



**FD 280**



**FD 450**



**FD 220R**

## **GARDEN LINE**

**OUTFRONT MOWERS WITH COLLECTION**

**Grillo**  
AGRIGARDEN MACHINES

# GRILLO design and build machines with man in mind, to transform your work into pleasure.



Grillo is your guarantee of quality.

Since 1953 our Company has been continuously investing in innovation. This results in both quality and reliability, that combined with an excellent customer and spare parts service ensure the value of Grillo products over time.



**FD GARDEN LINE: a new and exclusive way to conceive out-front mowers. Totally produced in our facility in Italy, they are high-performance machines, easy to operate, with a high-quality cut and a perfect collection. You will derive great satisfaction from your garden. CHOOSE THE MOST SUITABLE MODEL FOR YOUR NEEDS.**

# FD 220R

## A machine to enhance your lawn!

The Grillo FD 220R is **extremely manoeuvrable** and easy to drive! It is controlled via a steering wheel and the rear steering axle ensures an **inner turning radius of just 30 cm**. The hydrostatic transmission is controlled by a pedal, forward to go forward, back to go back! The pedal is fitted with a “damper” to enable smooth operation. In narrow areas, when manoeuvring or in the presence of obstacles, Grillo FD 220R shows how agile it can be! FD 220R is also ideal for collecting leaves.

The **single blade cutting deck** with collection is positioned in front of the operator; the visibility of the cutting area is perfect. Driving with **hydrostatic transmission** and the easy light steering makes work a pleasure! The turning radius is extremely small and all the controls within hands reach from the driver's seat, making the Grillo FD 220R a mower for everybody.

Two types of petrol **engines** are available: Vanguard 14 HP and GR 452 12 HP.

Both engines are equipped with electric starter, OHV and cast iron cylinder liners. Both incorporate the latest technical features to ensure reliability, to keep emissions low, to reduce consumption and to have a great performance. The FD 220R exhaust was designed by Grillo and belongs to the “**Super Silent**” series with remarkable noise reduction and minimum exhaust resistance. **Speed** ranges from 0 to 9 km/h and is continuously adjustable, thus ensuring excellent performances.



 **R 30 cm**



# FD 220R

Single blade front-mounted cutting deck with collection...high satisfaction!

The single-blade **cutting deck** is positioned in front of the operator (more than half of the deck surface is free from obstacles) allowing excellent visibility over the working area and a precise cut under bushes or low-positioned branches, therefore reducing the time spent using hand mowers to finish off the areas. **Cutting width** is 80 cm, **cutting height** varies from a minimum of 3 to a maximum of 9 cm and adjustments in 7 different positions are made by lever located next to the driver's seat.

The **blade operates via an electromagnetic clutch**: it is operated via button and has a LED to indicate when it is on.

Its **reduced width** is an important feature: it allows to work in very narrow areas where it would be otherwise very difficult to manoeuvre or to cut (for example to pass through narrow gates or to cut between two edges).

86 cm



The **parking disc brake** is controlled by a lever. It allows the operator to get off the machine with the engine still running and the cutter disengaged (maximum safety).

The Grillo FD 220R has a pedal to **raise the cutting deck**, allowing the operator to get over obstacles and kerbs.

The cutting deck wheels are solid and anti-puncture.

The special blade profile of the FD 220R allows extraordinary cutting and collection even when the grass is humid. This cutting system chops the grass into fine pieces which are then fed directly into the grass catcher through a chute and compacted to reduce its volume. **Grass catcher capacity is 200 L.**

Mulching Kit



Side discharge Kit



The cutting deck can be converted into a **mulch deck or side discharge deck** using the optional kits.

# FD 220R

## Easy to use and to service

The **floating cutting deck** ensures a perfect cut on uneven grounds too. The **rear swinging axle**, the tires with anti-skid profile, together with the **pressure adjustment of the cutting deck** (Grillo exclusive) on the ground, allow to follow the ground with extreme precision, and therefore to avoid the scalping of the grass. The cutting deck pressure adjustment is made via a simple hand wheel positioned below the driver's seat; this device modifies the weight balance between the cutting deck and drive axle of the FD 220R for greater adherence on slopes or in difficult situations, not to damage new or wet lawns.



Details of the adjustment

**Blades automatically disengage** when the grass catcher is full. There is also the possibility to choose the "buzzer" option that signals that the catcher is full, without stopping the blades.

Emptying the FD 220R grass catcher is easy! Simply reverse to your designated area, then lift the lever next to the driver's seat whilst remaining seated; the grass catcher will lift and open automatically, completely emptying itself.

The **opening and closing** of the grass catcher is **automatic** via a magnetic catch: simple, efficient, wear-free and with no need of special adjustments!



Once you have finished using the machine, **cleaning** the cutting deck will always be quick and simple for everyone! The cutting deck is equipped with a quick coupling so that, by connecting a water hose, the whole cutting deck can be cleaned with minimal effort.



Totally removing the cutting deck is also easy! **With a few simple operations** it is possible to put it on one side and make it accessible for any service operation such as the replacement of the blade edges or extra cleaning.

# FD 280

Taking care of the lawn will be a pleasure

A hydrostatic ride-on mower with out-front cutting deck, differential lock, high performances and a **high quality standard in both cut and collection**: these are the FD 280 main characteristics.

The front mounted cutting deck ensures optimal visibility over the area to be cut.

Control is via a steering wheel, **the compact size and very tight turning radius** (30 cm) make the FD 280 an easy- to-operate machine making it ideal for the professional user operating in tight places.



# FD 280

The cutting deck is front-mounted with 3 blades, unique in its class.

Perfect and precise  
in any condition.



The innovative cutting system “**Grillo Overblow**” allows an increased acceleration of the grass/air flow into the duct therefore increasing considerably the collection capability, even under conditions of extreme high humidity whilst at the same time keeping the noise level of the whole cutting/collecting system very low. During the autumn season, when the grass is covered with leaves, the FD 280 succeeds in collecting them without blocking. The FD 280 **cutting deck** features 2 contra-rotating blades (which are not timed and therefore do not require a toothed timing belt) plus a third, smaller and central blade: this blade is positioned at the front and besides cutting the grass between the 2 main blades, it allows a better finish under any circumstance and a more precise and compact grass collection (Grillo exclusive). The cutting deck position ensures perfect cutting under bushes or low-hanging branches, reducing the time spent to finish off. **Cutting width** is 113 cm, **cutting height** ranges from a minimum of 3 cm up to a maximum 9 cm and adjustment is made possible via a lever having 7 positions located next to the driver’s seat. The cutting deck with collection can be converted into a mulch deck by using the optional kit which is available.



Mulching Kit



# FD 280

## Maximum collection efficiency

### Top quality collection

**Grass-catcher with 280 L capacity:** the grass is highly compressed. Once the grass catcher is full a sensor disengages automatically the blades in order to avoid blockages.

Emptying the FD 280 grass catcher is that easy! An electric ram is operated via a push-button next to the operator's seat and the grass catcher is raised. The grass catcher will be quickly and totally emptied. The opening of the grass-catcher is via a magnetic catch: simple, efficient, wear-free and with no need of special adjustments.

**Operation of the cutting deck is made via an electromagnetic clutch.**

The control is by a switch and there is a LED to indicate when it is on. The parking disc brake is controlled by a lever. The operator can get off the machine while the engine keeps on running; hereto the cutting deck needs to be disengaged (maximum safety).

Both the engine and the transmission are **easily accessible** for inspection or servicing.



Cutting deck tires are solid and puncture-proof.



# FD 280

## Handiness and comfort at work

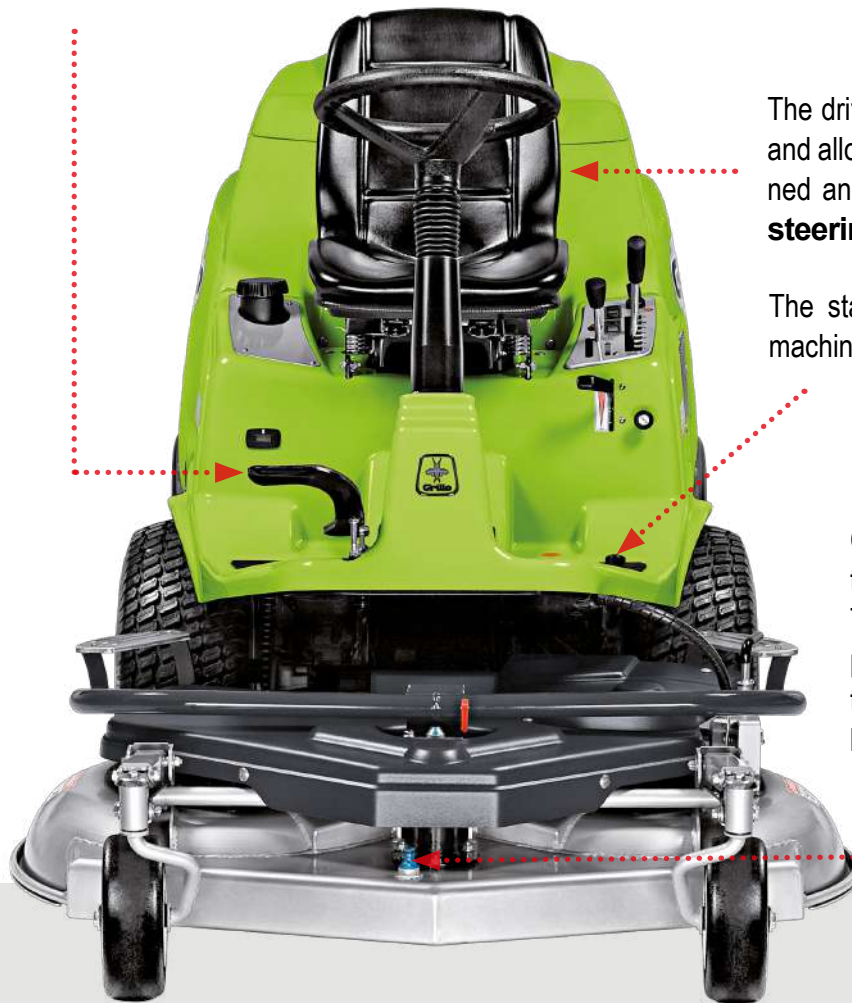
The FD 280 is fitted with a Vanguard 14 HP twin cylinder petrol engine with electric start. The **engine** with OHV has a 479cc displacement and incorporates the latest technical innovations ensuring reliability, low emissions, reduced consumption, high performance and vibrations reduced to the minimum. The FD 280 stainless steel exhaust “**Grillo Super Silent**” is designed by Grillo in order to obtain the greatest noise reduction level, emission reduction and minimal exhaust resistance.

The **hydrostatic transmission** is pedal operated, forward to go forward and back to go back! The drive pedal is equipped with “dampers” to avoid annoying jerks. In narrow or in areas full of obstacles FD 280 is extremely agile, thanks to its precise and quick controls.



The FD 280 **cutting deck** can be easily dismantled to be firmly positioned vertically on the supports designed for this purpose; just remove the drive belt via a quick lever to carry out maintenance or inspection.

The **grass duct** can be dismantled with no special tools.



The driver's position of the FD 280 is ergonomic and allows the best visibility thanks to the damped and adjustable **seat** and height adjustable **steering wheel**.

The standard **differential lock** prevents the machine from sliding when operating on slopes.

Once you have finished work, **cleaning** the cutting deck is quick and easy to do! The cutting deck is equipped with a coupling so that by connecting a water hose the cleaning of the cutting deck is effortless.

# FD 450

High performance in a compact mower

## For a professional job

**This mower, at the top of the FD Garden line, sums up and incorporates all the best features and qualities:**

- extremely comfortable driving thanks to the hydraulic steering
- minimum steering radius (30 cm)
- electrical controls
- differential locking via a pedal
- high-performance front-mounted, floating cutting deck with excellent collection
- spacious grass-catcher with raised discharge.



# FD 450

With all the necessary features for professional use

The innovative cutting system “**Grillo Overblow**” (Grillo exclusive) allows the increased acceleration of the grass/air flow into the duct considerably increasing the collection capability, even under conditions of extreme high humidity whilst at the same time keeping the noise level of the whole cutting/collecting system very low.

## **Grass-catcher capacity is 450 Lt.**

The discharge system is hydraulically operated via electric button and can be raised 170 cm from the ground. In addition, continuous cutting height adjustment directly from the operator's seat allows the operator to choose precisely the best cutting position for a perfect result.



# FD 450

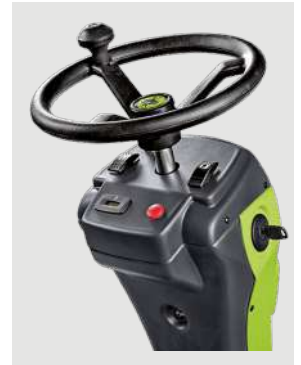
## For a high-quality and quick lawn care

### Perfect finishing

The **front-mounted cutting deck** grants extraordinary visibility over the working area and allows mowing up to hedges and borders with high accuracy. At the same time, the extremely tight **steering radius** (30 cm) allows you to cut around trees and bushes with precision. The hydraulic steering improves the manoeuvrability of the machine on slopes and in areas full of obstacles.

The **cutting width** is 113 cm while **cutting height** varies from a minimum of 2,5 cm to 9 cm. Blade engagement and cutting height adjustment are operated via electrical push-buttons, located on the steering column. The **adjustment is continuous** and allows you to choose the ideal cutting height, also if mulching (a mulch kit is available).

**Speed** ranges from 0 to 11 km/h and is continuously adjustable thus ensuring top performance. When necessary, the **differential lock** is operated via a pedal allowing greater traction and safety.



Cutting deck with optional mulch kit.



The disc **parking brake** is of the “active” type: once engaged, it allows you to get off the machine with the engine running and the cutting deck disengaged (maximum safety).



# FD 450

## High quality results combined with easy maintenance

Blades disengage automatically when the grass catcher is full, to avoid annoying clogging of the grass loading chute. The emptying of the grass catcher is made via electrical push-buttons, easily reached from the driver's seat; **the 2 independent hydraulic rams raise the grass catcher up to 170 cm with a rear ejection of 55 cm** allowing an easy tipping. Opening and closing of the grass catcher are automatic.

The FD 450 is fitted with a petrol B&S 7220 Professional Series V-Twin, twin cylinder **engine** with electric start. The engine has a 656 cc displacement and is equipped with a 17L fuel tank equipped with level indicator.

Once you have finished work, **cleaning** the cutting deck is quick and easy! Connect a water hose to the quick coupling on the deck, let water flow and engage the blade for a few seconds...loading chute and cutting deck will be cleaned with minimal effort!

Extra maintenance of the cutting deck is also very easy: it is enough to remove the drive belt via a quick lever and position the deck vertically on its supports designed for this purpose.

The **grass duct** can be removed with **no special tools**. Engine and transmission components are easily accessible for inspection or servicing by lifting the grass-catcher and the seat.



The driver's position of the FD 450 is large, ergonomic and comfortable: the **seat** is adjustable and dampened in order to adapt to the operator's weight.

The **cutting deck** can be hydraulically lifted during transfer, via an electrical push-button, allowing you to get over obstacles.

**Cutting deck wheels** are solid and puncture-proof.



Tilting roll-bar

# Technical data

	ENGINE and Starter	Transmission	Tank capacity	Clutch	Cutting system Cutting deck width	Cutting width	Cutting height	Grass catcher capacity	Grass catcher discharge
<b>FD 220R</b>	GRILLO GR 452 Electric with 12 V battery. Petrol powered 452 cc, single-cylinder Net Power 12 HP (Gross Power 15 HP)  Briggs & Stratton Vanguard V-Twin OHV Electric with 12 V battery. Petrol powered 479 cc, twin-cylinder Net Power 14 HP (Gross Power 16 HP)	Hydrostatic with differential	7 L (emergency supply 1 L)	Electromagnetic clutch for PTO with magnetic blade brake	1 rotating blade Cutting deck width 86 cm	80 cm	Manual adjustment with 7 positions ranging from 3 to 9 cm	200 L with magnetic closure system and full grass catcher micro-switch	manual
<b>FD 280</b>	Briggs & Stratton Vanguard V-Twin OHV Electric with 12 V battery. Petrol powered 479 cc, twin-cylinder Net Power 14 HP (Gross Power 16 HP)	Hydrostatic with differential locking	8 L (emergency supply 1.5 L)	Electromagnetic clutch for PTO with magnetic blade brake	3 rotating blades Cutting deck width 119 cm	113 cm	Manual adjustment with 7 positions ranging from 3 to 9 cm	280 L with magnetic closure system and full grass catcher micro-switch	Electrically operated via a push button
<b>FD 450</b>	Briggs & Stratton 7220 Professional Series V-Twin Electric with 12 V battery. Petrol powered 656 cc, twin-cylinder Net Power 18 HP (Gross Power 22 HP)	Hydrostatic with differential locking	17 L (emergency supply 2.5 L)	Electromagnetic clutch for PTO with magnetic blade brake	3 rotating blades Cutting deck width 119 cm	113 cm	Continuous electrical adjustment ranging from 2.5 to 9 cm	450L with full grass catcher micro-switch	Hydraulically operated via electric button. Discharge height 170 cm Rear ejection 55 cm

# Garden Line

Differential Locking	Driving system and speed	Tyres	Seat	Steering Radius	Hourly mowing capacity	Standard Features	Attachments	Dimension
NO	With steering wheel and pedal-operated forward and reverse Speed: 0 – 9 km/h continuously variable and pedal-operated	Front :16x7.50-8 Turf wheel Rear: 13x5.00-6 Turf wheel  Solid cutting deck wheels	Mounted on shock-absorbers and adjustable in position	30 cm	4000 m <sup>2</sup> /h	Tow bar	Mulching Kit  Side discharge Kit	Length 234 cm Width 86 cm Height 114 cm  Weight 263 kg. with GR 452 12 HP  Weight 270 kg with Vanguard 14 HP
Mechanical via pedal control	With steering wheel and pedal-operated forward and reverse Speed: 0 – 9 km/h continuously variable (forward)	Front:i : 18x9.50-8 Turf wheel Rear : 13x6.50-6 Turf wheel  Solid cutting deck wheels	Mounted on shock-absorbers and adjustable in position	30 cm	6000 m <sup>2</sup> /h	Tow bar	Mulching Kit	Length 238 cm Width 119 cm Height 120 cm  Weight 320 kg
Mechanical via pedal control	Steering wheel plus hydraulic steering. Forward and reverse gears via pedal. Speed: 0 – 11 km/h continuously variable (forward)	Front : 20x10.0-8 Turf wheel Rear : 15x6.0-6 Turf wheel  Solid cutting deck wheels	Adjustable in position and with suspension Adjustable through knob	30 cm	8000 m <sup>2</sup> /h	Tow bar Tilting roll-bar	Mulching Kit	Length 268 cm Width 119 cm Height 194 cm  Weight 450 kg

# Beyond the product values that make the difference

## Caring for quality

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.



### Grillo Technical Assistance

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

### 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.

### GTS Grillo Top Service

On-site presentation and demonstration.

### 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.

info - [www.grilloagrigarden.co.uk](http://www.grilloagrigarden.co.uk)



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