



CGM 220SBT - MOTORWELDING MANUAL TEAR-OFF

Reference: CGM 220SBT /

CGM 220SBT - THREE-PHASE WELDINGMACHINE WITH STRAP START

CGM 220SBT is a single-phase, light and versatile motorwelder, equipped with a Briggs & Stratton 16 petrol engine capable of delivering a maximum power of 6.5KVA.

The CGM 220SBT motorwelder is equipped with Honda gasoline engines with recoil start. Mounted on a fixed base and operating at 3000 rpm, they are suitable for welding and 400V trphase power supply.

On request: fairing, hooded, silenced units and special equipment. CGM 220SBT engine driven welders are suitable for non-continuous use in case of emergency, it is recommended not to use them for more than 6 continuous hours and for more than 500 hours/year.

TECHNICAL CHARACTERISTICS MOTORWELDING CGM 220SBT

Phase type : Three-phase
Maximum three-phase power: 5.2 KW / 6.5 KVA
Maximum single-phase power: 2.8 KW / 3.5 KVA
Engine : Briggs & Stratton 16
Fuel : Gasoline
Cylinders : 2
Displacement : 480 cm³
Max Engine Power : 16 HP
Max Welding Current : 200-170 A at 35%/60%
Tank : 8.5 Lt
Sockets : 1 CEE 3-pole 230V socket, 1 CEE 5-pole 400V socket
Starting : Manual Tear-Off
Acoustic Power : 70 dB(A) at 7 m
Voltage : 230 V / 400 V
Frequency : 50 Hz
Power Factor : 0.8
Welding current : 40-220 A
Number of turns : 3000 rpm
Cooling : Air
Autonomy : 2.2 h
Consumption at 3/4 load : 3.8 L/h
Oil capacity : 1.7 Lt

Alternator : SINCRO, with brushes
 Number of Poles : 2
 Number of Phases : 3
 Welding voltage : 21.5 - 28.8 V
 Power consumption : 12.5 hp / 9 KW
 Voltage regulation : Compound
 Width : 860 mm
 Length : 550 mm
 Height : 650 mm
 Weight : 130 Kg

Are you looking for a motorwelding machine with different technical characteristics? [Here](#) you can find the full range of CGM or other specialized brands

Images and technical data are not binding and may be subject to revision by the supplier.

Technical Sheet

Phase	Three phase
Maximum power single phase (KW)	2.8
Maximum power single phase (KVA)	3.5
Maximum power three phase (KW)	5.2
Maximum power three phase (KVA)	6.5
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 230V 3P CEE + 1 x 400V 5P CEE
Engine	Briggs&Stratton
Engine rpm (rpm)	3000
Starting system	Manual recoil
Engine capacity (cm ³)	480
Number cylinders	2
Oil capacity (L)	1.7
Cooling	Air
Alternator	With brushes
Poles	2
Welding current (A)	200 at 35% / 170 at 60%
Welding voltage min/max (V)	21.5 / 28.8
Fuel tank capacity (L)	8.5
Consumption (L/h)	3.8 al 75% del carico
Running time (h)	2.2
Acoustic pressure	70 dB(A) at 7 m

Length (mm)	550
Width (mm)	860
Height (mm)	650
Dry weight (Kg)	130
Compound	Yes
Silenced	Yes
Super silenced	No
