



CGM 100TRL PTO GENERATOR 100 KVA SINGLE-PHASE / THREE-PHASE AVR

Reference: CGM 100TRL

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Generator PTO CGM 100TRL three-phase 100 KVA with 1500 rpm tractor coupling. The CGM 100TRL PTO shaft generator has a voltage of 400 V with outlets also at 230 V and a frequency of 50 Hz. The CGM 100TRL cardan generator alternator has an AVR voltage regulator.

The AVR regulator allows to stabilize the voltage and avoid damage to the connected sensitive devices. CGM 100TRL PTO shaft generator is very reliable as it is built and designed using the best quality materials.

Cardan generator easy to transport, install and place thanks to its compact size, this model is ideal to be mounted on a tractor unit. The CGM 100TRL PTO shaft generator has a tractor power requirement of 160 HP and a PTO speed of 500 rpm.

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

The power transmission is made through the cardan joint (not included), connected to the generator set multiplier.

The voltage regulator, applied to synchronous current generators, has as its objective the maintenance of constant operation of the machine, in its regime of greatest efficiency. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to phase 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 this instrument.

The CGM 100TRL 100 KVA PTO generator is a professional tractor unit making it one of the best choices compared to its competitors. The CGM 100TRL cardan generator has a sturdy construction with a protective frame.

Technical characteristics of the CGM 100TRL:

Phase type: Single-phase / Three-phase

Continuous output: 100 KVA

Continuous output: 80 KW

Emergency output: 110 KVA

Emergency output: 88 KW

Voltage: 230 / 400 V

Frequency: 50 Hz

Motor speed: 1500 rpm

Tractor power required: 160 hp

Power take-off revs: 500 rpm

Multiplier ratio: 1:3

Multiplier oil capacity: 4 Lt

Alternator: Linz, self-excited, brushless
 Number of poles: 4
 Voltage controller: AVR
 Length: 1100 mm
 Width: 1000 mm
 Height: 1300 mm
 Weight: 530 Kg

Sockets:

- No. 1 CEE 16A 3P 230V socket and 400V full power terminal block
- Circuit breaker and differential

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)	88
Continuous power three phase (KW)	80
Maximum power three phase (KVA)	110
Continuous power three phase (KVA)	100
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine rpm (rpm)	1500
Oil capacity (L)	4
Alternator	Linz, senza spazzole
Protection degree	IP23
PTO speed (round/min)	500
Required tractor power	160 HP
Transmission ratio	1 : 3
Length (mm)	
Width (mm)	1000
Height (mm)	1300
Dry weight (Kg)	530
Silenced	No
Super silenced	No
Voltage regulator	AVR