

1 Turbo **1^w Turbo** **2 Turbo** **4 Turbo**



**Gianni
Ferrari**





➤ SWEEPER TS150

Adds more versatility in all seasons to your Turbo 1, 2 and 4.

The new sweeper TS150 is the ideal tool for collecting leaves, waste paper, tin cans and plastic bottles on any kind of surface.

- Working width 150 cm
- 2 hydraulic motors
- Mixed brushes plastic / steel
- Two water tanks holding 100 litres with 3 spraying nozzles.
- Brushes move left to right from driving seat.

The main features of the unit are:

- Fast and efficient collection even with large amounts of leaves or other debris such as paper, cans or plastic bottles on the ground.
- The sweeping unit moves right to left from the driving seat allowing working in all driving directions.
- Water tank (100 lt) with autonomy of 2 to 3 hours for work with dust.
- The vacuum hose can be directly fitted to the sweeper without any tools.
- Floating brushes equipped free rotating bumpers to allow working close to walls and pavements.
- Optimal result even on grass.
- Two front wheels are available for use on pebbles.

- The 5 mt vacuum hose can be used also without sweeper and it is ideal to collect large amount of leaves, paper debris, plastic bottles, cans, operating far from the unit and in unapproachable spaces to the machine.

- This new filter, exclusive and patented, minimizes the exit of debris and dust from the collector.

It is self cleaning through an hydraulic motor at each collector dumping. Easy to wash at the end of the job.

Strong and reliable, it let full capacity to the collector.





➤ Cut

The revolutionary patented mower deck fitted to the Turbo 4 has a large collection capacity that does not clog even when cutting long wet grass, giving a quality cut similar to that obtained with cylinder blades.

➤ Two important patented innovations!

1) Rotation direction: the blades turn in the opposite direction compared to traditional mower decks. This rotation reversal has surprisingly positive results on cutting quality and collection efficiency.
2) Mower deck front edge: the mower deck combines all the latest safety features. At the front of the mower deck there is an opening edge higher than the blades cutting level. This difference in height prevents grass from being compressed, allowing the blades to cut precisely even with long grass. The deck conforms to all current safety standards by means of a moving flap that opens in case of long grass and prevents any objects from being thrown out of the deck. This simple feature easily passed all the latest safety legislation. The mowing deck is equipped with two plates with articulated blades.

The system has two main advantages:

- it is extremely strong since it can withstand violent impacts
- the double blades prevent the accumulation of grass and dirt in the upper part of the deck, always giving a perfect cut and collection.

The floating action of the mower deck copes with the most difficult cutting conditions even on uneven surfaces.

The hydraulic lift of the deck to the vertical position enables easy access to the bottom of the mower deck, so that maintenance such as blade changing and cleaning are made easy.

Turbo 4 can cut and collect grass, together with leaves, waste papers, tins, plastic bottles. Etc..., at a rate of 5.000 to 15.000 sq.m/hour with perfect cutting and collecting quality.

The exclusive cutting height adjustment is set by a single lever, very fast way and without any effort. The total time to vary the cutting height is less than 10 seconds.

➤ Inlet and collecting system

The intake hose connecting the mower deck to the fan is made of strong steel instead of plastic for long life.

The large powerful vacuum fan has a diameter of 360 mm producing a high input of air at low rpm resulting in low noise level.

The vacuum fan is equipped with 6 articulated blades that are easily changed in case of damage or wear.

➤ Grasscatcher

The grasscatcher container is made of high resistance polyethylene equipped with a filter, a back door, a chute and buzzer warning when the container is full.

The grass filter is composed of easily removable metal mesh with plastic protection reducing cleaning time.

The rear door automatically opens when the grasscatcher is tipped. An efficient and strong grasscatcher high dump up to 220 cm. (option) allows the operator to easily and rapidly discharge the cut grass directly into a truck or a trailer. All these features drastically reduce your cutting and tipping time.

➤ Dump body

An aluminum dump body can equip the mower without the collection system, and be very useful for transport of sand, clay or other material.

TURBO TURBO TURBO TURBO



SAFETY FIRST!!!

These machines have been designed and built with the aim of safety and reliability in every working condition.

The machine and relevant equipment have been subjected to various tests and checks provided by the EEC regulations for safety, noise, vibrations and electromagnetic emissions. Several devices have been installed on the machine to ensure maximum safety.

TURBO 1 - TURBO 1W

Compact and powerful.

The new Turbo 1 is extremely efficient on flat ground or on areas with slight slopes.

A powerful 3 cylinders diesel engine and a large blower allow very high cutting speed and a very good cutting quality even with high and wet grass. A 900 litre grass collector, together with a high dump elevator (dumping at 2.1 mt) will make your job extremely productive with a top speed of 18 km/h. Very compact, can easily work with obstacles and narrow paths. The Turbo 1W is provided with 4 wheel drive for a perfect traction on hard slopes.

TURBO 2

For a maximum of efficiency.

Turbo 2 has the same features as Turbo 1 but with a more powerful 4 cylinder diesel engine and a 1.100 litre grass collector.

Performances in open areas consequently improve: a football field with thick and wet grass can be cut and collected within an hour, with a cutting quality very close to that obtained by a reel mower.

TURBO 4

For maximum traction and power.

Unbeatable on areas with strong slopes. The low center of gravity of the Turbo4 allows safe cutting even on the side of slopes, where competitors' mowers could not work.

An exclusive automatic traction control allows a very sharp turning radius, providing the machine with high manoeuvrability.

Power, collector capacity, speed as Turbo 2.

▶ Driving position

Since this is a highly professional machine, intended for extended use during day time, particular attention has been paid to the operator's seat and control ergonomics to give the driver maximum comfort and safety. The lever controls for the engine, the blade engagement and the three hydraulic control levers (deck lift, grasscatcher emptying and lifting) are all located near the operator's right hand and are all easily accessible.

Warning lights and level gauges are located on the steering wheel support column.

The fully adjustable steering wheel always allows the correct drive position to be achieved by the operator and it is extremely comfortable.

Access to the seat is unhindered as there are no obstacles between the steering wheel, seat and foot-platform.

The power steering has its own hydraulic pump that controls a double action steering ram and also acts as a connection bar to the steering hubs.

The foot-platform is mounted on anti-vibrating damper brackets and is fully adjustable to the vertical position allowing the mower deck to be as well set in the vertical position.

The seat is adjustable in various positions for better comfort.



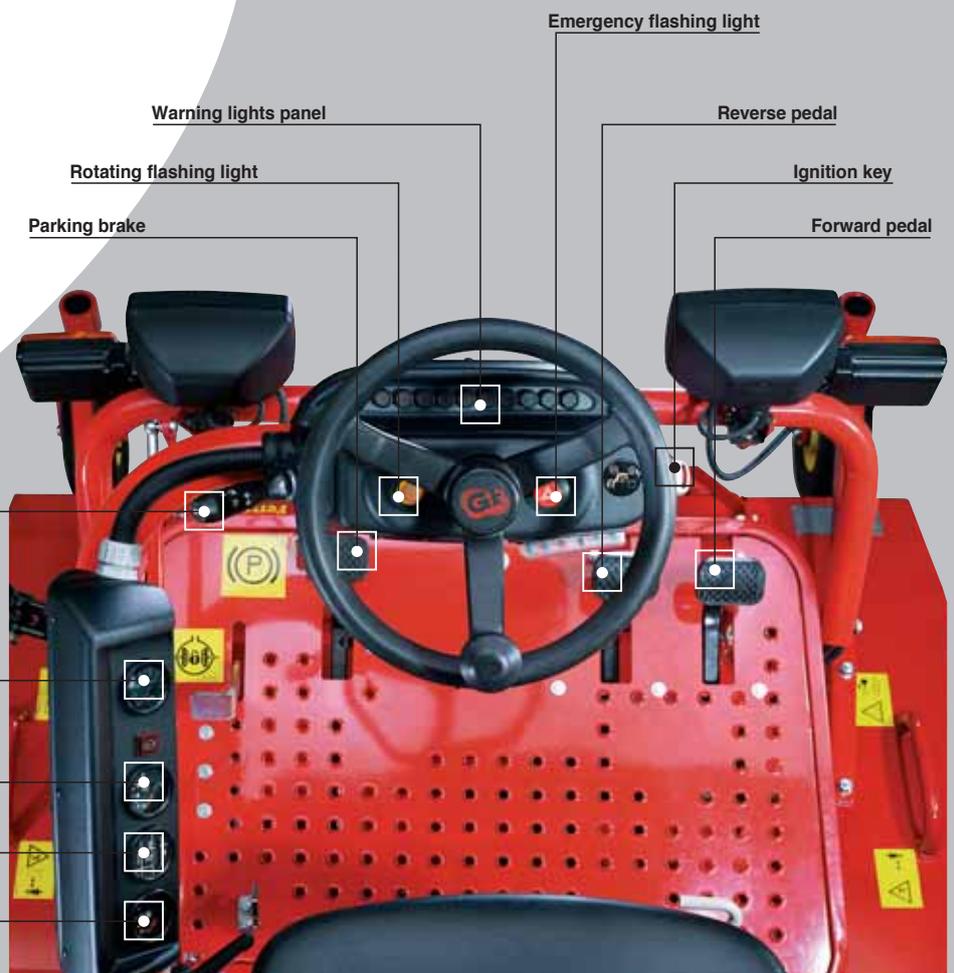
Lights, horn, direction indicator selector

RPM Counter

Cooling fluid temperature

Hour meter

Fuel level



Warning lights panel

Rotating flashing light

Parking brake

Emergency flashing light

Reverse pedal

Ignition key

Forward pedal



▶ Brakes

Two large disk brakes give positive and safe braking even on steep slopes.

▶ Engine

Gianni Ferrari offers the advanced engines on the market: **Kubota** 3 or 4 cylinder for maximum reliability, power and low noise level.

▶ Transmission Turbo 1 and Turbo 2

Turbo 1 and 2 are provided with hydrostatic transmission with variable pump and hydro motor controlled by lever. Front axle with differential lock.

▶ Transmission Turbo 1W

The double transmission is provided by 2 orbital hydro motors connected to the rear wheels. The system is provided with a partial disengagement device of the front axle to avoid scuffing and to increase the steering angle of the machine.

▶ Transmission Turbo 4

The double hydrostatic transmission is provided by a system composed of a variable capacity hydraulic pump with powerful drive that controls two hydraulic motors, one per axle.

Each hydraulic motor is installed on a differential gear connecting two gear drives in an oil bath that transmits motion to the wheels. The system is fixed on a strong chassis made of highly resistant steel. The system is extremely safe and powerful, and enables the machine to easily climb the most difficult slopes.

The differential gear on the front axle is equipped with a differential lock to further improve the traction of the machine.

The rear drive axle differentiates itself from traditional steering wheels axles by the absence of a steering universal joint, allowing a tighter steering angle.

A further patented device that increases the steering angle comprises an automatic proportional release of the front axle.

Due to this automatic release the machine can steer with an internal radius on the front wheel of only 70 cm.

The machine has an extremely low centre of gravity enabling it to go across a slope without the fear of tipping over.



TURBO 1W



TURBO 4



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➤ Rops

The Roll Over Protection System (ROPS) comes complete with a safety seat belt & a sun roof. This structure offers the operator protection in case of the machine rolling over. Its hinged construction makes maintenance easy.

➤ Snow blade

The snow blade can be hydraulically lifted and put in any position, allowing your Turbo 4 to be useful and productive throughout the winter.

➤ Snow Thrower

Snow Thrower two-stage, 130 cm, hydraulic oriented and plexiglass protection for the operator.

➤ Rear discharge/mulching 130-150-165 deck

With the cutting width of 130, 150 or 165 cm it is a very innovative deck with exceptional performances.

An exclusive adjustment system of the cutting height allows a fast adjustment without effort.

These decks are very safe and strong even in very difficult working conditions and have a very good cutting quality on nice lawn and for rough on golf courses.

The mulching kit allows a better mulching of the grass avoiding its collection. It is recommended during the central cutting period or when a perfect surface cleaning is not required.

➤ Scarifier

The scarifier has a working width of 100 cm and covers large areas in a short time. It is suitable for the removal of moss due to grass residues and for preparing the area for sowing.

A new collection kit is available.

➤ Flail mower

With a working width of 120 (for Turbo 1) or 155 cm (for Turbo 2-4) this heavy duty Flail Mower is ideal for use on fine grass, weeds and dry twigs.



Advanced grounds care solutions



GTS
16-22 HP



GT
22-30 HP



PG
20-30 HP



SR
20-30 HP



SRZ
15-27 HP



TURBOGRASS
20-22 HP



TURBO 5
50 HP



TURBO 6 - 6 FLAIL
60 HP



TURBOLOADER
28-36 HP

SPECIFICATIONS

TURBO TURBO TURBO TURBO

BASE MACHINE

	Model	Kubota D1105 (Turbo)	Kubota D1505
ENGINE	Model	Kubota D1105 (Turbo)	Kubota D1505
	Displacement cc - HP	1123-28 (33)	1498-36
	Cylinders - RPM	3 - 3000	4 - 3000
	Type	Diesel 4 stroke water cooled	
	Fuel tank	40 Liter	
WEIGHT AND DIMENSION	Weight without attachments	700 Kg	750 kg
	Ground clearance		17 cm
	Max. width		120 cm
	Total length (with deck)	250 (300) cm	280 (330) cm
WHEELS	Front	23x10.5-12	24x12.00-12
	Rear	16,5x7.50-8	20x10-8
ELECTRIC SYSTEM	Battery	12 V 70 Amp.	
	Instruments	RPM Counter, hour counter, water temp., preset for lighting set, fuel level	
	Safety sensors	According to EC regulation	
TRANSMISSION AND STEERING	Wheel drive	2 WD	4 WD
	Transmission type	Hydrostatic Sauer Sunstrand	
	Speed control	2 pedals	
	Forward ground speed - Reverse ground speed	0 - 18 Km/h / 0 - 9 Km/h	
	Steering - Turning radius	Power steering wheel - 70 cm	
	Seat	Grammer super confort with arm rest	
BRAKES	Operational braking - Parking brake	Hydrostatic braking through transmission - Discs on front axle	

ATTACHEMENTS

COLLECTION DECK	Cutting width - Weight	130 / 150 cm - Kg 140 / 180
	System	2 discs with articulated blades. Can be secured in vertical position
	Cutting height	Adjustable with single lever from 2 to 8 cm
REAR DISCHARGE / MULCHING DECK	Cutting width - Weight	130/150/165 cm - Kg 140/150/200
	System	3 discs with articulated blades. Can be secured in vertical position
	Cutting height	Adjustable from 2 to 8 cm
FLAIL MOWER	Cutting width - Weight	120 / 155 cm - 180 / 220 Kg
GRASS COLLECTOR	Capacity - Weight	900 liters - 70 Kg
	Description	1100 liters - Kg 80 High impact polyethylene - Audible warning of full load Hydraulic dumping
HIGH DUMP ELEVATOR	Max dumping height - Weight	220 cm - hydraulic oriented - Kg 115
SNOW BLADE	Working width - Weight	150 cm - hydraulic oriented - Kg 120
SNOW THROWER	Working width - Weight	130 cm with hydraulic control - Kg 120
AERATOR	Working width - Weight	100 cm - Kg 90
ROOF	Description	For rain or sun protection
ROPS	Description	ROPS for driver protection with roof
VACUUM HOSE	Description	5 mt long plastic hose with steel handle
SWEeper	Description	Working width 150 cm. - 2 hydraulic motors - two water tanks holding 100 litres with 3 spraying nozzles hydraulic side move

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