

GTS



**Gianni
Ferrari**

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GTS

The **ultra-compact GTS** represents the middle range excellence of professional lawn mowers offered by Gianni Ferrari, with a powerful engine that is completely hydraulic.

The strengths of this product category include exceptional **versatility**, remarkable **streamlined design** and perfect **performance** on turf surfaces.

Its very small dimensions enhance its extreme **flexibility and manoeuvrability** even in the narrowest spaces.

Finally, the operating width guarantees usage in 4 different sectors as well as continuous usage throughout the year.



VERSATILITY

The front arrangement of the attachments, both for grass cutting and other works, greatly increases the **comfort** and **operation** benefits, enhancing at the same time the high versatility of the GTS, like the entire range of multifunction machines of Gianni Ferrari.

The offer of attachments for the GTS, developed and extended also with the innovative patent of the **Smart System** that allows to change the blades in the field in less than 15 minutes thanks to **brand-new system with magnets**, allow the economic investment to be amortized due to the considerable advantage of using the same machine throughout the year.

In fact, the replacement of the attachments is quick and very simple: it requires no tools and only a few seconds thanks to the hydraulic couplings and quick couplings of the hydraulic lift.





DIMENSIONS AND VOLUME

The combination of the front deck or any other attachment, also in front of the power unit as allows the GTS to maintain extremely small dimensions, optimizing the manoeuvrability. In fact, the GTS offers the ideal combination of **versatility and productivity**: the proper width of the front attachments allows passage through tight spaces without affecting the hourly productivity.



Height
135 cm
ROPS raised
200 cm



CUTTING SYSTEM

The cutting decks, as well as any attachment in the range, are located in front of the power unit. In this way, the **FRONTAL ACTION** allows the user to have **maximum visibility** and **perfect operational control** and thus to easily reach spaces not suitable for posterior decks, guaranteeing perfect yield under the bushes and optimized finishing operations around trees, flowerbeds, walls and benches.

Apart from **cutting with DIRECT collection**, the GTS versatility also offers optimum **mulching** operations. The blades of the collection deck are equipped with a blade system that transmits a strong aerodynamic thrust and conveys the grass directly inside the hopper through a wide and low loading channel. The direct grass collection system prevents clogging even in difficult conditions, like high and wet grass. The two-arm hydraulic front linkage allows to easily lift all attachments and easily overcome kerbs and obstacles, thanks to an increased **road bump angle** of up to 40° and a ground clearance of the power unit of up to 19 cm, thanks to a higher rear wheel.

THE ADVANTAGES OF FRONTAL CUTTING

- / **Better cutting quality:** as the grass is not compacted before mowing
- / **Better visibility and comfort** for the operator
- / **Better manoeuvrability and cutting** in areas that cannot be accessed by the posterior decks



DRIVER'S SEAT

The GTS driver's seat has been designed to offer maximum ergonomics and comfort during use. The seat, with a high, wrap-around backrest, is adjustable in depth and sprung, for long fatigue-free periods of work. The new steering column, with a more refined and innovative design, is adjustable in depth and features vertical led headlights and ergonomic steering wheel, with soft handgrip and knob.

A single pedal controls the forward and reverse travel and the parking lever brake is on the user's left-hand side.

The rest of the hydraulic controls are simple and intuitive with profiled handgrip levers that can be easily operated.





COLLECTOR

The collector, with an increased capacity of **up to 480 litres**, is made of a robust and shock-resistant polymeric material. One of the latest Gianni Ferrari patents has been filed precisely to increase and optimize the compact collection of grass. In fact, a hinged metal flap allows moving the flow of air during the collection in order to guarantee the total filling of the hopper, optimizing its discharge at the same time.

Thanks to the deflector, the dust is guided toward the rear part and the hopper of the GTS is filled in a compact manner, operating in different conditions.

The hopper is unloaded with the help of convenient comfortable hydraulic hammers and lift **up to a height of 181 cm**, to unload the grass directly on the tipper of a van or a trailer.

Collector and elevator

Material	High impact resistant polyethylene
Features	Hinged metal flap and full load anti-clogging buzzer
Capacity	480 L
High unloading lift	Hydraulic, included
Maximum emptying height	181 cm from the ground

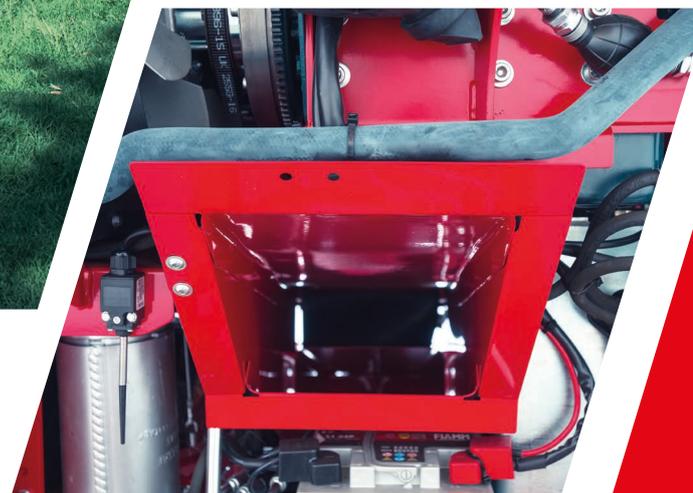




TRANSMISSION

The transmission is **hydrostatic** and the range offers **2- or 4-driving wheel** versions. On 4WD models, the transmission is automatically managed by the patented **HTC™ (Hydrostatic Traction Control)** device, which not only prevents the steering wheels from damaging the turf by eliminating slippage caused by the effect of steering drag, but also guarantees constant traction on the 4 wheels, improving the operator's safety even on slopes and terrain. The **servo-assisted pressure divider** can be automatically disabled and splits the torque on both wheels, resulting in a differential lock-like effect. The PTO is fully hydraulic and the quick-action couplings, just below the driver's platform and with flat surface for easy cleaning, make it easy to replace the various attachments available.

Model	GTS 230	GTS 230 W	GTS 220 D	GTS 220 DW
Driving wheels	2WD	4WD	2WD	4WD
Type	Hydrostatic, with hydraulic torque divider			
Max forward speed	11 Km/h			
Brakes	Mechanical service brake Mechanical parking brake on transmission			
Wheel drive	Closed circuit with variable displacement piston pump and orbital motors			
PTO and aux. circuit	Hydraulic, with quick couplers			
Auxiliary circuit	Open circuit with gear pump (9 L capacity) Pair of double-acting quick couplers			
Front linkage	Hydraulic with two arms			
Steering system	Power steering wheel, reduced-radius steering on rear wheels			
Front wheels	18x8.50-8			
Rear wheels	15x6.00-6			



REDUCED MAINTENANCE

The GTS is a multi-function machine that has been specifically designed to also reduce maintenance and costs.

The **direct loading of the grass** is certainly a first significant advantage in terms of simplicity of the machine, with a reduction in the number of maintenance operations directly proportional to the lower number of organs subject to wear and replacement, for example: load turbine, impellers and blades.

On the other hand, the **hydraulic PTO** eliminates the routine maintenance typical of mechanical transmissions, such as tensioning and replacing the belts, greasing the cardan shaft, tensioners and bearings.

The **oversized hydraulic components** ensure the reliability of the system and maintain the temperature and pressure at low levels, for increased oil life.

MOTORS

The GTS range offers two petrol models and two diesel models.

The **Briggs & Stratton twin cylinder petrol engines** are equipped with an air filter with two filtering elements and a forced lubrication system with an oil filter.

The diesel alternative consists of a 22 HP 3-cylinder liquid-cooled **Kubota diesel engine** and a filtering system with a self-cleaning cyclone pre-filter, which allow maximum performance.

The oversized radiator has an anti-clogging flap and is raised so that it can remain clean for longer, even in demanding conditions.

On both engines, the proper and precise filtration systems guarantee the protection of the engines and extend their durability.

GTS	230	230W	220D	220DW
Engine	Briggs & Stratton VANGUARD Commercial Power V-Twin 3867		Kubota D902	
Fuel	Petrol		Diesel	
Power/Displacement/HP	16.9kW / 627cc / 23		16.2kW / 898cc / 22	
No. of cylinders / cooling	2 / air		3 / Liquid	
Fuel tank capacity	15 L			
Battery	12 V 44 Amp			
Instrumentation	Tachometer, hour meter and LED headlights			
Lights kit	Optional			
Machine weight (with lift and ROPS)	655 kg	662 kg	725 kg	732 kg
Length /Width/ Height [ROPS raised]	223x100x135 [200] cm			



230 / 230w



220D / 220DW

ATTACHMENTS



COLLECTION DECK

There are two collection mowing decks that can be selected: the 96 cm version for easy passage through pedestrian access and narrow spaces; the 112 cm version for increased productivity.

Collection deck hydraulically driven	96 SA	112 SA
Working width	94 cm	110 cm
Overall dimensions (L/W/H)	235/96/39 cm	240/112/39 cm
Cutting height (can be adjusted with the lever)	from 1,5 to 9 cm	
Features	2 Discs with retractable blades	
Optional	Mulching kit	
Weight	80 kg	90 kg



DUAL CUT™ MULCHING/REAR DISCHARGE DECK

With three blades, it ensures optimal shredding of the grass.

Very powerful, with reinforced edges that can be replaced if worn. Using a quick conversion system, it switches from mulching to rear discharge in no time at all.

132 Dual Cut™ HYDR deck - 3 blades

Working width	130 cm
Overall dimensions (L/W/H)	123/133/43 cm
Cutting height electrically adjustable	From 1 to 9 cm
Weight	134 kg



MFA 110 SMART SYSTEM FLAIL MOWER

Entirely produced by Gianni Ferrari, the new flail mower is suitable both for cutting fine grass (spoon blades) and for cleaning rustic areas with brushwood (Y-blades). By adding vertical blades, combined with the previous ones, it aerates the ground while working. Three types of work with one piece of equipment.

Flail mower with scarification (48 Y-blades)

Working width	110 cm
Standard equipment	Spoon blade kit and vertical blade kit (24 blades)
Overall dimensions (L/W/H)	113/157/53 cm
Cutting height adjustable with lever	From 0.5 to 9 cm
Weight	120 kg



-  GARDEN
-  AGRICULTURE
-  CLEANING
-  SNOW



WEED BRUSH

Excellent tool for cleaning any surface of ground, squares and side-walks. Ideal for removing weeds, moss and any other form of heavy soiling.

Equipped with hydraulic transmission, single Ø 67 cm side brush with steel bristles and protective cover to prevent bystanders from accidentally projected stones and other materials along the path and work surface.

Weed brush

Working width	120 cm
Overall dimensions (L/W/H)	140/110/55 cm
Brush angle adjustment	Hydraulic, up to 90° to the right
Weight	77 kg



ROTARY SWEEPER

Device with a reinforced frame and a brush with cylindrical or segmented plastic bristles. The rotation and orientation of the brush is completely hydraulic.

The direction of rotation of the brush allows the accumulation of debris/snow on the side of the tool, also equipped with 2 swivel wheels for better driving and use on any type of surface.

Suitable for cleaning courtyards, cycle paths and roads and for removing freshly laid snow.

Rotary sweeper with hydraulic orientation

Features	Plastic bristle brush Ø30cm
Working width	100 cm
Overall dimensions (L/W/H)	120/115/52 cm
Weight	80 kg





SNOW BLADE

The snow blade can be hydraulically lifted and swivelled, which means that the GTS can be used productively even in winter.



Snow plough with hydraulic orientation

Working width	110 cm
Adjustment	Hydraulic, 30° to the left - 30° to the right
Overall dimensions (L/W/H)	115/111/40 cm
Weight	72 kg



SNOW THROWER

Snowthrower, 100 cm, double stage, hydraulic orientation and plexiglass protection for the operator. Discharge chute with hydraulic rotation and manual tilt adjustment.



Two-stage snowthrower with hydraulic orientation

Working width	100 cm
Optional	Plexiglass windshield
Overall dimensions (L/W/H)	110/135/123 cm
Weight	90 kg





Advanced Groundcare Solutions™



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GTS 230
GTS 230W
GTS 220D
GTS 220DW

