



## CGM 50TRL PTO Generator

Reference: CGM 50TRL /

### CGM 50TRL PTO generator

Generator PTO CGM 50TRL three-phase 50 KVA with 1500 rpm tractor coupling. The CGM 50TRL cardan generator has a voltage of 400 V and a frequency of 50 Hz. The CGM 50TRL PTO shaft generator alternator has an **AVR** voltage regulator.

The AVR regulator allows you to stabilize the voltage and prevent damage to connected sensitive devices. The CGM 50TRL cardan generator is very reliable as it is built and designed using top quality materials.

Gimbal generator easy to transport, install and position due to the compact size, this model is ideal to be mounted on a tractor unit. The CGM 50TRL PTO shaft generator has a tractor power requirement of 100 HP and a PTO speed of 395 rpm.

These compact, rugged, and easy-to-use generator sets come complete with a 3-point hitch base for secure attachment to any tractor.

Power transmission is via the universal joint (not included), which is connected to the generator set's overdrive.

The voltage regulator, applied to synchronous current generators, has as its objective the maintenance of a constant operation of the machine, in its regime of greater efficiency. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to power factor other consumers present in the same settlement, these values may vary.

If the current generator has an excitation current value lower than the nominal value, the AVR absorbs the current later than the voltage; if the value is higher, the AVR absorbs the current earlier. This is the main purpose of the instrument in question.

#### **Technical characteristics of the CGM 50TRL gimbal generator:**

Phase type: Three-phase

Continuous output: 50 KVA

Continuous output: 40 KW

Emergency output: 55 KVA

Emergency output: 44 KW

Voltage: 400 V

Frequency: 50 Hz

Motor speed: 1500 rpm

Tractor power required: 100 hp

PTO speed: 395 rpm

Multiplier ratio: 1:3.8

Multiplier oil capacity: 1 Lt

Alternator: Linz, self-excited, brushless

Tension regulator: AVR

Length: 1150 mm

Width: 950 mm

Height: 1000 mm

Weight: 408 Kg

#### Sockets:

- N.1 CEE 125A 5P 400V socket and N.1 CEE 16A 3P 230V socket
- Circuit breaker and differential

The CGM 50TRL 50 KVA cardan generator is a professional tractor unit that makes it one of the best choices compared to its competitors. The CGM 50TRL cardan generator has a sturdy construction with protective frame.

If you are looking for a cardan generator like the CGM 50TRL three-phase tractor unit then we suggest you browse our catalog of [cardan generators](#) to find the one that comes closest to your needs.

Images and technical data are not binding.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	44
Continuous power three phase (KW)	40
Maximum power three phase (KVA)	55
Continuous power three phase (KVA)	50
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 5P CEE - 1 x 230V 16A 3P CEE
Engine rpm (rpm)	1500
Oil capacity (L)	1
Alternator	Brushless
Poles	4
Protection degree	IP21
PTO speed (round/min)	395
Required tractor power	100 HP
Transmission ratio	1 : 3.8
Length (mm)	1150
Width (mm)	950
Height (mm)	1000
Dry weight (Kg)	408
Silenced	No
Super silenced	No
Voltage regulator	AVR