

Turbograss



Gianni
Ferrari





► Great manoeuvrability

Manoeuvrability is the most significant feature of this zero turning radius (ZTR) mower. It is achieved thanks to an innovative dual hydrostatic transmission system and compact dimensions.

The machine moves extremely quickly on ground with trees, shrubs and flower-beds or in parks and in small gardens or along narrow paths. Elimination of manual trimming and time wasting due to complicated manoeuvres together with the units high forward grass speed and large capacity grass collector guarantee a considerable productive efficiency and a reduction in working time.

► Cut

The revolutionary patented mower deck of 110cm or 130cm, has a large collection capacity that does not clog even when cutting long wet grass, giving a quality of cut similar to that obtained with cylinder mowers.

► Two important patented innovations!

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.

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 closes to prevent 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 swingback blades.

The system has three main advantages:

- it is extremely strong and 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.
- clippings are cut into smaller pieces, travelling quicker through the system and packs tighter in the collector.

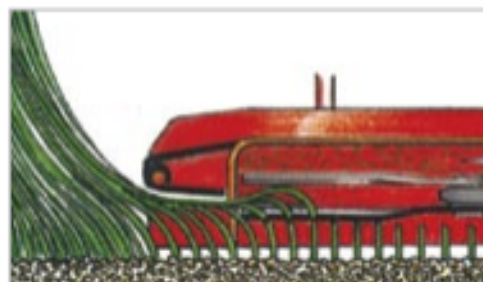
The floating ground following action of the out front mower deck copes with the most difficult cutting conditions even on uneven surfaces. The hydraulic lift of the deck to the vertical position enables easy access to the bottom of the mower deck, so that maintenance such as blade changing and cleaning are made easy.

Turbograss can cut and collect grass, together with leaves, waste papers, tins, plastic bottles. Etc..., at a rate of 4.000 to 8.000 sq.m/ hour with perfect cutting and collecting quality.

► Inlet and collecting system

The large powerful vacuum fan produces a high input of air.

The vacuum fan is equipped with 4 special curved rotor blades that are easily changed in case of damage or wear and is fitted with an exclusive anti-clogging device. The turbofan shreds and reduces leaf volume 5:1.



News



► Hydraulic PTO engagement

The traditional PTO lever has been replaced by a new electro-hydraulic system controlled by a switch that allows a smoother engagement of the transmission improving belts life.

➤ 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 zinc plated metal mesh with plastic protection plate, reducing cleaning time.

The rear door automatically opens when the grasscatcher is tipped. An efficient and strong grasscatcher high dump up to 180 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. Hydraulic dump and elevator rams reduce manual labour.

➤ 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.

➤ Rear discharge/ mulching 110-130-150- deck

With the cutting width of 110-130-150 cm it is a very innovative deck with exceptional performances. It is very safe and strong even in very difficult working conditions and has a very good cutting quality on nice lawn. It is supplied with a mulching kit that finely mulch the mowed grass. Grass clippings are evenly spreaded all over the cutting width. Cutting height is adjustable in few seconds by an exclusive single lever device (not for 110).



➤ Snow blade

The 120 cm snow blade attachment is provided with hydraulic lift and positioning. It makes your Turbograss even more useful and productive during the winter season.



➤ Snow Thrower

Snow Thrower two-stage, 110/130 cm, hydraulic oriented and plexiglass protection for the operator.



➤ Scarifier

The scarifier has a working width of 100cm 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.



➤ Ruote posteriori



Single wheel, for swiftness and lightness.



Twin wheels, for light pressure over lawns.



Axle with two wheels, for better stability with the collector lift and easier loading/unloading of the unit.



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GTM - GSM
15.5-16 hp



GTR
18-20 hp



GTS
20-22 hp



GT
23 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

Turbograss

TECHNICAL SPECIFICATIONS

BASE MACHINE

Model	Turbograss 630	Turbograss 922
Engine		
Model	Briggs & Stratton VANGUARD	Kubota D902
Displacement	630 cc	898 cc
Hp	23	22
Cylinders	2	3
Stroke	Petrol	Diesel
Fuel tank in liter	25	
Weight and dimension		
Weight without attachments	400 Kg	500 Kg
Total length		
Collector 350 L - 110 RCA (130 RCA)	220 cm (250 cm)	—
Collector 500 L (700 L)	—	260 (285 cm)
Collector 500 L - 110 RCA (130 RCA)	243 cm (277 cm)	—
Ground clearance	13 cm	
Wheels		
Front drive wheels	20x10.00-8	
1 or 2 rear wheels pivoting	15x6.00-6	
Electric system		
Battery	Battery 12 V 50 Amp.	Battery 12 V 65 Amp.
Instruments	Hour counter	Hour counter - Water temp.
Safety sensors	According to EC regulation	According to EC regulation
Transmission and steering		
Transmission type	Dual hydrostatic - Gear drive axle each wheel in oil bath	
Steering	Two levers - One for each wheel - Controlling speed, forward, reverse	
Speed control	One lever controlling speed, neutral, park position	
Speed	Ground speed 0-8 km forward/reverse	
Turning radius	0	
Brakes		
Operational braking	Hydraulic parking brake (on the transmission)	
Parking brake	Mechanical parking brake (on the gear drive axle)	

ATTACHMENTS

Collection deck	
Cutting width / Weight	110 cm or 130 cm / kg. 115-130
System	2 discs with articulated blades. Can be secured in vertical position.
Cutting height	Adjustable with single control from 2 to 8 cm
Rear discharge/mulching deck	
Cutting width / Weight	110/130/150 cm - kg. 110/140/150
System	2/3 discs with articulated blades. Can be secured in vertical position. Mulching kit.
Cutting height	Adjustable with single control from 2 to 8 cm
Grass collector	
Capacity in liter / Weight	350 - 500 / 45-50 Kg
Description	500 - 700 / 50-60 Kg High impact polyethylene - audible warning of full load Hydraulic dumping
High dump elevator	
Max dumping height / Weight	180 cm / 70 Kg
Snow blade	
Working width / Weight	cm 120 - hydraulic oriented / 80 Kg
Snow thrower	
Working width / Weight	cm 110-130 with hydraulic control / 120-130 Kg
Aerator	
Working width / Weight	100 cm / 90 Kg

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