



# CGM 85TRL PTO GENERATOR 85 KVA SINGLE-PHASE / THREE- PHASE AVR

Product price:

**6.030,00 € tax excluded**

## Product description:

CGM 85TRL PTO GENERATOR 85 KVA SINGLE-PHASE / THREE-PHASE AVR

Generator PTO CGM 85TRL three-phase 85 KVA with 1500 rpm tractor coupling. The CGM 85TRL cardan generator has a voltage of 400 V and a frequency of 50 Hz. The CGM 85TRL 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 85TRL 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 85TRL PTO shaft generator has a tractor power requirement of 130 HP and a PTO speed of 395 rpm.

The voltage regulator, applied to synchronous current generators, has as its objective the maintenance of a constant operation of the machine, in its most efficient regime. 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.

The CGM 85TRL 85 KVA shaft generator is a professional tractor unit, making it one of the best choices compared to its competitors. The CGM 85TRL PTO shaft generator has a rugged construction with a protective frame.





### Technical characteristics of the CGM 85TRL:

Phase type: Single-Phase / Three-phase

Continuous power: 85 KVA

Continuous power: 68 KW

Emergency power: 93.5 KVA

Emergency power: 74.8 KW

Voltage: 230 / 400 V

Frequency: 50 Hz

Engine revs: 1500 rpm

Tractor power required: 130 hp

PTO rpm: 395 rpm

Multiplier ratio: 1:3.8

Oil capacity multiplier: 1 Lt

Alternator: Linz, self-excited, brushless

Voltage Regulator: AVR

Length: 1100 mm

Width: 950 mm

Height: 1270 mm

Weight: 450Kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the entire range of CGM cardan generator sets or other specialized brands.

Images and technical data are not binding.

### Product features:

Phase: Single phase / Three phase

Maximum power three phase (KW): 74.8

Continuous power three phase (KW): 68

Maximum power three phase (KVA): 93.5

Continuous power three phase (KVA): 85

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: 130 HP



Transmission ratio: 1 : 3.8

Length (mm): 1100

Width (mm): 950

Height (mm): 1270

Dry weight (Kg): 450

Silenced: No

Super silenced: No

Voltage regulator: AVR