



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

Reference: CGM 85TRL

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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.

## Technical Sheet

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	
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)	
Width (mm)	950
Height (mm)	1270
Dry weight (Kg)	450
Silenced	No
Super silenced	No
Voltage regulator	AVR