

# ***Turbograss***



 Gianni  
Ferrari

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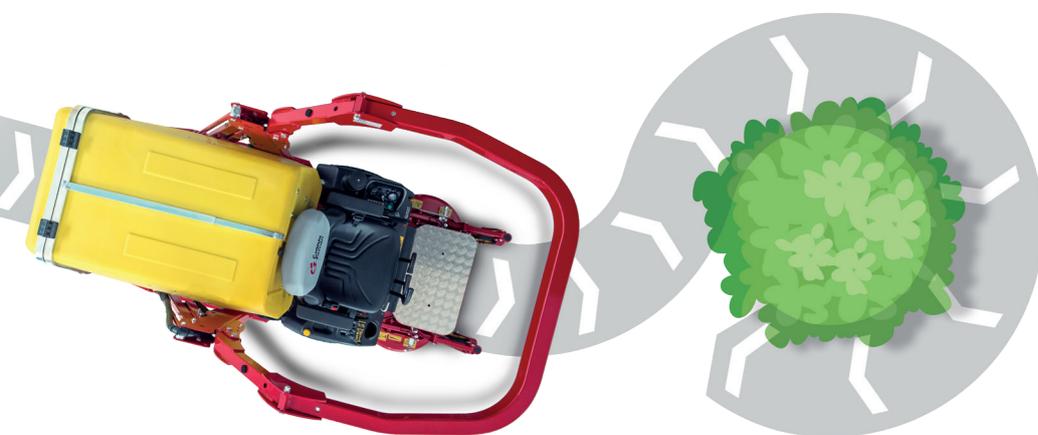
# TURBOGRASS

The historical forerunner of the entire Gianni Ferrari range, Turbograss is a multifunction machine suitable for all seasons, ideal for cutting and collecting grass, leaves, litter, and all kinds of waste. With an effective rate of 8,000 sq.m/hour and perfect cutting and collecting quality, it is known all over the world for its superior manoeuvrability.

## ZERO TURNING RADIUS

The innovative system of dual hydrostatic transmission and the compact dimensions are the most significant features of the manoeuvrability of this machine with zero turning radius (ZTR).

- / **Extreme speed** on various kind of grounds, for great productive efficiency
- / **Great Manoeuvrability** among trees, shrubs, flower-beds and in narrow passages of parks and gardens
- / **Zero time wasting** due to manoeuvres
- / **Manual finishing eliminated:** optimized working times



# CUTTING SYSTEM

The revolutionary frontal cutting deck RCA, available with a cutting width of **110 or 130 cm**, assures a very similar cutting quality to helicoidal blades. The floating action solves the most difficult cutting conditions even on slight slopes and undulating terrain.

The cutting unit is equipped with 2 discs with reversal rotation blades and has two significant Gianni Ferrari patents:

## REVERSAL ROTATION OF BLADES

The RCA deck has discs with double blades turning in opposite direction compared to traditional mower decks, with an increasing of cutting quality and an effective collection, without clogging even with damp and wet grass.

## FRONT DECK OPENING

On the front of the deck skirt there is a central opening (with mechanically adjustable bulkhead for the 110 cm model and wear-resistant plastic strips for the 130 cm model), to make the edge higher than the cutting level of the blades.

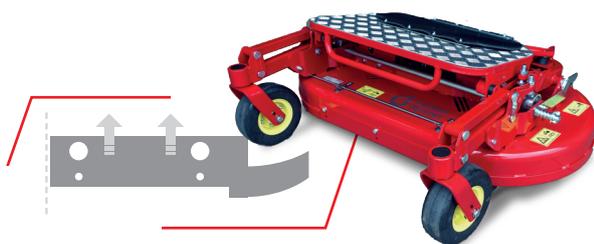
As a result the grass does not lay flat and the cutting is more accurate even with long grass.

The mowerdeck can be raised and tilted for easy access and better and faster maintenance.

Cutting system	110 RCA	130 RCA
Features	2 Discs reverse rotation	2 Discs reverse rotation
Cutting width	110 cm	130 cm
Dimensions (Lenght/width/height)	91/113/35 cm	133/116/35 cm
Cutting height (adjustable with lever)	from 2 to 8 cm	from 2 to 8 cm
Weight	110 kg	150 kg
Central opening	Adjustable bulkhead	Wear-resistant plastic strips

## 3 GREAT ADVANTAGES

- / Extremely strong and resistant to impact
- / No accumulation of grass and dirt in the upper part of the deck
- / Grass and debris reduced size (VRS = Volume Reduction system) for better collection and compacting in the grasscatcher



Mowerdeck 110 RCA



Mowerdeck 130 RCA



Reverse rotation of the blades





Collection turbine

## WHEELS

Front drive wheels (dimensions 20x10.00-8)

Rear wheels: 3 options

- / **SINGLE WHEEL:** maximum speed and lightness (dimensions 13x6.00-6)
- / **TWIN WHEEL:** less trampling of the turf (dimensions 15x5.00-6)
- / **REAR AXLE:** more stability and simplified charge/discharge (dimensions 15x5.00-6)



## HYDRAULIC PTO ENGAGEMENT

The PTO can be operated with electro-hydraulic system: a button allows for smooth engagement of blades.



# SUCTION AND COLLECTION

The big turbine of Turbograss with high suction capacity, is equipped with **4 curved anti-clogging blades** which are easily replaced as required.

Its action reduces the volume of grass and leaves collected up to 5 times the original volume, making it possible to take full advantage of the capacity of the grasscatcher.

The grasscatcher, in high resistance polyethylene, is equipped with:

- / Galvanized metal filter and plastic protection:** minimized cleaning operation
- / Automatic hydraulic dumping:** rear door is opened automatically
- / Adjustable chute and buzzer warning when the catcher is full**

The efficient and strong **elevation of the optional hydraulic high lift system** of grasscatcher\* allows the operator an easy and quick grass discharging directly in the case of a truck or trailer.

## Features

Length/width	154/110 cm	173/110 cm
Height with lifted/lowered Rops	183/150 cm	183/150 cm
Grasscatcher capacity	350 lt.	500 lt.
Weight	45 kg	50 kg
Applicable on Turbograss	630 - 630E	630 - 630E - 922

## Elevator for high discharge\*

Weight	70 kg
Max. discharge height	186 cm

\* optional



# ENGINE MODELS

Both petrol models (with Briggs & Stratton Vanguard engines) and diesel model (with Kubota engine) are perfectly aligned to the new **STAGE V** class, in full compliance to emissions regulation.

## ELECTRONIC ENGINE EVOLUTION

The 630-petrol model is available even with **Electronic Injection Engine (EFI)**. The Electronic Engine Evolution, the last upgrade made on Turboglass, ensures the maximum fuel efficiency and an increased torque, for increased machine performances and equipment's productivity. The distribution with **OHV** (Over Head Valves) technology ensures longer engine life (in addition to 3 years warranty) and greater fuel saving, despite of its compact dimensions. Furthermore, the combined action of the MagnetronR injection system and **ECU** (Electronic Control Module), improves machine starting with its automatic altitude compensation.



## EFFICIENT AND ECOLOGICAL

-  **+POWERFUL**  
Greater efficiency and easier maintenance
-  **+ECOLOGICAL**  
Reduced CO<sub>2</sub> emissions
-  **+SAVING**  
Up to 25% less fuel each year



EFI engine



# TECHNICAL DATA

Turboglass	630	630E	922
Engine	Briggs & Stratton VANGUARD	Briggs & Stratton VANGUARD EFI	Kubota D902
Fuel	Petrol	Petrol	Diesel
Power/cylinder capacity/horsepower	17kW / 630cc / 23	17kW / 630cc / 23	16kW / 898cc / 22
N° Cylinder	2	2	3
Tank capacity	25 lt.	25 lt.	25 lt.
Max. speed	8 Km/h in both directions	8 Km/h in both directions	8 Km/h in both directions
Machine weight without elevator/grasscatcher	400 kg	400 kg	500 kg
Battery	12V 50Amp	12V 50Amp	12V 65Amp
Equipment	Hour counter	Hour counter, rev counter, signaling of engine anomalies	Hour counter, water temperature

# EQUIPMENTS



## SIDE DISCHARGE/MULCHING DECK

Deck with exceptional performances, strong and safe even in hard working conditions and excellent on high quality grass. Can be positioned vertically.

Deck 130 - 2 Discs with articulated blades

Cutting width	130 cm
Dimensions (Lenght/width/height)	103/152/32 cm
Adjustable cutting height with lever	From 1 to 9 cm
Weight	110 kg



## DUAL CUT™ REAR DISCHARGE/MULCHING DECK

With 3 blades it ensures a perfect grass mulching. Very strong, with reinforced and replaceable in case of wear edges. Through a quick conversion system, it instantly switches from mulching to rear discharge. Can be positioned vertically.

Deck 132 Dual Cut™ - 3 blades

Cutting width	130 cm
Dimensions (Lenght/width/height)	123/133/43 cm
Electric adjustable cutting height	From 1 to 9 cm
Weight	134 kg



## FLAIL MOWER MFA 110 SMART SYSTEM

Entirely produced in Gianni Ferrari, the new Flail mower is indicated both for cutting fine grass (paddle blades) and for cleaning rustic areas in presence of brushwood (Y-blades). With also vertical blades combined with the previous ones, it aerates the ground during the work. **Three types of work with a single equipment.**

Flail mower with aeration - 48 Y blades

Cutting width	110 cm
Standard equipment	Paddle blades and vertical blades kit (24 blades)
Dimensions (Lenght/width/height)	113/157/53 cm
Adjustable cutting height with single lever	From 0,5 to 9 cm
Weight	120 kg





## SNOW BLADE

Hydraulically liftable and adjustable, the snow blade makes the use of Turbograss productive also in winter.

### Snow blade with hydraulic rotation

Working width	130 cm
Dimensions (Lenght/width/height)	62/130/41 cm
Weight	90 kg



## SNOW THROWER

Two-stage snow thrower 130 cm with hydraulic rotation and plexiglass windscreen.

### Two-stage snow thrower with hydraulic rotation

Working width	130 cm
Optional	Plexiglass windscreen
Dimensions (Lenght/width/height)	115/110/116 cm
Weight	130 kg



## SALT SPREADER

It could spread salt, sand, grit, manure and granulates of different kind and weight, covering surfaces from pavements to roads.

Made by anti-corrosion material, it is composed by a distributor, spreading deck in stainless steel and polyethylene basket.

### Salt spreader Polaro

Capacity	110 lt.
Spreading width	from 80 to 600 cm
Dimensions (Lenght/width/height)	60/50/108 cm
Weight	40 kg



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**Turbograss 630**  
**Turbograss 922**