



**FD 500** *STAGE 5*

Hydrostatic lawnmower with collection and front mower deck

**Grillo**  
AGRIGARDEN MACHINES

# FD 500

GRILLO design and build machines always giving careful consideration to the operator's needs, to transform work into pleasure



Grillo is your guarantee of quality. The company strives for continuous improvement through innovation. Continuous improvement results in quality and reliability and this, combined with excellent customer and spare parts service, means that Grillo machines retain their value over time.



# FD 500

Agile, light and easily maneuverable

**The Grillo FD 500 is a hydrostatic 2-wheel drive tractor with a particularly tight turning circle.**

It has a **113 cm** front cutting deck and a grass collection container with a **190 cm high discharge** and **15 cm overhang**.

Its structure, compact dimensions and turning radius of only 32 cm make it particularly suitable for maintaining gardens with many plants, furniture, benches, gazebos, flowerbeds, etc.

The pivoting rear axle and the front deck with independent frame gives good cutting quality even in uneven areas. The large wheels on both axles and a careful design aimed at containing the weight of the machine minimizes damage to the lawn, even when the collector is full, and the ground is soft or wet. The pedal operated diff-lock improves the effectiveness of traction to overcome slopes and move safely in difficult situations. Fuel consumption during work is particularly low, and thanks to the 22-litre fuel tank with level indicator in full view, you can mow for the whole working day without having to stop to and re-fuel.



# FD 500

## Floating cutting deck with three blades for a quality cut

The 113 cm front cutting deck makes it easy to work around edges and reach difficult spots under plants, hedges and low branches.

The cutting system has three blades, two counter-rotating blades and a central blade that creates high cutting quality and low noise and does not require special belts for its transmission.

The cutter deck's body is constructed of two rounded profiles that allow excellent collection without clogging, even with high and damp grass, a typical condition for spring mowing.

The height can vary from 2.5 to 9 cm with continuous adjustment, managed electrically via a button on the dashboard. This allows the operator to quickly and easily adapt to various work conditions in order to achieve the best quality result.

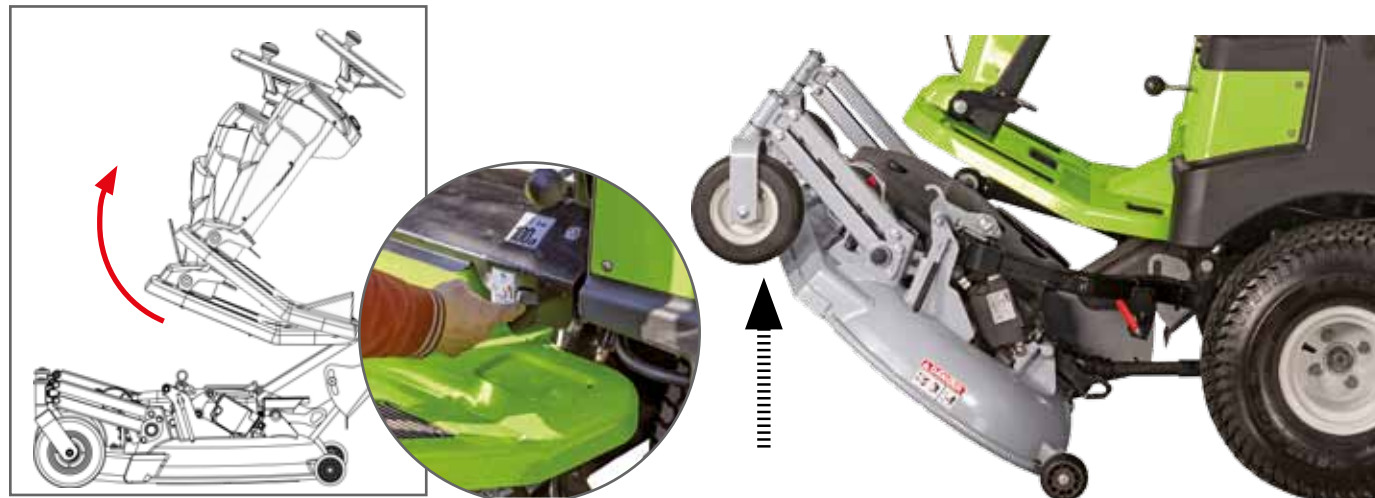
The cutting deck is floating and follows every undulation of the ground, the deck wheels are full anti-puncture and the anti-scalp wheels, adjustable to three positions, are mounted on bearings.

The cutting deck can be easily converted to a mulch version by purchasing the optional kit.

The complete cutter deck with, PTO transmission and secondary belt drive, can be tilted for inspection, blade maintenance or cleaning, without the need for tools, and without having to disconnect the transmission components or the grass chute. In addition, the cutter deck folding angle is particularly effective thanks to a simple system that allows the footboard to be raised and locked in a raised position (see photo).



Cutting deck with optional mulch kit.



# FD 500

## Direct loading, large grass catcher and efficient collection

The grass catcher has a capacity of 700 L and is equipped with a hydraulic lift and tilt, the maximum discharge height is 190 cm with a 15 cm overhang.

The motorised deflector allows full, even and optimal filling of the grass catcher regardless of the condition of the grass, thanks to a three-position adjustable sensor. When the grass collector is full, the sensor interrupts the mowing to prevent blocking. The grass collector door closes and opens automatically.

The cutter deck is actuated by an electromagnetic clutch with a push-button control. There is also the "classic" buzzer warning when the grass catcher is full, which can be activated with a special button on the dashboard. This function allows you to override the system that detaches the blades and continue cutting to complete the work if small areas are missed.



The hydraulic services for raising and tipping the grass collector are operated from the driver's seat by means of convenient levers that make grass discharge and return to the working position extremely smooth and fast. A third lever is used to hydraulically raise the deck for easy movement over kerbstones and obstacles.

# FD 500

## Comfort and safety

## Easy maintenance



The FD 500 is equipped with an 18 HP 3-cylinder Kubota 722 diesel engine that complies with EC (NRMM) STAGE V (Europe) and EPA Final Tier 4 (USA) standards, mounted on anti-vibration blocks in a very robust monocoque frame, specially designed to protect the mower's components.

The machine has a large and comfortable driver's seat, the position is ergonomic and the seat is adjustable. The steering wheel is equipped with hydrostatic steering and allows for very low effort even at full load. Everything is designed not to tire the operator even after many hours of work.

The engine is liquid-cooled with a self-cleaning radiator. The electric cooling fan can reverse its direction of rotation to eliminate any grass clippings on the radiator, with an automatic system regulated by a special sensor. The radiator can be opened outwards to facilitate inspection and access to the mechanical parts close to it.

The transmission is hydrostatic, consisting of a pump and motor that transmit movement to the wheels via a cascade gearbox equipped with a differential that can be locked with a pedal from the driver's seat and a disc parking brake.

It is easy to access the pre-filter, air filter, diesel filter and decanter, and hydraulic oil filter. To check the battery and engine, simply raise the grass catcher and insert the red safety blocks on the parallelogram to operate in total safety.

The grass chute can be easily removed for maintenance, but also for easy access to the belt tensioners and the electromagnetic PTO clutch.

The grass filtering grid is removable for quick cleaning.

The roll bar is fitted as standard. It can be folded down and is ISO 21299 approved.



## Caring for quality

FD 500, as with all Grillo products is designed and built to last and retain their value over many years.

**All components, from the simplest to the most complex, are of a high quality standard.**

Frame, transmission, cutting deck, everything is built by Grillo in Italy by using only premium materials and cutting-edge technology. All this to achieve a constant and 100% controlled high level quality.

**Varnishing** of Grillo machines consists of a double electrostatic powder coated process. Grillo mowers have been mounted with care in every detail and tested scrupulously by specialized personnel.

**Final inspection** means a machine whose engine has been run in order to check its performance.

## Beyond the product values that make the difference

**Guarantee and Service Spare parts**

**Guaranteed machines and solutions.**

Spare parts service with fast delivery times even for 30-year-old machines: value guaranteed over time.



**Grillo Technical Assistance**

Efficient, practical pre-and after-sales service with a single goal: to always give our Customers quick, efficient answers

**GRILLO DEALERS**









Specialized stores around the country are able to understand your specific needs to direct you toward the right choice.

You will be met with quality, courtesy and a chance to view and try all Grillo products.

**GTS Grillo Top Service**

**On-site presentation and demonstration.**



	<p><b>ENGINE:</b> KUBOTA 3 cylinders Diesel, 722 cc., 13,2 kW (18 HP) at 3200 rpm, Stage V - ECE R120 (Europa) and EPA/CARB Final Tier 4 (USA), liquid-cooled with electric valve, provided with manual and automatic device for radiator cleaning.</p>
	<p><b>FUEL TANK:</b> 22 litres      Average fuel consumption approximately 2,5 L/H  <b>HYDRAULIC OIL circuit capacity:</b> 6,7 litres</p>
	<p><b>STARTER:</b> electric, 12 V.  <b>DRIVE:</b> hydrostatic traction with 2-wheel drive with cascade reduction gear, parking brake and differential.  <b>DIFFERENTIAL LOCK:</b> mechanical with pedal control.</p>
	<p><b>DRIVE SYSTEM:</b> steering wheel with hydrostatic steering, with pedal-operated forward and reverse gears.  <b>PTO:</b> electromagnetic, with integrated blade brake.  <b>SPEED:</b> from 0 to 13 km/h continuously variable.  <b>WHEELS:</b> front 20x10.50-8 Garden - rear 16x6.50-8 Garden  <b>SEAT:</b> adjustable sprung seat with reclining backrest.  <b>STEERING WHEEL:</b> mounted on guide pillar.  <b>AUTOMATIC FEATURES:</b> automatic disengagement of blades when the grass catcher is full, radiator cleaning, electric grass distribution inside the grass catcher, hatch opening.  <b>BRAKE:</b> disc brake on the gearbox.  <b>TURNING RADIUS:</b> 32 cm</p>
	<p><b>GRASS CATCHER:</b> 700 litres capacity, with motorised deflector that ensures complete and uniform filling of the basket. Hydraulic lifting and unloading system with automatic hatch opening.  <b>DISCHARGE HEIGHT:</b> 190 cm  <b>REAR OVERHANG:</b> 15 cm</p>
	<p><b>CUTTING DECK:</b> three blades with central collection.  <b>CUTTING HEIGHT:</b> da 2.5 a 9 cm hydraulic and continuously adjustable from the driving position.  <b>CUTTING WIDTH:</b> 113 cm</p>
	<p><b>HOURLY MOWING CAPACITY:</b> 7500 m<sup>2</sup>/h</p>
	<p><b>WEIGHT (without cutting deck):</b> 530 kg    <b>WEIGHT (with cutting deck):</b> 630 kg  <b>SIZE (with cutting deck):</b> Length: 271 cm - Width: 119 cm -Height: 193 cm - 151 cm (with lowered roll-bar)  <b>GROUND CLEARANCE:</b> 12 cm    <b>DISTANCE BETWEEN AXLES:</b> 110 cm</p>



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