



CGM 500SDETL - THREEPHASE MOTORWELDER

Product description:

CGM 500SDETL THREEPHASE MOTORWELDING 16KVA

CGM 500SDETL is a single/threephase motorwelder equipped with an FPT F32 AM1A engine with Diesel power supply, able to deliver a power of 16KVA.

CGM 500SDETL is equipped with a practical electric starting system that allows a practical and fast use. The motorwelder is mounted on a fixed base and operates at 1500 rpm, suitable for welding on either 400V threephase or 230V singlephase.

CGM 500SDETL can operate simultaneously as a welder and as a three-phase and singlephase generator set. Suitable for a wide range of applications, including metal structure construction, pipeline construction and construction site use.

The CGM 500SDETL motorwelder features a rugged frame, which not only protects the machine from impact, but also reduces noise emission making it super quiet, with a sound emission of 77 dB perceived at 7 m

TECHNICAL FEATURES CGM 500SDETL

Phase type : Threephase

Maximum threephase output: 12.8 KW / 16 KVA

Maximum singlephase output: 5.2 KW / 6. 5 KVA

Engine: FPT F32 AM1A

Fuel: Diesel

Cylinders : 4

Displacement : 3200 cm³

Max Engine output: 39 HP

Max Welding Current : 500-390 A at 35%/60%

Tank : 50 Lt



Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket
Power supply : 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 : 35-500 A
Cooling : Water
Number of turns : 1500 rpm
Autonomy : 8.3 h
Consumption at 3/4 load : 6 L/h
Oil capacity : 8. 8 Lt
Alternator : LINZ, Brushless
Number of Poles : 4
Number of Phases : 3
Welding voltage : 20 - 40 V
Power consumption : 35.4 hp / 26 KW
Voltage regulation : AVR
Width : 1500 mm
Length : 900 mm
Height : 1500 mm
Weight : 700 Kg

Are you looking for a motorwelder with different characteristics? Here you can find the entire range of CGM or other brands specializing in the field

Please note that the image is purely for demonstration purposes.

Product features:

Phase: Three phase
Maximum power single phase (KW): 5.2
Maximum power single phase (KVA): 6.5
Maximum power three phase (KW): 12.8
Maximum power three phase (KVA): 16
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230 / 400
Sockets configuration: 1 x 230 V 3P CEE + 1 x 400 V 5P CEE
Engine: FPT F32 AM1A
Engine rpm (rpm): 1500
Starting system: Electric
Engine capacity (cm³): 594

Number cylinders: 4
Oil capacity (L): 8.5
Cooling: Water
Alternator: Linz, brushless
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): 6 at 75% of the load
Running time (h): 15.1
Acoustic pressure: 77 dB(A) at 7 m
Length (mm): 900
Width (mm): 1500
Height (mm): 1500
Dry weight (Kg): 700
AVR: Yes
Silenced: No
Super silenced: No