

# 100TRL

GPTRL series generating sets, 1500 or 3000 rpm, made with a strong and durable structure with three-point hitch for safe coupling of the tractor. Power transmission is made through a standard cardan shaft connected to the generator speed increasing gear. GPTRL series generating sets are mainly designed for farms, breedings and mountain pastures but they can easily be adopted in any emergency situation in which a tractor is available.



The image is only for demonstration purposes

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>100</b>	<b>80</b>	<b>110</b>	<b>88</b>

PESO	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>480</b>	<b>1350</b>	<b>1090</b>	<b>1140</b>

## TECHNICAL DETAILS

<b>ELECTRICAL DATA</b>	<i>Electrical system type</i>	3F+N	~
	<i>Power factor</i>	0,8	φ
	<i>Voltage</i>	400	V
	<i>Frequency</i>	50	Hz
	<i>Ampere rating</i>	144,3	A
<b>MECHANICAL DATA</b>	<i>Rpm-Tours/min</i>	1500	
	<i>Gear ratio</i>	1 : 3	
	<i>Gearbox lubricant capacity</i>	4	lt
	<i>Tractor rpm</i>	750	
	<i>Suggested tractor power</i>	160	hp
<b>ALTERNATOR DATA</b>	<i>Alternator</i>	LINZ ELECTRIC	
	<i>Type</i>	<i>Self-excited, with brushes</i>	
	<i>Voltage regulation</i>	AVR	
	<i>Voltage precision</i>	± 4	%
	<i>IP protection degree</i>	IP23	

## STANDARD EQUIPMENT



*Steel base frame with three-points hitch*



*Gearbox lubricant first filling*



*Automatic voltage regulator (AVR)*



*Electric manual panel:*

*-n.1 Schuko, n. 1 230V EEC 16A 3P and n.1 400V full power terminal  
-Differential switch, voltmeter, frequency meter and amperometer*



## OPTIONS



*Version with IP44 protection*



*Cardan shaft*

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