



PEDROLLO G-TL85 PTO UNIT 85KVA

Reference: PEDROLLO G-TL85

PEDROLLO G-TL85 85KVA PTO shaft generator

PEDROLLO G-TL85 85 KVA single-phase PTO shaft generator with 420rpm tractor connection. The PEDROLLO G-TL85 cardan generator has a voltage of 230 / 400 V and a frequency of 50 Hz.

The PEDROLLO G-TL85 is a tractor-driven PTO (power take-off) generator that includes a synchronous alternator, coupled to a speed increaser, towable from the tractor via a three-point hitch.

The PEDROLLO G-TL85 easy to transport, install and position due to its compact size, this model is ideal for mounting on a tractor unit. The PEDROLLO G-TL85 PTO generator has a required tractor power of 180 HP and a PTO speed of 420 rpm.

The generator must be used after being placed on the ground. After connecting the tractor PTO to the gearbox via the PTO shaft, the tractor PTO must be set to the required speed.

The overgear, by transmitting the mechanical power of the tractor PTO to the alternator, increases the required PTO speed to the nominal speed of the alternator.

The PRO22 SB/4 alternator of the PEDROLLO G-TL85 PTO generator has an AVR voltage regulator. The voltage regulator, applied to synchronous current generators, has the objective of maintaining 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 phase other consumers in the same settlement, these values may vary.

D-AVR LINZ DR-30 (OPTIONAL)

The generators PEDROLLO G-TL85 can be equipped with the [digital regulator DR30](#) that allows you to read conveniently from the dedicated App (available for Android and iOS) on your smartphone the following parameters:

- Frequency of the generator
- Chained voltages R-S-T
- Current, Cosphi, Active Power

Technical Features of the PEDROLLO G-TL85

Phase type: Single phase / Three phase
Continuous power: 85 KVA
Continuous power: 66 KW
Voltage: 230 / 400 V
Frequency: 50 Hz
PTO Power output (rpm required 540): 98.7 HP

Tractor power required: 180 HP
PTO revs: 420 rpm
Alternator: PRO22 SC/4
Voltage regulator: AVR
Length: 1356 mm
Width: 1092 mm
Height: 1138 mm
Weight: 514.5 Kg

Are you looking for a shaft generator with different technical features? [Here](#) you can find the full range of PEDROLLO PTO shaft generators and other brands specializing in this field.

Images and technical data are not binding and may be subject to manufacturer's revisions.

Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	66
Maximum power single phase (KVA)	85
Frequency (Hz)	50
Voltage (V)	230 / 240
Sockets configuration	CEE 5P, CEE 3P 16 o 32 Amp, Schuko
PTO speed (round/min)	420
Required tractor power	180 HP
Length (mm)	1356
Width (mm)	1092
Height (mm)	1138
Dry weight (Kg)	514.5
Voltage regulator	AVR