

GTM GTR



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GTM / GTR

MANOEUVRABLE EFFICIENCY

The "entry level" segment of the Gianni Ferrari Group is made up of manoeuvrable **small size** machines that guarantee **high productivity**, with optimal cutting and collection performance that is equal to higher segment machines.

GTM and GTR are the stars of this segment: with their differences, these machines compensate and offer both hobbyist and green area maintenance operators the perfect solution for any need. Both are characterised by a direct collection system, having a grasscatcher holding 280 litres.



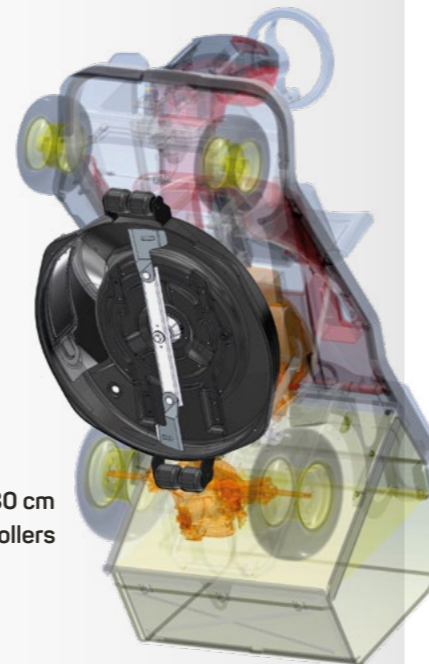
GTM

GTM is a professional grass collection rider that concentrates technical characteristics and top range finishes with a maximum width of only 85 cm: **it can easily pass even through reduced spaces** such as pedestrian gates, bushes, trees, plants and flowerbeds, guaranteeing optimal results. Optimal for home use and also ideal for professional maintenance. The small turning radius brings out its **agility and ease in manoeuvres**.



CUTTING SYSTEM

The **80 cm mid cut** is obtained using a single blade with **shock-absorbing floating blades**. The PTO is engaged to rotate the blade using a button that activates the electromagnetic clutch, which is reinforced and has life extending system which is adjustable in the event of wear. The deck shell is treated with a special cataphoresis paint treatment that protects it from the corrosion which could occur from the cut grass. In order to protect it from impacts, the deck shell is also reinforced with a 5 mm thick steel profile on the side of the grass chute. The deck is equipped with front and rear **anti-scalp rollers**, adjustable in 2 positions, and is also configured for side discharge.



Mid cutting deck 80 cm with anti-scalp rollers



3 GREAT ADVANTAGES

- / Great **efficiency and productivity**
- / **Reduced overall dimensions**
- / **No clogging** with high and wet grass



EASY MAINTENANCE

To remove the blades it is not necessary to lift the machine or take apart the deck: this operation can be completed in a few minutes and in any condition. A **quick-release coupling** for the water pipe makes deck cleaning easier.

DIRECT CUT AND COLLECTION

GMT guarantees a **clean and uniform cut over the entire width**: the external overall size of the wheels, both front and rear, is less than the width of the deck. This means that the wheels do not tread beyond the cutting width, and the grass remains straight for the next pass.

The floating blades are fitted with a shovelling system giving an aerodynamic movement of air and forcing the cut grass through to the grasscatcher.



Cutting system

Cutting method	Mid cutting deck
Cutting width	80 cm
Blades	Single blade with shock-absorbing floating blades
Cutting height adjustment	3.5 ÷ 8.5 cm
Anti-scalp rollers	Front and rear, 2 positions adjustable
Cutting method extra	Rear discharge, removing the bottom of the grasscatcher/ Side discharge



ENGINES

The GTM is available in two petrol versions:

- / 15.5 HP single cylinder engine
- / 16 HP twin cylinder engine

The double air filtering element and the forced oil lubrication system, guarantee **optimal yield** for both engines and extend protection and life cycle.

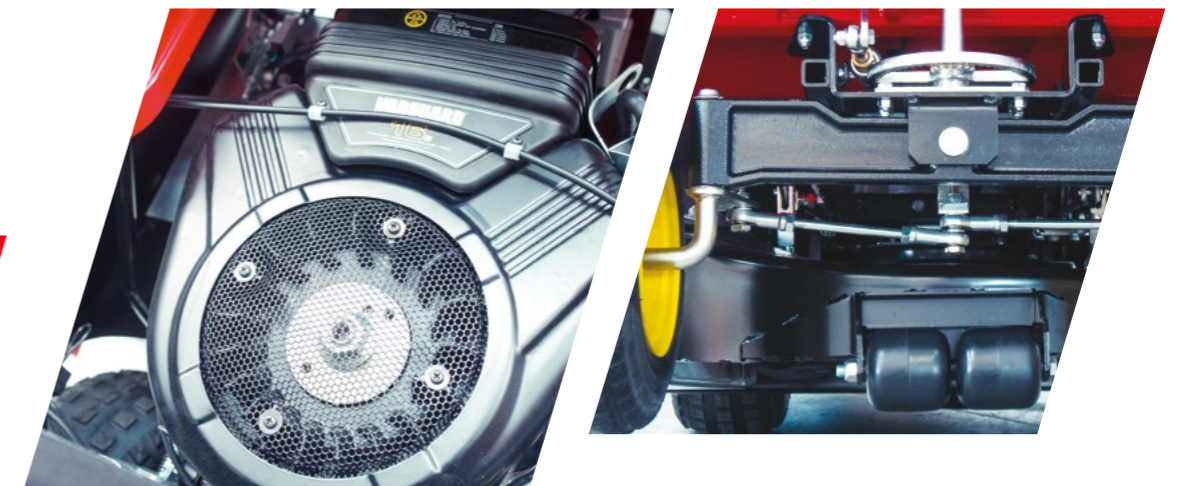
Access to the engine is easy and very quick and does not require use of attachments: in a few seconds it is possible to inspect filters and oil level, access relays, fuses and the battery.

Engines	GTM 155	GTM 160
Engine	Briggs & Stratton Intek 31R5	Briggs & Stratton VANGUARD C. Power V-Twin 3057
Fuel	Petrol	Petrol
Power/Displacement/Horsepower	11 kWh / 500 cc / 15,5	11,8 kWh / 479 cc / 16
No. of Cylinders	1	2

MECHANICAL CONSTRUCTION

GTM stands out thanks to its solidity and sturdiness: its load-bearing frame in steel tubular is treated with a special anti-corrosion treatment (cataphoresis). The front axle is constructed in **press-forged steel single block**, and the front wheels turn on maintenance free **sealed ball-bearings**. All the pulleys and the turnbuckle are metal.

Every part of the machine can be immediately accessed, in order to facilitate inspection and maintenance.



GTR

GTR is a front mower that brings together agility, compactness, extreme ease of use and professional performance, with the plus of **greater visibility** for impeccable work results. A machine that is extremely manoeuvrable and **reduces manoeuvres, finishing operations and work time.**



CUTTING SYSTEM

The front cutting deck maximises visibility and work control. The grass is not trampled therefore cut quality is increased. The extreme manoeuvrability makes it possible to **reach the areas that are less accessible** for common front decks, making finishing operations around trees, flower beds and walls easier. The deck is equipped with **two retractable blades** that absorb collisions and safeguard the transmission from any impact with foreign objects present on the lawn. Installed on a cart with full rubber **anti-puncture wheels**, the cutting deck floats and naturally adapts to the terrain, resulting in a cut that is always accurate.



Front deck with opposite rotation blades



DIRECT CUT AND COLLECTION

The **opposite rotation blades** are equipped with a shovelling system that give the grass a strong aerodynamic thrust and channel it directly into the grasscatcher through a collection tube shaped and designed to support the parabolic trajectory of the cut grass flow. The collection tube is equipped with a hatch that can be opened to make inspection and cleaning easier.



3 GREAT ADVANTAGES

- / Greater work **visibility**
- / Extreme **manoeuvrability**
- / Optimal cutting and collection **yield**



Cutting system

Cutting system	Front cutting deck
Cutting width	112 cm
Blades	2 opposite rotation disks with shock-absorbing floating blades
Cutting height adjustment	3 ÷ 8 cm
Deck lifter	Gas spring assisted, controlled directly from the driver's seat
Cutting method extra	Rear discharge, removing the bottom of the grasscatcher



ENGINES

GTR includes two commercial 2-cylinder petrol engines designed for industrial applications and with high performance even in most demanding operating conditions:

- / 16 HP twin cylinder engine
- / 21 HP twin cylinder engine

The large 19 litre fuel tank allows for **longer work periods without refuelling** and is equipped with a convenient fuel level gauge. The double air filtering element and the forced oil lubrication system extend engine protection and life cycle, while the **over head valves (OHV)** reduce vibrations, emission and have better fuel economy.

Engines	GTR 160	GTR 200
Engine	Briggs & Stratton VANGUARD C. Power V-Twin 3057	Briggs & Stratton VANGUARD C. Power V-Twin 3587
Fuel	Petrol	Petrol
Power/Displacement/Horse power	12 kWh / 479 cc / 16	15 kWh / 627 cc / 21
No. of Cylinders	2	2

TRACTION AND MANOEUVRABILITY

The steering mechanisms is light, precise, solid and sturdy, made with rack and pinion and with steering shaft on the rear wheels.

The 2WD traction on the front wheels ensures optimal manoeuvrability thanks to a very tight turning radius. The rear oscillating axle is mounted on ball-bearings and is made from a **press-forged steel single block** in order to achieve maximum solidity. The **low centre of gravity** and the weight distribution ratio on the axis provide further manoeuvring comfort, in order to provide a simple and pleasant driving experience.



GTM / GTR

TECHNICAL SPECIFICATIONS

Technical data	GTM	GTR
Fuel tank capacity	19 L (with level indicator)	
Battery	12 V / 44 Ah	
Instruments	Hour meter	
Equipment		
Size of rear wheels	16x7.50-8	14x5.00-6
Size of front wheels	13x5.00-6	16x7.50-8
Weight and dimensions		
Weight empty	260 Kg	385 kg
Length / Width / Height	202 x 85 x 122 cm	253 x 112 x 135 cm



GRASSCATCHER

The large **280 litre Grasscatcher** is a black mesh bag treated with an anti-UV additive on a steel tubular frame. The standard issue **audible buzzer warning** advises the operator to disengage the PTO when the Grasscatcher is full, thus preventing the obstruction or clogging of the collection chute.

The Grasscatcher emptying process is servo-assisted by a gas spring that at a minimum reduces strain on the operator. Comfortably from the driving position, the grass emptying grasscatcher is activated using the lever on the right.

An (optional) **electrical emptying** system is available and can be activated by simply pressing a button. The bottom of the Grasscatcher can be easily removed for cut with **rear discharge**.

Grasscatcher	
Capacity	280 L
Emptying	Emptying on the ground using the servo-assisted lever with gas spring/Electrical emptying (optional)
Accessories	Full grasscatcher audible buzzer warning



DRIVER'S SEAT

The driver's seat of the GTM and GTR has been designed to offer **maximum ergonomics and comfort** in use.

- / The **STANDARD SEAT** is full suspension and can be adjusted lengthwise; the high backrest, with a hard plastic framework and **comfortable embracing padding**, allow operators to work on this machine without tiring
- / The ergonomic **STEERING WHEEL** with a soft grip and knob
- / The **STEERING COLUMN** with elegant design and LED vertical front headlights

Drive system	GTM	GTR
Steering system	Steering on front wheels with rack and pinion system and steering arms with spherical plain bearings	Steering on rear wheels with rack and pinion system and steering arms with spherical plain bearings
Front axle	Heavy duty floating axle, constructed in press-forged steel single block	
Traction	2WD rear	2WD front
Maximum speed	9 Km/h	



GTM – Front wheel steering GTR – Rear wheel steering

HYDROSTATIC TRANSMISSION

The power transmission to the wheels is obtained through a **reinforced heavy duty type hydrostatic axle**.

A **5 mm thick steel sump guard** protects it from possible collision with kerbs, rocks, roots and other bulky objects that may be found in work areas.

A single pedal, quick and intuitive, controls forward and reverse movement for practical use.

An adjustable system with **dampers and contrast spring** damps the braking in order to guarantee comfort for the operator when changing direction and braking.

ACCESSORIES

GTM
GTR **SIDE DISCHARGE KIT**

GTM also allows cutting with side discharge by making a slight variation in deck opening.

GTM
GTR **MULCHING CLOSURE**

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



ATTACHMENTS

GTM
GTR **SNOW BLADE**

Manually liftable and adjustable, the snow blade guarantees great performance for winter use.

Snowplough with manual adjustment

Working width	110 cm
Overall dimensions (Length/Width/Height)	63/110/44 cm
Weight	64 kg
Adjustment	30° to the left - 30° to the right



GTM
GTR **SNOW THROWER**

The manually adjustable thrower, thanks to its reduced size, makes snow removal operations very simple.

Manually adjustable snow thrower

Working width	110 cm
Overall dimensions (Length/Width/Height)	81/112/117 cm
Weight	75 kg



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Advanced Groundcare Solutions™



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- GTM 155**
- GTM 160**
- GTR 160**
- GTR 200**

