



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

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|------------------------------------|-----------------------------------|
| 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 |
