



## GENERATOR PTO SINGLE-PHASE / THREE-PHASE 42 KVA AVR

Reference: PTO42MTF

### GENERATOR PTO SINGLE-PHASE / THREE-PHASE 42 KVA AVR

Generator PTO Single/Three-phase 42 KVA with 1500 rpm tractor attachment, equipped with **AVR voltage regulator**.

Easy to transport, install and position thanks to its compact size, this model is ideal for any traveller. ideal to be mounted on a tractor unit. The cardan generator has a required tractor power of 80 HP and a speed of 80 HP. power take-off of 430 rpm.

The alternator has an AVR voltage regulator, which allows you to stabilize the voltage and avoid damage to the connected sensitive devices. The cardan generator is very reliable as it is It was built and designed using excellent quality materials.

These compact, robust and easy to use generator sets come complete with a 3-point hitch base for secure attachment to any tractor. Power transmission takes place via the cardan joint (not included), connected to the generator set multiplier. The generating sets for tractor attachment are mainly designed for farms, ranches and pastures but they easily adapt to any emergency situation.

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 greatest efficiency. Generally, this means keeping the power factor at values ??close to 1, but if the synchronous machine is also used to re-phasing other users 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 with a delay compared to the voltage; if the value is instead of higher, the AVR draws the current in advance. It is this is the main purpose of the tool in question.

#### TECHNICAL FEATURES:

Phase type: Single-phase / Three-phase  
Continuous power: 42 KVA / 33.6 KW  
Emergency power: 46.2 KVA / 37 KW  
Voltage: 230 / 400 V  
Frequency: 50 Hz  
Engine speed: 1500 rpm  
Necessary tractor power: 80 hp  
PTO speed: 430 rpm  
Multiplier ratio: 1:3.5  
Capacity; multiplier oil: 0.5 Lt  
Alternator: Linz, self-excited, brushless  
Voltage regulator: AVR  
Length: 1150 mm  
Width: 950 mm  
Height : 1250 mm

Weight: 320 Kg

**Sockets:**

- N.1 CEE 63A 5P 400V socket and N.1 CEE 16A 3P socket 230V
- Circuit breaker and differential

Are you looking for a product with different technical characteristics? [HERE](#) you can find the whole range of cardan-driven generator sets from specialized brands.

Non-binding images and technical data.

**Technical Sheet**

Phase	Single phase / Three phase
Maximum power three phase (KW)	37
Continuous power three phase (KW)	33.6
Maximum power three phase (KVA)	46.2
Continuous power three phase (KVA)	42
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)	0.5
Alternator	Brushless
Poles	4
Protection degree	IP21
PTO speed (round/min)	430
Required tractor power	80 HP
Transmission ratio	1 : 3.5
Length (mm)	1150
Width (mm)	950
Height (mm)	1250
Dry weight (Kg)	320
Silenced	No
Super silenced	No
Voltage regulator	AVR