



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
Engine rpm (rpm): 1500



Starting system: Electric
Engine capacity (cm³): 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

