



GENERATOR PTO SINGLE-PHASE / THREE-PHASE 130 KVA AVR

Reference: PTO130MTF

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Generator PTO Single-phase / three-phase capable of delivering 130 KVA power with 1500 rpm tractor coupling, complete with AVR voltage regulator.

The AVR regulator makes it possible to stabilize the voltage and avoid damage to connected sensitive devices. The gimbal-mounted generator is very reliable as it is built and designed using top quality materials.

Easy to transport, install, and position due to its compact size, this model is ideal for mounting on a tractor unit. The PTO shaft generator has a required tractor power of 160 HP and a PTO speed of 500 rpm. Professional tractor unit making it one of the best choices compared to its competitors. The PTO shaft generator has a sturdy structure with protective frame.

The voltage regulator, applied to synchronous power generators, aims to maintain constant operation of the machine, at its most efficient speed. Generally, this means keeping the power factor at values close to 1, but if the synchronous machine is also used to rephase other consumers in the same settlement, these values may vary.

If the current generator has an excitation current value lower than the nominal value, the AVR will draw current later than the voltage; if the value is higher, the AVR will draw current earlier. This is the main purpose of the instrument in question.

TECHNICAL FEATURES:

Phase type: Single-phase / Three-phase
Continuous power: 143 KVA
Continuous power: 114.4 KW
Emergency Power: 130 KVA
Emergency Power: 104 KW
Voltage: 230 / 400 V
Frequency: 50 Hz
Motor RPM: 1500 rpm
Tractor Power Required: 160 hp
Power Take-Off RPM: 500 rpm
Multiplier Ratio: 1:3
Multiplier oil capacity: 4 Lt
Alternator: Linz, self-excited, brushless
Number of poles: 4
Tension regulator: AVR
Length: 1100 mm
Width: 1000 mm
Height: 1300 mm
Weight: 550 Kg

Sockets:

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

Looking for a product with different technical characteristics? [HERE](#) you can find the full range of gimbal gensets from specialized brands.

Non-binding images and technical data.

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	114.4
Continuous power three phase (KW)	104
Maximum power three phase (KVA)	143
Continuous power three phase (KVA)	130
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine rpm (rpm)	1500
Oil capacity (L)	4
Alternator	Linz, brushless
Protection degree	IP23
PTO speed (round/min)	500
Required tractor power	160 HP
Transmission ratio	1 : 3
Length (mm)	1100
Width (mm)	1000
Height (mm)	1300
Dry weight (Kg)	550
Silenced	No
Super silenced	No
Voltage regulator	AVR