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# CGM 50TRL PTO Generator

## Product description:

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.

**Product features:**

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

