

ELECTRIC DEPARTMENT

GTM ⊕ **GSR** ⊕



 **Gianni
Ferrari**

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ELECTRIC DEPARTMENT

After more than 10 years of study in the Research & Development department, Gianni Ferrari opened the ELECTRIC DEPARTMENT.

The high quality and reliability of an engine-powered lawn mower is combined with **the innovation and the green spirit** of the new, fully electric models.

Long autonomy, extremely low noise and zero emissions distinguish the GSR+ and GTM+ Electric, the first two models in this new range.

The finishes and high performance are those of two great machines.

GSR+ / GTM+

ELECTRIC EFFICIENCY

GSR+ and GTM+ are professional ride on electric mowers with a **Lion battery** that combines the highest performance with the extreme manoeuvrability of the existing engine-powered range. Electric transmission and PTO are the fulcrum of this innovation.

Both models have valued features dedicated to the specific needs of a private end-user and a professional user, whether they prefer a front ride on or a mid mount, mulching or collecting.

Two versions for each model, **Long and Standard Range**, which highlight the need to strive toward an increasingly significant ecological sustainability with **zero fuel emissions** and considerable **reduction in noise**, going above all to meet the various economic possibilities of demanding professional and private users.

Respectively with 6 and 8 battery packs by 54V, for Long Range versions, the GTM+ and GSR+ ensure 1000 full charges, working range between -10° and + 60°C and offer a battery life of up to 8 working hours, depending on the grass conditions.

GSR+

THE ONLY ELECTRIC FRONT RIDE ON MOWER

Agility and compactness of the GSR+ Electric are features that highlight the importance to apply either to a private end-user, but also to the landscaper that adds this unique machine to his fleet. The finishing of this lawn mower, **front 112 cm DUAL CUT™ deck** equipped **with three blades** and its **total installed power of 10.2 kW** (equal to 20 Hp of an existing model), ensures a perfect mulching finish and the PTO is completely electric.

- / **High quality finish** due to the grass cutting action before the grass is driven on
- / **Great adaptability on undulating terrains** for a better finish
- / **Excellent visibility and comfort** for the operator

GSR+ Electric goes, with its **manoeuvrability**, where the mid mounted mowers can't. GSR+ Electric can be used at a time (early morning / late evening) which until now, contractors or private users by law couldn't use any type of equipment for green care.

GSR+ Electric also enables **REAR DISCHARGE** option. The mulching plug placed under the mower deck can simply be removed, thanks to the operation of a conveniently placed lever on the right side (driver's side) of the mower's deck.

PRACTICAL REAR TOOL CASE

Metal structure covered with a shaped fabric grass catcher used to carry any tool required by the operator.



Removable plate for rear discharge

LIFTING UP DECK LEVER AND VERTICALIZATION SWITCH

Due to the advanced design of the GSR+ Electric, the **mowing deck** can also be raised to the **vertical position**.

Lifting up the lever on the left side (operator's side), and operating the conveniently located switch, the operator can comfortably and **electrically** lift up the mower deck to an angle of about 75°.

The vertical position allows:

- / Easy access to the mower deck underside for regular fast cleaning
- / Easy access for maintenance such as blade replacement



With the lever lifted:

- / The operator can adjust the front mower deck on the vertical position, using the **up/down** switch

With the lever lowered:

- / The operator **can choose the cutting height of the blades**, the related level can be verified thanks to the height level indicator placed on the front right side of the cutting deck





GTM+

THE FIRST PROFESSIONAL COLLECTION ELECTRIC RIDE ON MOWER

GTM+ Electric is the first professional collection electric ride on mower. It is equipped with a mid mount 80 cm mower deck, a 280 l capacity grass catcher, transmission and PTO are completely electric.

The **total installed power of 4.2 kW** (equal to 14Hp of an engine powered model) ensures that GTM+ Electric provides **high productivity and great performances in grass collection**. This machine **goes everywhere** thanks to its small dimension. It can be used at a time (early morning / late evening) which until now, contractors or private users by law couldn't use any type of equipment for green care.

This innovative model is recommended for use by domestic and professional users, who need a **compact machine with outstanding performance** even in difficult and confined spaces.



HEIGHT CUT ADJUSTMENT LEVER

The operator can set the deck height by simply moving the height cut adjustment level into one of the four available slots. Each slot changes the height of cut by 1 cm.



GRASS CATCHER EMPTYING SWITCH

To empty the grass catcher you simply operate the switch.





GSR+ / GTM+

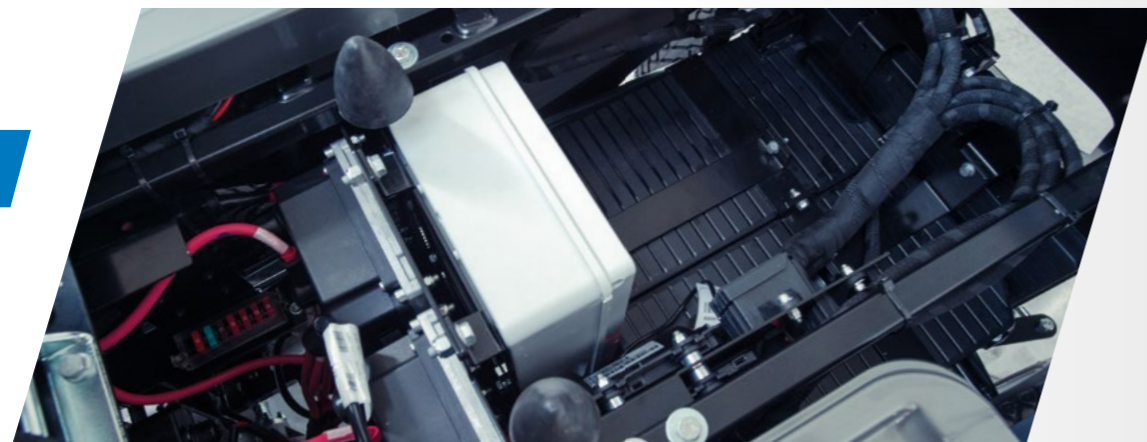
TECHNICAL SPECIFICATIONS

Weight and sizes	GSR+ Electric		GTM+ Electric	
	Long Range	Standard Range	Long Range	Standard Range
Models				
Length/width/height	255/ 112/ 135 cm		202/ 122/ 85 cm	
Weight	395 Kg	371 Kg	286 Kg	262 Kg

Power source	GSR+ Electric		GTM+ Electric	
	Long Range	Standard Range	Long Range	Standard Range
Models				
Battery type	Rechargeable Lion			
Battery capacity	24-192 Ah		24-144 Ah	
Voltage	54 V			
Lithium battery nominal energy	11 kWh	6,8 kWh	8 kWh	4 kWh
Number of battery packs	8	5	6	3
Charging time (hours)	5	3	4	2
Charging system	On board / electric plug			
Machine autonomy* (hours)	6-8	3-4	6-8	3-4

*with medium grass

Equipment	GSR+ Electric		GTM+ Electric	
	Long Range	Standard Range	Long Range	Standard Range
Models				
Steering system	Steering on rear wheels with sprocket system		Steering on front wheels with sprocket system	
Type of seat	Standard			
Seat adjustment	Manual			
Front wheel size	16x7.5-8		13x5.00-6	
Rear wheel size	13x5.00-6		16x7.5-8	
Power take-off	Electric			
High Resolution built-in Display	1.8"			
Diagnostics system	Included on display			



Steering on front wheels with sprocket system



Steering on rear wheels with sprocket system



DASHBOARD

- / Lights switch button
- / PTO button
- / Round 1.8" display
- / Hour counter built into the display

The display allows the user to check the level of charge during the operations; the state of the batteries can be also checked while charging them, error messages are displayed in case of problems.

VERTICAL LED LIGHTS

The steering column has an elegant design with LED vertical front headlights.



PRACTICAL BOX "CARRY CHARGER CABLE"

Integrated charger.



Transmission	GSR+ Electric		GTM+ Electric	
	Long Range	Standard Range	Long Range	Standard Range
Models				
Cutting method	Electric			
Total installed power	10.2 kW		4.2 kW	
Drive System	Advance/reverse pedal			
Traction motor	Electric (1.2 kW)			

Drive System	GSR+ Electric		GTM+ Electric	
	Long Range	Standard Range	Long Range	Standard Range
Models				
Traction	2WD front		2WD rear	
Maximum speed	10 km/h			

Cutting system	GSR+ Electric		GTM+ Electric	
	Long Range	Standard Range	Long Range	Standard Range
Models				
Cutting method	Mulching		Direct cut and collection	
Cutting method extra	Rear discharge		Mulching / Side or rear discharge	
Cutting width	112 cm		80 cm	
Cutting height adjustment	Electric		Manual	
Blade motor	Electric (9 kW)		Electric (3 kW)	
Blade speed	3030 rpm		1920 rpm	



SPEED SELECTION SWITCH





- / On the position **RABBIT**, it takes full advantage for the 10 km/h forward speed
- / On the position **TURTLE**, it ensures a slow speed and an ideal cut when operating the blades



SEAT BACKREST

High wraparound and adjustable in depth.

ACCESSORIES

- LEGEND**
-  GARDEN
 -  AGRICULTURE
 -  CLEANING
 -  SNOW

GSR+
GTM+

PB ULTRA+

PB ULTRA+, a **Power bank of 8 kW** is also very useful to recharge any type of battery equipment used by the machine owner or operator. PB ULTRA+ enables, even during short breaks, to recharge partially the machine to extend the working hours.



GSR+
GTM+

SIDE DISCHARGE KIT

GTM+ Electric also allows cutting with side discharge by fitting a side discharge chute.



GSR+
GTM+

MULCHING CLOSURE

Adding a protective blade/closing the collection tube and removing the plastic shaped bottom of the grass catcher also allow the operator to use the rear discharge.



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⊕ electric



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