

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



First of its class!





➤ 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.





➤ 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.

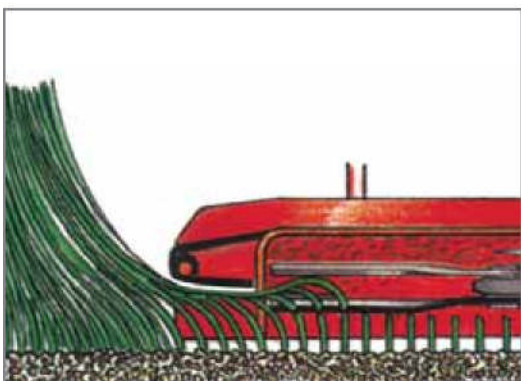
2. Mower deck front edge: the mower deck combines all the latest safety features. At the front of the mower deck there is an opening edge higher than the blades cutting level. This difference in height prevents grass from being compressed, allowing the blades to cut precisely even with long grass. The 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.



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 210 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 800 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 Turbo 4 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.

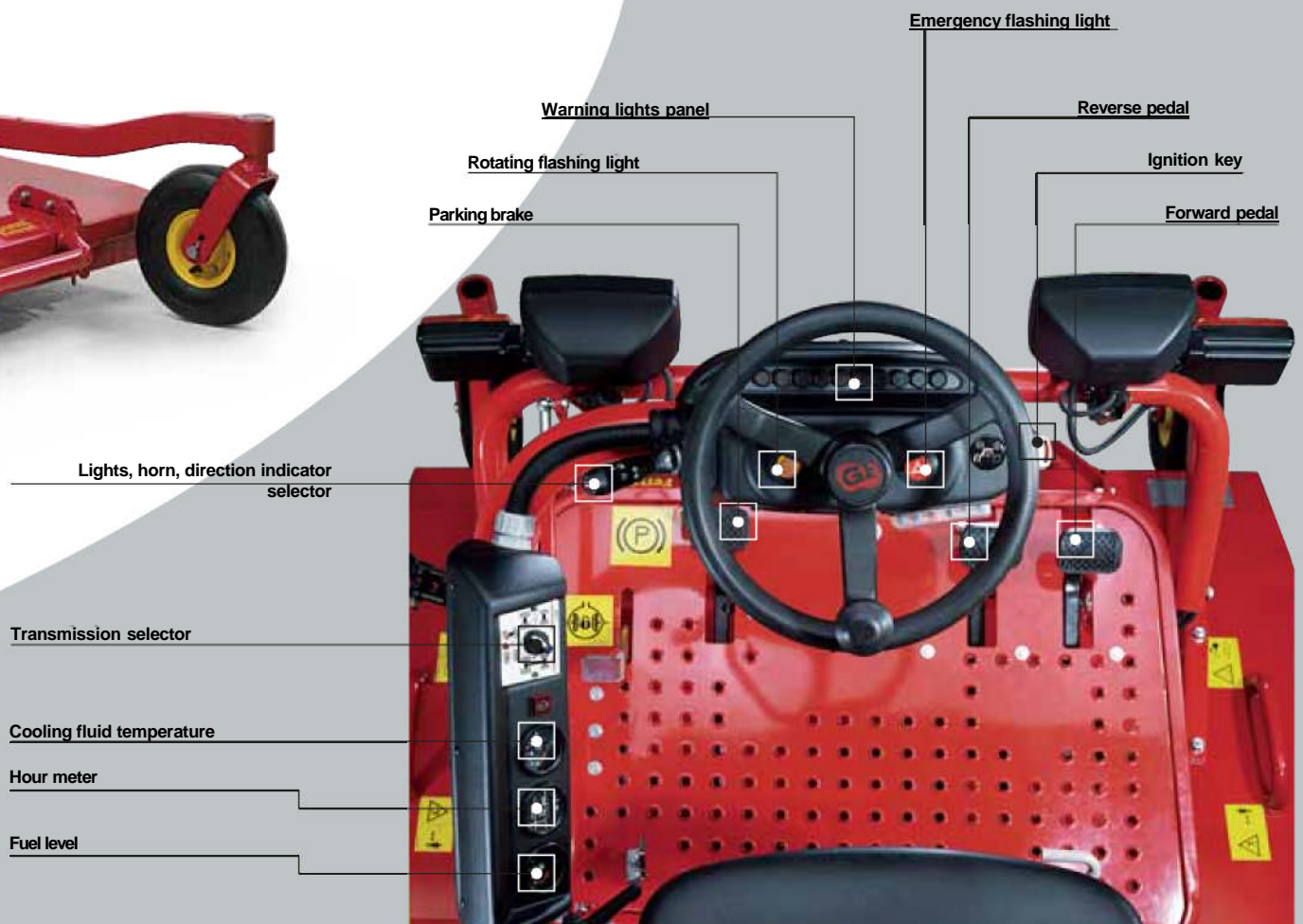
The fully adjustable steering wheel always allows the correct drive position to be achieved by the operator and it is extremely comfortable.

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

Transmission selector

Cooling fluid temperature

Hour meter

Fuel level

Warning lights panel

Rotating flashing light

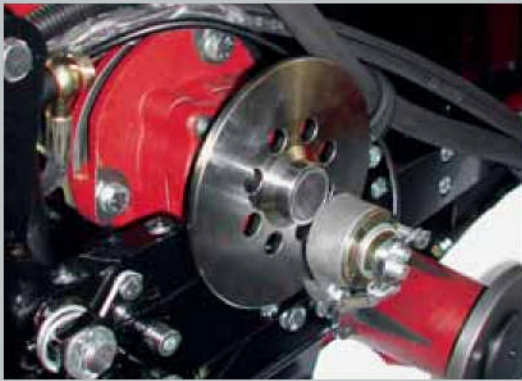
Parking brake

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.

Lombardini 3 or 4 cylinder with the additional advantages of an european engine.

> 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 device that increases the steering angle comprises an automatic release of the front axle when the steering angle is more than 30°.

Due to this automatic release the machine can steer with an internal radius on the front wheel of only 55 cm.

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



**Gianni
Ferrari**



➤ 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.

➤ Rear discharge/mulching 130 or 165 deck

With the cutting width of 130cm or 165cm 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.

➤ 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.



TURBO TURBO^{1W} TURBO TURBO

SPECIFICATIONS

BASE MACHINE

▶ ENGINE	Model Kubota D1105 or Kubota D1505 or Lombardini FOCS 1003 Lombardini FOCS 1404
	Displacement cc - HP 1123-26 or 1028-25 1498-34 or 1371-32 Cylinders - RPM 3 - 3000 4 - 3000 Type Diesel 4 stroke water cooled Fuel tank 25 Liter 25 Liter 40 Liter 40 Liter
▶ WEIGHT AND DIMENSION	Weight without attachments 700 Kg 750 kg 800 Kg 860 Kg Ground clearance 17 cm Max. width 120 cm Total length (with deck) 250 (300) cm 280 (330) cm
WHEELS	Front 23x10.5-12 Rear 16,5x6.50-8 16,5x7.50-8 18x8.5-8 18x8.5-8
▶ ELECTRIC SYSTEM	Battery 12 V 80 Amp. Instruments 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 2WD 4WD Transmission type Hidrostatic 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 - 55 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 130 / 170 System 2 discs with articulated blades. Can be secured in vertical position Cutting height Adjustable from 2 to 8 cm
▶ REAR DISCHARGE / MULCHING DECK	Cutting width - Weight 130 / 165 cm - Kg 130 / 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 - Kg 180 / 220
▶ GRASS COLLECTOR	Capacity - Weight 800 liters - 70 Kg 1100 liters - Kg 80 Description High impact polyethylene - Audible warning of full load Hydraulic dumping
▶ HIGH DUMP ELEVATOR	Max dumping height - Weight 210 cm - hydraulic oriented - Kg 115
▶ SNOW BLADE	Working width - Weight 150 cm - hydraulic oriented - 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 120 litres with 3 spraying nozzles hydraulic side move

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.



TG Tech
Petrol 15.5-18 HP



TG 200
Petrol/Diesel 20 HP



PG
Petrol/Diesel 18-20 HP



SR
Petrol/Diesel 18-20 HP



Turbogress
Petrol/Diesel 18-22 HP



Turbo 1-1W-2-4
Diesel 25-35 HP



Turbo 5
Diesel 50 HP



Turbo 6
Diesel 60 HP

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COMPANY
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