</sup>  
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 : SINCR0, 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.

## Technical Sheet

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
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 al 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