

# GTM

**Gianni  
Ferrari**

Commercial grass collecting ride-on mower



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## The GTM goes everywhere.

Excellent for home gardening use and ideal for professional maintenance, which requires compact, maneuverable machines for cutting in awkward, narrow spaces. Thanks to its size, the GTM easily passes through gates and also moves well when working among plants and flowerbeds, facilitated by the very small turning radius.



The professional components, and ample standard equipment of the GTM, come together in a machine of extremely compact dimensions.





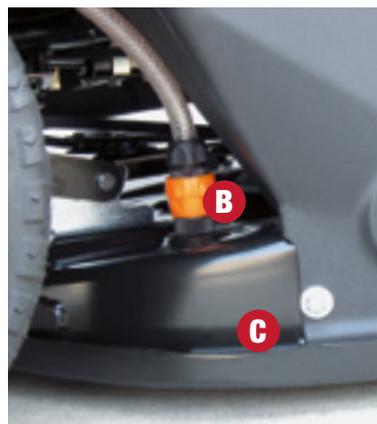
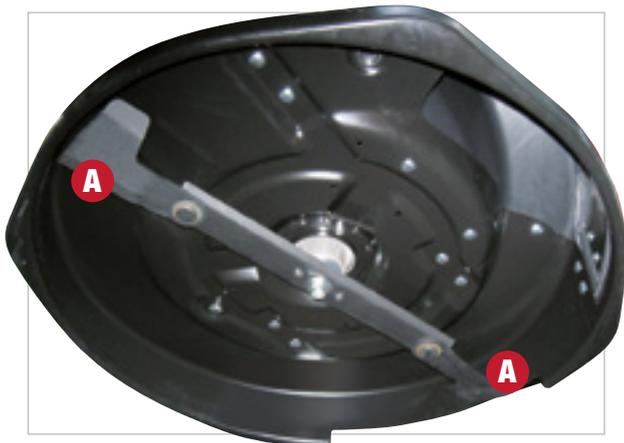
**The Gianni Ferrari GTM** is a commercial grass collecting ride-on mower that combines high range technical features and specification, with a maximum width of only 85 cm.

The 80 cm cut, 280 litre grass collector, powerful motors and a reinforced hydrostatic transmission make the GTM a lawnmower with a high production and performance level. The excellent cutting quality and high collecting capacity place the GTM in the forefront among small sized professional machines.



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- A** Floating blades
- B** Quick-release coupling for deck cleaning
- C** Steel reinforcement



**D** Rear discharge

## ➤ Mower deck

The 80 cm cut is obtained through a single blade with shock-absorbing floating blades. The PTO is engaged to rotate the blade through 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. Near the grass chute the deck shell is also reinforced with a 5 mm thick steel profile. The deck is equipped with front and rear anti-scalp rollers, adjustable in 2 positions, and is configured for side discharge.

The floating blades do not need deck removal for sharpening or replacement, nor does the machine need to be lifted.

Therefore, these procedures can be easily performed under any condition and in just a few minutes.

The deck cleaning process is facilitated by a quick-release coupling for the water pipe.

## ➤ Cut and collection

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 when the machine passes on the uncut parallel tracking, resulting in a clean even cut along the entire width.

The floating blades are fitted with wings giving an aerodynamic movement of air forcing the cut grass through to the hopper.

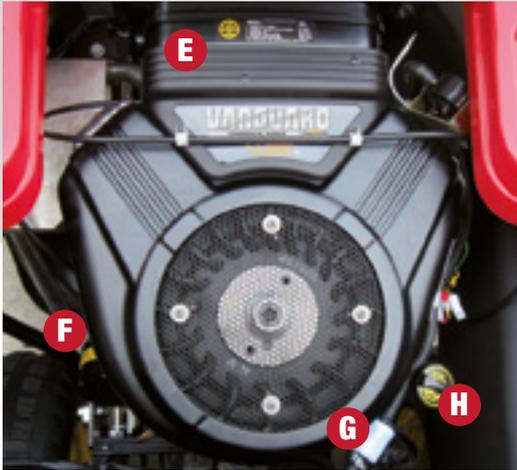
The direct collecting system of the grass avoids clogging even in tough conditions with tall, moist grass. The direct collecting of grass is a great advantage as far as simplicity of the machine is concerned; noise level and superb collection even with tall, wet grass.

## ➤ Hopper

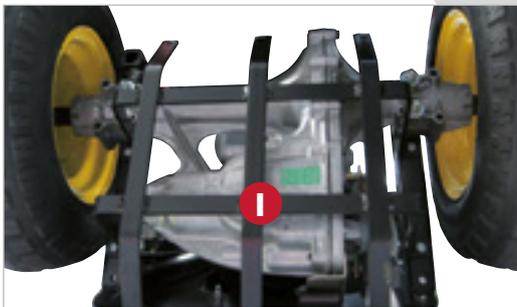
The large 280 litre hopper is a mesh bag treated with an anti-UV additive and has a steel tubular frame. A special anti-corrosion treatment (cataphoresis) protects the hopper frame from the corrosiveness of cut grass.

The audible warning advises the operator to disengage the PTO when the hopper is full, thus preventing the obstruction or clogging of the collection chute.

The hopper emptying process is servo-assisted by a gas spring that reduces strain on the operator and is controlled from the driver's position through the activation of a lever. The bottom of the hopper can be easily removed for rear discharge.



- E** Dual filtering element air filter
- F** Oil filter
- G** Fuel filter
- H** Oil dipstick



**I** Steel sump guard



**J** Single block press-forged steel axle

## ▶ Engine

There are 2 petrol engines available. One is a 15.5 HP single cylinder engine, the other a 16 HP V-twin cylinder. Both engines are equipped with an air filter that has a dual filtering element and a pressure lubrication system with oil filter. These features increase the protection and life of the engine.

Access to the engine is quick and easy and does not require the use of tools. In just a moment, the filters and oil level can be checked, and the relays, fuses, and battery can be accessed. The large 19 liter fuel tank allows for longer work periods without refueling and is equipped with a level indicating cap.

## ▶ Hydrostatic transmission

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

The transmission has upgraded high-resistant steel gears and 1" axle shafts with 4-bolt flanged wheel hubs for greater torque transmission to the wheels.

A 5 mm thick steel sump guard protects the transaxle from possibly knocking against kerbs, rocks, and roots.

A single quick and intuitive pedal controls the forward and reverse directions for maximum simplicity in use, along with an adjustable system with damper and contrast spring that damps the braking in order to guarantee comfort for the operator when changing direction.

## ▶ Mechanical construction

The construction of the GTM is solid and robust.

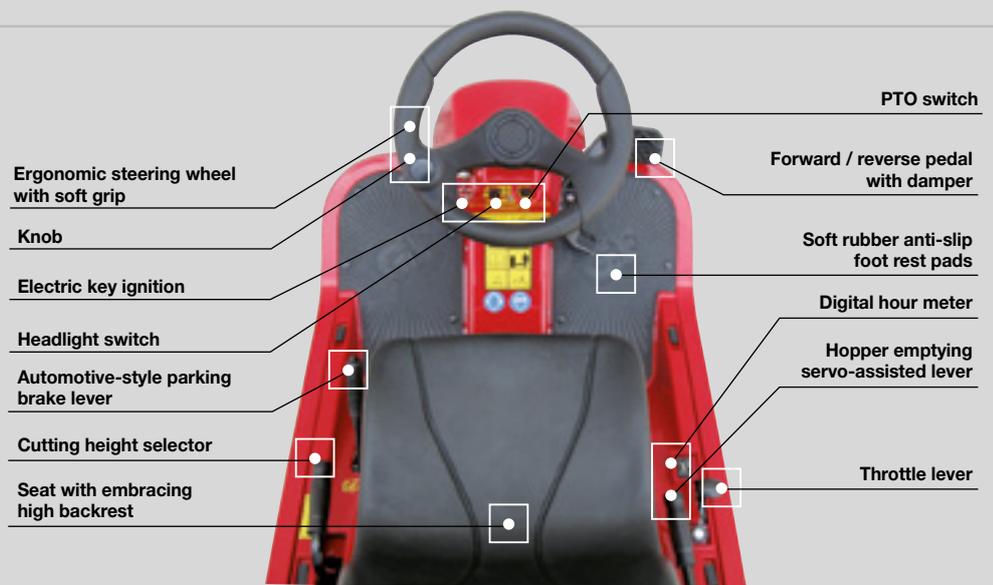
Its load-bearing frame in tubular steel is treated with a special anti-corrosion treatment (cataphoresis).

The front axle is constructed in single block, press-forged steel, and the front wheels turn on maintenance free sealed bearings. All the tighteners and pulleys are metal.

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

## ▶ Driver's seat

The driver's seat of the GTM has been designed to offer maximum ergonomics and comfort in use. The sprung seat 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 steering wheel is also ergonomic with a soft grip and knob. The standard equipment on the GTM includes a digital hour meter and headlights.



Ergonomic steering wheel with soft grip

Knob

Electric key ignition

Headlight switch

Automotive-style parking brake lever

Cutting height selector

Seat with embracing high backrest

PTO switch

Forward / reverse pedal with damper

Soft rubber anti-slip foot rest pads

Digital hour meter

Hopper emptying servo-assisted lever

Throttle lever



## TECHNICAL SPECIFICATIONS

▶ Model	GTM 155	GTM 160
▶ <b>Engine</b>		
Manufacturer	Briggs & Stratton	Briggs & Stratton
Model	Intek 31E677	VANGUARD Commercial Power V-Twin 3057
Fuel	Petrol	Petrol
Power / Displacement	15,5 HP / 508 cc.	16 HP / 480 cc.
No. Cylinders / Cooling	1 / Air	2 / Air
Lubrication system	Pressure lubrication system with oil filter	Pressure lubrication system with oil filter
Fuel tank capacity	19 L	19 L
▶ <b>Steering axle</b>		
Steering system	Steering on front wheels with rack and pinion system and tie rods with spherical plain bearings	
Steering control	Steering wheel with knob	
Front axle	Heavy duty floating axle, constructed in single block press-forged steel	
Front wheels	13 x 5.00 - 6	
▶ <b>Hydrostatic transmission</b>		
Type	Heavy duty integrated transaxle with upgraded high-resistant steel gears and 1" axle shafts with 4-bolt flanged wheel hubs	
Sump guard	Steel made	
Rear wheels	16 x 7.50 - 8	
Drive wheel	2WD	
Speed	Infinitely-variable drive from 0 ÷ 9 Km/h	
▶ <b>Electric system</b>		
Battery	12 V / 44 Ah	
Standard equipments	Headlights – hour meter	
Safety sensors	EEC European Standard / ISO	
▶ <b>Mowing deck</b>		
Cutting width	80 cm	
Blades	Single blade with anti-shocks end floating blades	
Blade engagement	Through heavy duty electromagnetic clutch, with life extending adjustment for wear	
Cutting height adjustment	3,5 ÷ 8,5 cm	
Anti-scalp rolls	Front and rear, 2 positions adjustable	
Mulching kit	Optional	
Side discharge kit	Optional	
▶ <b>Hopper</b>		
Capacity	280 L	
Hopper type	Mesh bag with anti-UV additive and tubular steel frame	
Dumping	Anti-clogging audible buzzer of full load	
Rear discharge	Gas spring assisted	
	Removable hopper bottom allowing rear discharge	
▶ <b>Weight and measures</b>		
Weight empty	255 Kg	260 Kg
Length / Width / Height	202 x 85 x 122 cm	

In their constant bid to improve performance levels, Gianni Ferrari reserves the right to alter any technical aspects or performance, without prior warning. Likewise the models in this catalogue are subject to change. No liability is accepted for any possible misprints.



**GTM - GSM**  
15,5-16 hp



**GTR**  
16-20 hp



**GTS**  
22-23 hp



**GT**  
28 hp



**TURBO Z**  
22-23 hp



**TURBOGRASS**  
22-23 hp



**PG - SR**  
22-28 hp



**TURBO 1-1W-2-4**  
28-44 hp



**TURBOLOADER**  
22-44 hp

