

ROBOTIC LAWNMOWER

The smarter way to mow.



LET IT DO THE WORK FOR YOU



reddot design award
winner 2012

Never mow the lawn yourself again

“Saturday is mowing day”, that’s history. Once installed, the GARDENA Robotic Lawnmower mows the lawn on its own, and you can do whatever you please.

Never remove grass cuttings again

Natural recycling: The GARDENA Robotic Lawnmower reduces grass cuttings to a natural mulch. You no longer need to rake and dispose of cuttings.

Always a perfectly cared-for lawn

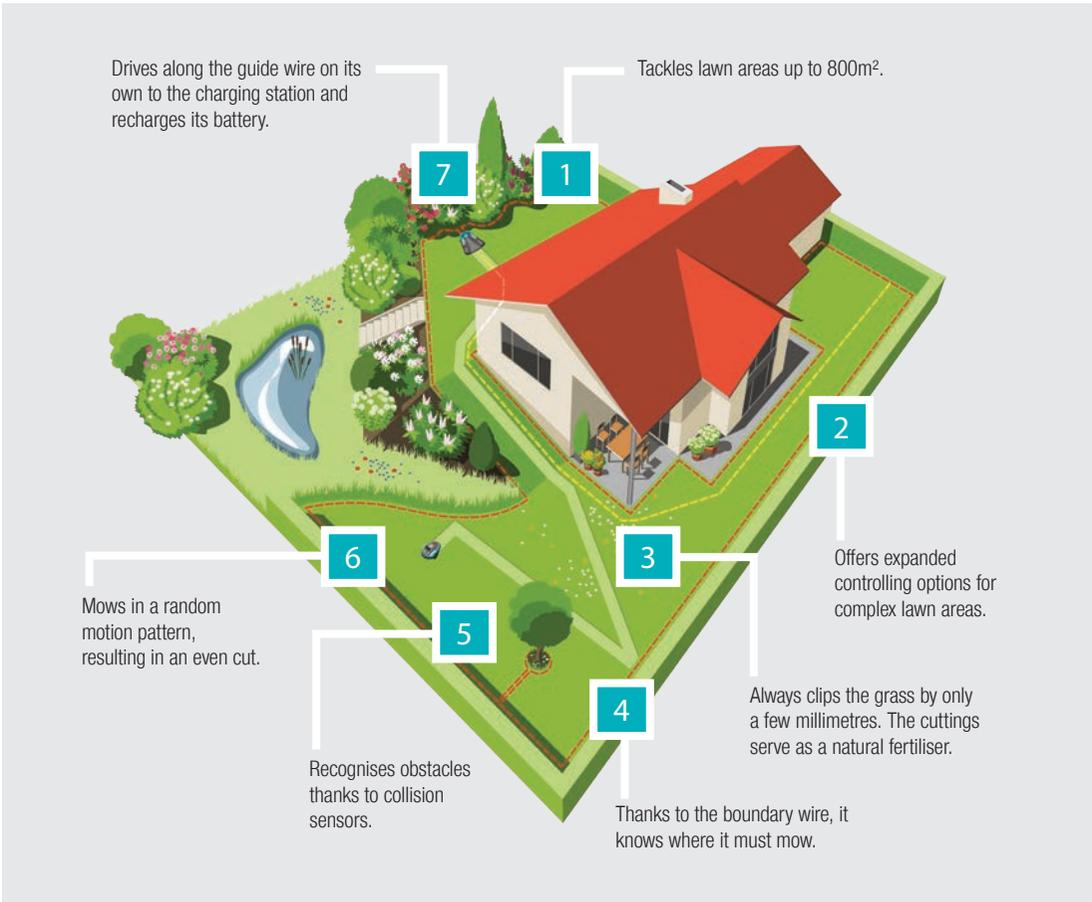
The proven technology of the GARDENA Robotic Lawnmower is based on a random, natural motion pattern. This prevents tracks and uneven mowing stripes. The result is soon visible: An evenly cut surface with lush grass growth.



The smart way to mow

Functional design.

- Suitable for the most varied garden shapes and lawn areas:**
- For smaller and simple lawn areas to complex lawn shapes.
 - For larger lawn areas (up to max. 800m²).
 - For lawn areas with up to 25% inclines, with a perfect mowing result.



The Robotic Lawnmower and its features

Sophisticated technology.

Reliable and longlife

Modern lithium-ion battery technology.

Easy, intuitive operation

Large selection panel and display.

Environmentally friendly

Emission-free and energy-saving.

Light

Light weight and good weight distribution.



Inclines up to 25%

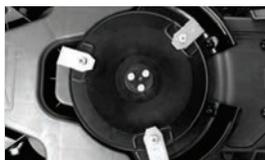
Good weight distribution allows work on inclines with a perfect mowing result.

Robust

Sliding disc protects the blades against objects, such as stones and roots.

Extremely quiet

Thanks to the low weight and sophisticated concept.



Finest cutting results

Thanks to extremely sharp blades.



Works during rain

Thanks to water and weather-proof materials. Functions without a Rain Sensor.



Any lawn height

Easy cutting height adjustment from 20 – 50mm.



Especially quiet

So quiet, you hardly notice the mower.

Tackles the lawn on its own

Safely.

While you take it easy, the Robotic Lawnmower gets going. The Robotic Lawnmower works independently, precisely and offers the highest level of safety for people and animals.

Protection for people, animals and nature.



Lift sensor

Stops the cutting deck when the Robotic Lawnmower is lifted.



Tilt sensor

Stops the blades when the mower is strongly tilted.



Collision sensor

Reacts to obstacles and circumnavigates them.



Stop button

Easy to stop through the accessible stop button.



Safety space

Large space between blades and housing.



High security thanks to PIN code and alarm function

Individual PIN code renders the product unusable for others. Security levels can be selected from low to high.



A BEAUTIFUL LAWN WANTS TO BE MOWED

The lawn is one of the most care-intensive parts of a garden. How wonderful to not have to do it yourself – even with secondary lawn areas. The result: A perfectly cared-for lawn without stripes.



Perfectly mowed With the random motion pattern.

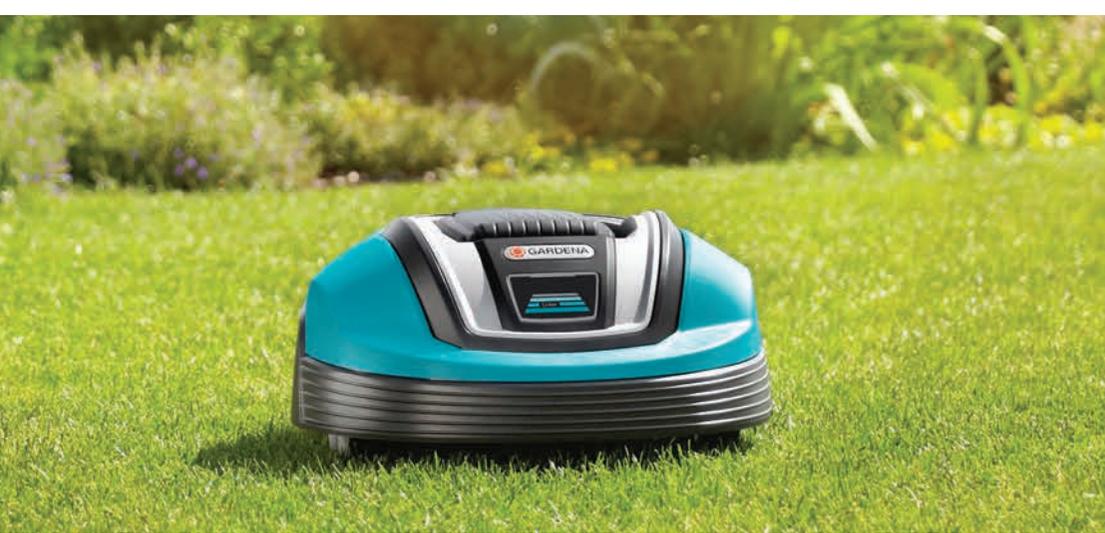
The Robotic Lawnmower works in a random motion pattern. This has several benefits:

- **Reliable mowing. Anywhere.**
The Robotic Lawnmower covers the entire lawn up to 800m².
- **Perfect lawn appearance, without stripes.**
As the Robotic Lawnmower mows in various directions, the cut is even and very clean. The lawn is better aerated. This stimulates grass growth.
- **Mowing independently of time and weather.**
The Robotic Lawnmower mows and recharges on its own. Especially in times of strong lawn growth, i.e. interchanging heat and rain, a lawn needs to be evenly and regularly mowed.
- **Experienced Robotic Lawnmower pioneer.**
This random motion pattern is based on nearly 20 years of experience with reliable and premium quality Robotic Lawnmowers*.

Always finds its way – thanks to the guide wire An even cut is guaranteed.

Thanks to the guide wire, the Robotic Lawnmower finds its way back to the charging station when its battery is low. No tracks are left along the guide wire because the mower always drives back to the charging station at different distances from the wire.





A perfect lawn using the remote activation function

From here. To there.

Using different activation points, the garden can be divided into sections. You can set how often the Robotic Lawnmower drives to these sections and mows them. The remote activation function ensures that all garden sections – even those far away from the charging station – are evenly and precisely mowed. These points help the mower to evenly reach and cover all lawn sections.

Setting the remote activation function:

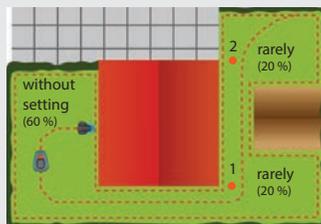
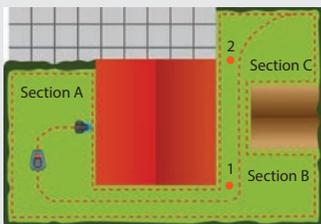
1) Divide the garden into sections, (3 max.).

- Two activation points are defined on the guide wire (see 1 and 2).
- Enter the distance of the activation points (in metres) to the charging station in the menu.

2) Set the mowing frequency per section:

- Depending on the size of the lawn section, the mowing frequency is defined.
- Enter mowing frequency in the menu (five pre-defined levels: never = 0%, rarely = 20%, medium = 50%, often = 80% and always = 100%).
- The mowing frequency in the area in front of the charging station is automatically calculated.

Ex: R80Li with three sections



Secondary areas are the trend

Two areas – one Robotic Lawnmower.

When the garden comprises two areas, e.g. a lawn area behind the house and a small lawn area in the front yard, then you can set a secondary area using the boundary wire. The Robotic Lawnmower is simply transferred and reliably mows both areas.





On your mark! Get set! Mow!

Installed in the blink of an eye.



Easy and quick installation allows a fast start:

- 1. Select a spot for the charging station**
- 2. Lay the boundary wire**
Tells the mower where to mow and where not to mow.
- 3. Lay the guide wire**
Helps the mower find its way back to the charging station.
- 4. Connect wire to the charging station**
- 5. Set menu**
Set days and times.
- 6. Start the Robotic Lawn mower**
Enter PIN code and it's ready to roll!
- 7. Carry out a test run**

* The boundary and guide wire can be installed on or below the lawn surface.





GARDENA assists you with planning, installation and initial operation:
 A detailed installation video is included with your Robotic Lawnmower and can also be accessed online at www.gardena.com/nz

Precise selection. Easy setting

Menu selection with several functions.

The way the Robotic Lawnmower mows is good for your lawn. Your lawn receives just what it needs. The simple and intuitive menu shows you what to do.

1. Standard settings

Language, date, time and lighting are set. The remote activation function is activated in the standard settings. The Robotic Lawnmower drives to remote sections of the garden.

You can select between three different modes depending on what/how you want to mow:

- Manual
- Automatic
- Home

2. Security settings

The Robotic Lawnmower is equipped with a PIN code and an alarm function. The PIN code is entered and changed in the security settings. In the menu, you can select a security level from low to high.

Low:
 Time lock, PIN code entry required every 30 days.

Medium:
 Time lock and additional PIN code request when housing is opened.

High:
 Time lock, PIN code entry and stop alarm, i.e. If unit is stopped manually, the pin code is required within 10 seconds otherwise the alarm is activated.

3. Setting the mowing times

You'll achieve best mowing results when the Robotic Lawnmower is used for a limited duration every 5-7 days. The following is a guide based on a 7 day operation, please refer to the owner's manual for detailed time settings.

R80Li:
 Roughly 1 hour operating time per day for every 50m² of lawn.

Example:

- 200m² - approx. 4hrs/day
- 400m² - approx. 8hrs/day
- 800m² - approx. 16hrs/day





Garage for the Robotic Lawnmower

Protection from sun, wind and weather.

The Robotic Lawnmower and its garage are a perfect match. The roof can be flipped up and you can get to the operating panel with a single hand movement if you need it.

The benefits

- Protection against sun and bad weather
- Flip-up lid for easy mower operation
- Compact, lightweight GARDENA design
- To fit all GARDENA Robotic Lawnmowers

Art. No. 4007





Robotic Lawnmower R80Li

For small to medium- sized lawn areas up to 800m² with complex lawn structure.

Area coverage	up to 800m ²
Mowing per hour, approx.	45m ² / h
Max. operation time	18hrs / day
Speed approx.	35cm / sec.
Mowing time per charge approx.	60 minutes
Charging time approx.	70 minutes
Energy consumption with max. area coverage	Approx. 14 kW / hrs / month
Remote activation function	2-way, flexible
Cutting deck	Blade disc and sliding disc with 3 blades
Accessories included on delivery	200m Boundary Wire, 400 Staples, 7 Couplers, 5 Connectors, 3 Spare Blades
Optional accessories	Garage (Art No. 4007)
Noise level db(A)	60
Energy supply	Lithium-ion battery 18V / 1.6Ah
Charging system	Automatic
Max. incline	Up to 25%, with the same results
Cutting height, adjustable	2 – 5cm
Weight	7 kg
Security setting	PIN code, alarm
Sensor	Collision, incline and tilt sensor
Art. No.	4069-20



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For further information regarding your Robotic Lawnmower please visit www.gardena.com/nz. There you will find detailed installation videos, answers to frequently asked questions and much more information, facts and tips.

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