

PG 200 - 250 - 270W

IDEA FERRARI



Gianni
Ferrari

Front Hydrostatic Lawnmower



First in its class!



PG 200 - 250 - 270W

Front Hydrostatic
Lawnmower



IDEA FERRARI



► The PG range

The PG range comes in a wide variety of configurations: petrol or diesel (20HP, 25HP or 27HP), 2 or 4 Wheel Drive, and with either low or high dumping.

Several attachments can also be fitted to the PG range which increase the flexibility of the machines.

Due to the wide choice of versions and attachments, PG machines are able to provide solutions to the most varied operational needs and allow professional landscapers to be immediately productive. A true multi-purpose performer.

PG front-mounted mowers are designed for the cutting and simultaneous collection of grass. Because of this, the collection system is built into the machine, with the steel blower and the collection tube located inside the traction unit.

This solution offers multiple advantages:

- since there is no external collection tube the machine is compact, is better balanced and has a lower centre of gravity. As well as providing increased manoeuvrability, the lack of an external tube also allows the operator to trim edges etc... using both sides of the deck and ensures the machine can be used in narrow or confined spaces;
- collection is more effective because the cut grass travels for a shorter distance and there is no frictional loss in the collection ducting. This guarantees that no grass clippings are left on the ground and prevents clogging of the blower and collection tube; the machine is multi-purpose, because the blower and the hopper are always available to be used with other attachments.

► Engines

A wide choice of high performance and reliable engines are available.

All engines, both petrol and diesel, are 3-cylinder liquid-cooled and are installed lengthwise in the rear of the traction unit. The radiator vent blows towards the rear of the machines. This allows the operator to be located away from heat and keeps the radiator clean for longer periods.





► Transmission and drive

PG machines are equipped with hydrostatic transmission, with the pedal feed allowing the operator to vary speed from 0 to 14 Km/h (4WD version).

In difficult conditions (uneven ground, slopes or poor traction) the differential can be locked to ensure the same drive on both front wheels, thus improving the control of the machine. The hydraulic steering acts on the rear wheels and ensures precise and rapid changes of direction, while simultaneously reducing the operator effort required.

PG machines come in a dual tail wheels (3-wheel) version for an extremely small turning radius and great agility, and in a 4-wheel version with a rear floating axle. This version ensures a reduced turning radius and provides stability and safety especially when the operators drives down, up or across slopes. All 4 WD models adopt the patented HTC™ (Hydrostatic Traction Control) system which provides significant advantages:

- It intelligently varies the traction supplied to each rear wheels to prevent them from damaging the turf during turning operations;
- It ensures that traction is still supplied all four wheels, even during turning operations. This is a major safety advantage over other solutions on the market which actually disable the 4WD capability when the operator initiates a turn.



► Safety

PG machines have been designed and manufactured in compliance with the strictest safety directives of the European Union and other International Standards bodies. All PGs may be fitted with a protection structure (ROPS) to ensure the operator's safety should the machine overturn. The ROPS has passed all tests required by OECD code 7 and is certified by the University of Bologna.

The protection structure is provided with roof for protection against sun and rain.

Large front lights allow for safe operation even in situations with reduced visibility. Therefore the machines are productive throughout the day.

The low barycentre and the proper distribution of weights on the axles also offer great stability to the machine.

► Road use approval

4-wheels diesel PG models supplied with a «kit for road use approval» (front and rear lights, indicators, flashing beacon, horn, etc.) can be used on roads.

Depending on the approval received, it is possible to drive on roads either with the mower, or with the equipment stated in the vehicle registration document or with an empty or full hopper.



PG 200 - 250 - 270W

IDEA FERRARI



FRONT HYDROSTATIC LAWNMOWER



The PG range

has been consistently updated and enhanced to meet with the needs of the professional market. Lawnmowers from the PG family are able to stand the scrutiny of discerning customers and those who appreciate high quality. Thousands of professional landscapers use these machines for their jobs and faithfully renew their choice due to the reliability, efficiency, low-cost operation and ease of use offered by PG mowers.



**Gianni
Ferrari**

▶ Driver's seat

The control and indicator dashboard is located directly in front of the operator. This ergonomic solution provides for easier use and more control of the mower.

A digital display provides information on the general operation of the machine (hour meter, engine water temperature, available fuel etc...). It also acts as a diagnostic fault-finder should any problems occur.

The seat can be adjusted to fit the height and weight of any operator. The height and rigidity of the seat springs can also be adjusted.

All controls are located within easy reach and the hydraulic distributor levers are protected from accidental operation.





➤ Cutting

All cutting equipment and attachments are mounted at the front of the machine.

This allows cutting before compaction of the grass, improving the quality of the cut and providing better visibility for the operator. This solution also allows for cutting under bushes and makes work around trees and trimming along walls etc... easier. Cutting decks are based on a disc system with double articulated blades (except 150 SM deck).

This offers two main advantages:

- the articulated blades absorb shocks and helps protect the transmission against damage from any debris left in the grass;
- the double twin blades prevent the build-up of grass clippings under the top of the deck chamber, ensuring consistent cut quality and reducing the level of deck maintenance.

➤ Hydraulic controls

PG machines are fitted with a hydraulic front lift for decks and attachments.

This enables the machines to mount kerbs and other obstacles. It also allows for easier access for maintenance. The installation of all the attachments is quick and can be performed without using any tools.

Emptying the hopper is performed via dual hydraulic cylinders, which make dumping a fast and easy operation.



➤ Hopper

The large 600-litre hopper is manufactured using a very strong, shock-resistant material.

It is fitted with a filter, baffle and a warning buzzer that signals when the hopper is full.

The filter is easily removable for easy cleaning; it is a steel mesh that prevents grass from escaping, yet it ensures positive air flow ensuring that the hopper is filled to capacity. The audible warning advises the operator to disconnect the PTO (Power Take Off) when the hopper is full, thus preventing the obstruction or clogging of the collection tube.

The baffle inside the hopper is covered with a metal plate that prevents abrasion.

The anti-shock external frame is made of steel tubular and protects the hopper and fairings from the impacts that frequently occur when working in confined spaces or close to obstacles.

➤ High dumping lift

4-wheel PG models can be fitted with a lift elevator. By means of a hydraulic operation parallelogram system, the hopper can be lifted up to 1,90 metres to dump the grass directly into a truck, trailer, skip or bin.

The hopper can also be emptied at any height that is lower than the maximum, due to the independent dumping control.



**Gianni
Ferrari**

➤ Mower decks

In order to meet the specific requirements of each operator, we offer a wide range of mower decks which suit a wide variety of operating conditions.

Cutting and collection decks are available in 112 cm, 126 cm and 130 cm. Decks for cutting without collection, or for mulching, are available in 130 cm and 150 cm.



112
Collection

126 SA / 130 RCA
Collection



130 SL
Side discharge

130 SP
Rear discharge
and Mulching



150 SM
Mulching and side
discharge

➤ Flail Mower

A rugged flail mower attachment is available for clearing long grass, scrub and even brushwood.



➤ Aerator

The 100cm aerator is particularly useful in spring or at the end of the summer to remove moss and weeds and to help the grass breathe.



➤ Sweeper with collection, filter and water spraying kit

The hydraulic sweeper system allows the operator to collect leaves and litter etc... in the machine's hopper. The optional self-cleaning filter prevents dust from flowing out of the hopper while the water spraying kit wets the work surface limiting the amount of dust raised by the rotation of the brushes.



➤ Vacuum hose

A hose attached to the blower allows the operator to collect large quantities of leaves, paper, etc...



➤ Front grader blade

The ideal tool to level sand and soil, fill dips in the ground or clear snow.



➤ Snow thrower

The dedicated 130 cm, double-stage snow thrower comes fitted with hydraulic orientation, allowing the operator control the angle of attack. It is also fitted with a Plexiglas screen to provide additional protection for the operator.



PROFESSIONAL MOWERS



TG TECH
Petrol 15,5 - 18 HP



TG 200
Petrol/Diesel 20 HP



PG
Petrol/Diesel 20-27 HP



SR
Petrol/Diesel 20-27 HP



SRZ
Petrol/Diesel 15-27 HP



Turbograss
Petrol/Diesel 18-22 HP



Turbo 1-1W-2-4
Diesel 26-36 HP



Turbo 5
Diesel 50 HP



Turbo 6
Diesel 60 HP

TECHNICAL SPECIFICATION

Model	PG 200 Diesel		PG 250		PG 250 Diesel		PG 270 W Diesel
	3 wheels	4 wheels	3 wheels	4 wheels	3 wheels	4 wheels	4 wheels (4WD)
Version	3 wheels 4 wheels		3 wheels 4 wheels		3 wheels 4 wheels		4 wheels (4WD)
Fuel	Diesel		Petrol		Diesel		Turbo Diesel
Engine							
Manufacturer	Kubota		Briggs & Stratton		Briggs & Stratton		Briggs & Stratton
Model	D 722		Vanguard		Vanguard		Vanguard
Power / Displacement	20 HP / 719 cc.		25 HP / 952 cc.		25 HP / 952 cc.		27 HP / 952 cc.
Cylinders / Cooling	3 / Liquid		3 / Liquid		3 / Liquid		3 / Liquid
Fuel Tank Capacity	17 litres		17 litres		17 litres		17 litres
Transmission							
2WD or 4WD	2 WD		2 WD		2 WD		4 WD
Type	Hydrostatic with foot-operated differential lock						
Speed	Infinite variations from 0 ÷ 12 Km/h						0 ÷ 14 Km/h
Steering system	Power steering, reduced-radius steering on rear wheels						
Front wheels	20 x 10.00 - 8		23 x 10.50 - 12		23 x 10.50 - 12		23 x 10.50 - 12
Rear wheels	Twin	15x6.00-6	Twin	15x6.00-6	Twin	15x6.00-6	16x6.50-8
Electric system							
Battery	43 AH / 210 A		43 AH / 210 A		43 AH / 210 A		43 AH / 210 A
Safety sensors	EEC European Standard/ISO						
Hydraulic hopper							
Hopper type	High impact polyethylene - Audible warning buzzer of full load - Anti-clogging						
Capacity	600 litres		600 litres		600 litres		600 litres
High Dump lift height (optional)	--	185 cm	--	190 cm	--	190 cm	190 cm
Weight and measures							
Empty weight	610 Kg		695 Kg		695 Kg		825 Kg
Length/width/Height	230x102x144 cm				230x110x147 cm		
Attachments							
High Dump	Hydraulic, with two rams						
Collection Deck							
Cutting width	112 cm		126 cm		130 cm		
Blades	2 discs with double articulated blades						
Blade Rotation	Standard Counter-rotating				Opposite Rotation (RC)		
Cutting height adjustment	2 ÷ 8 cm		single lever adjustment (SA) 2 ÷ 8 cm				
Rear discharge deck with mulching kit							
Cutting width	130 cm						
Blades	3 discs with double articulated blades						
Blade Rotation	Gearbox driven						
Cutting height adjustment	single lever adjustment (SA) 2 ÷ 8 cm						
Side discharge deck							
Cutting width	130 cm						
Blades	2 discs with double articulated blades						
Blade Rotation	Gearbox driven						
Cutting height adjustment	2 ÷ 8 cm						
Mulching deck with side discharge							
Cutting width	150 cm						
Blades	3 blades						
Blade Rotation	Belt						
Cutting height adjustment	single lever adjustment (SA) 2 ÷ 8 cm						
Flail mower							
Working width	110 cm				135 cm		
Aerator							
Working width / blades	100 cm / 28 moving blades						
Collecting sweeper							
Working width	120 cm						
Brushes	Counter-rotating, 2 front + 2 mid						
Optional fittings	Water sprayer kit, anti-dust filter						
Vacuum hose							
Length	4,5 metres long with stainless steel handle						
Grader blade							
Working width	130 cm with hydraulic control						
Double-stage snow thrower							
Working width	130 cm						

OFFICINE BIEFFEBI s.r.l.
Via dell'Artigianato, 7
46023 Gonzaga (MN) Italy
Tel. 0376 52641
Fax 0376 588270
bieffebi@gianniferrari.com



COMPANY
WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2000 =



GIANNI FERRARI s.r.l.
Via Vespucci, 53
42046 Reggiolo (RE) Italy
Tel. 0522 973697
Fax 0522 973707
info@gianniferrari.com