

# GTS



Gianni  
Ferrari



EN



### Collection deck

Cutting width	96 cm	112 cm
Blades	2 discs with anti-shocks floating blades	
Mulching kit	optional	



### Rear discharge deck

Cutting width	130 cm
Blades	3 blades



### Snow blade

Working width	110 cm
Angling	hydraulic, $\pm 30^\circ$



### Snow thrower

Type	double stage
Working width	100 cm
Ejection pipe rotation	hydraulic





### Flail mower

Cutting width	103 cm
Blade reel	48 flails (24 pairs)



### Cylinder mower

Type	single cutting unit
Cutting cylinder	6-blade, 220 mm diameter
Cutting width	92 cm
Grassbox	with hydraulic dump



### Aerator / dethatcher

Working width	100 cm
Blade reel	28 mobile blades



### Rotary broom

Working width	110 cm
Angling	hydraulic, $\pm 30^\circ$
Reel speed	adjustable





### ➤ **Front action**

All equipment and cutting tools are in front of the machine to guarantee the utmost visibility and control for the operator. The front deck makes it so that the grass is cut before being trampled by mower wheels resulting in a clean even cut. Moreover, the front deck also allows to cut under bushes and makes finishing around trees, flower beds and walls easier.



### ➤ **Cut and collection**

The GTS features counter-rotating blades that by imparting a strong aerodynamic thrust send the cut grass directly into the grass collector. The wide collection tube, thanks to its special shape, allows for an extra acceleration to the cut grass. The direct grass collection system prevents clogging even in tough conditions with tall, moist grass.

### ➤ **Hopper**

Its large, 300-litre grass collector is made of shock resistant materials and it is equipped with air deflectors that ensure a greater filling and that directs dust backwards in order to offer favourable working conditions.

Hopper unloading takes place by hydraulic cylinders, without efforts for the operator. Two versions are available:

- 80 cm high unloading, so that more grass collectors can be emptied on the same heap thus diminishing the unloading space, or so that grass can be unloaded directly inside a small garden trolley;
- 175 cm high dump lift, to unload the grass directly in the body of a truck or trailer.





### **Integrated central collection**

No pipes or other external components

More regular air flow and better collection

## **No other outfront mower is so powerful and compact!!!**

Its hydraulic power is the throbbing heart of GTS:

- ▶ smooth and precise 2 or 4 wheel drive hydrostatic transmission
- ▶ the hydraulic PTO makes it extremely versatile and easy to use
- ▶ handy and robust front hydraulic linkage with 2 arms
- ▶ hydraulic emptying of the grass collector, high lift dump as well



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## ➤ Driver's position

GTS driver's position was designed to offer maximum ergonomics and comfort in use.

The sprung seat can be adjusted lengthwise. The high backrest allows to work without tiring. The steering wheel is also ergonomic with a soft handgrip and knob. All controls are easy and user friendly with ergonomic levers and shaped handle.



## Front cut

**Better cutting quality  
as grass is not trampled before  
being cut**

**Better visibility  
and comfort for the operator**

**Better manoeuvrability  
and cut in areas that cannot  
be reached by mid-mounted  
decks**



## ➤ Versatility

Besides benefits such as comfort and effectiveness, the equipment arrangement on front offers great versatility. The range of tools especially developed for GTS allows for a all-year-round use.

Replacing equipment is very quick and easy as it does not require the use of tools. It can be carried out in just a few seconds thanks to the quick-release couplings and quick hitch ends of the front linkage.



## ➤ Dimensions

The exclusive combination of the front deck and the direct collection allows to keep dimensions to a minimum in favour of manoeuvrability.

GTS offers the ideal combination of versatility and productivity: the well designed width of the front equipment allows to pass through narrow spaces without jeopardizing productivity. You can choose between two mowing deck with collection system: the 96 cm version that easily passes through gates and narrow spaces and the 112 cm version for higher productivity.

The hydraulic 2-arms front linkage allows to easily lift all equipment and get over kerbs and obstacles.



## ➤ Transmission

The hydrostatic transmission is available in the 2 or 4 wheel drive versions.

In 4WD models, transmission is automatically operated by the patented HTC™ (Hydrostatic Traction Control) device that gives several advantages, among which:

- it intelligently varies the traction supplied to each rear wheels to prevent them from damaging the turf during turning operations;
  - guarantee constant drive on all 4 wheels for operator safety.
- The servo-assisted pressure divider subdivides the torque on both wheels in order to have the effect of a differential locking.

## ➤ Engines

GTS is equipped with gasoline and diesel engines.

The gasoline twin-cylinder 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.

For maximum performance a powerful 3-cylinder, liquid cooled 22 HP diesel engine is available. The oversized radiator with anti-clogging fin is raised and keeps clean longer also in difficult conditions. The filtering system with self-cleaning, cyclone-type pre-filter protects the motor and lengthens its life.



## ➤ Reduced maintenance

The direct collection of grass is a remarkable advantage in terms of machine simplicity and less parts undergoing wear and requiring replacement. The hydraulic PTO, instead of mechanical power take off, does not require the routine maintenance typical of mechanical transmissions (belt tensioning, greasing of cardan driveshaft, tensioners and bearings, etc.)

The PTO quick couplings are flat face-type for easy cleaning.

The over-dimensioned hydraulic components guarantee the reliability of the system and keep temperature and pressure low for a longer oil life and thus lower maintenance costs.



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



**GTR**  
16-20 hp



**GTS**  
22-23 hp



**GT**  
28 hp



**TURBO Z**  
23 hp



**TURBOGRASS**  
22-23 hp



**PG - SR**  
22-28 hp



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



**TURBOLOADER**  
22-36 hp

# GTS



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## TRACTOR UNITS TECHNICAL SPECIFICATIONS

▶ <b>Model</b>	<b>GTS 230</b>	<b>GTS 230 W</b>	<b>GTS 220 D</b>	<b>GTS 220 DW</b>
▶ <b>Engine</b>	Briggs & Stratton VANGUARD Commercial Power		Kubota	
Manufacturer	Briggs & Stratton VANGUARD Commercial Power		Kubota	
Model	V-Twin 3867	V-Twin 3867	D 902	D 902
Fuel	Petrol	Petrol	Diesel	Diesel
Power / Displacement	23 hp / 627 cc.	23 hp / 627 cc.	22 hp / 898 cc.	22 hp / 898 cc.
No. Cylinders / Cooling	2 / Air	2 / Air	3 / Liquid	3 / Liquid
Fuel tank capacity	15 L	15 L	15 L	15 L
▶ <b>Transmission</b>				
Driving wheels	2WD	4WD	2WD	4WD
Type	Hydrostatic with hydraulic torque divider			
Speed	Infinitely-variable drive from 0 ÷ 11 km/h			
Steering system	Steering wheel, reduced-radius steering on rear wheels			
Front wheels	18 x 8.50 - 8	18 x 8.50 - 8	18 x 8.50 - 8	18 x 8.50 - 8
Rear wheels	140 - 6	140 - 6	140 - 6	140 - 6
▶ <b>Power Take-Off</b>				
Type	Hydraulic, with quick-release couplings			
Auxiliary hydraulics	Twin double-acting quick-release couplings			
▶ <b>Front linkage</b>				
Type	Hydraulic, 2 arms with quick hitch ends			
▶ <b>Hopper</b>				
Hopper type	High impact resistant polyethylene, with anti-clogging audible buzzer of full load			
Capacity	300 L			
Emptying	Hydraulic, 80 cm high			
High dump lift (optional)	Hydraulic, 175 cm high			
▶ <b>Hydraulic system</b>				
Hydrostatic transmission	Closed loop with variable displacement piston pump and orbital motors			
PTO and auxiliary circuit	Open loop with gear pump			
Oil tank capacity	9 L			
Warning system	Hydraulic oil temperature – hydraulic oil filter restriction	Engine oil pressure – battery (alternator fault) – parking brake – coolant temperature – hydraulic oil pressure – hydraulic oil temperature – hydraulic oil filter restriction		
▶ <b>Electrical system</b>				
Battery	12 V / 44 Ah			
Standard equipments	Headlights – hour meter			
Safety sensors	EEC European Standard / ISO			
▶ <b>Weight and measures</b>				
Unloaded weight <sup>1-2</sup>	435 kg	440 kg	505 kg	510 kg
Length / Width / Height <sup>1</sup>	208 x 99 x 125 cm			

<sup>1</sup> without ROPS - <sup>2</sup> without high dump lift

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