



# FriendlyRobotics®

## RoboMower® Product Data Sheet RL850

Tired of sweating while mowing your lawn?  
Want a beautifully manicured lawn effortlessly?

Do the things you really want to do,  
while RoboMower mows the lawn for you!

The **RL850** is a middle range model, suitable for lawns up to 1000m<sup>2</sup> (10,800ft<sup>2</sup>), where 52 cm (21") walk mowers are typically used.

### How Does It Work? Simple!

- 1 Peg wire around the edge of the lawn and connect to the perimeter switch. Drive Robomower to the lawn.
- 2 Press "GO".
- 3 It mows, you don't.



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### RoboMower® is the ultimate in lawn maintenance

- Simply press a button. RoboMower will do the rest.
- Mows your lawn completely by itself.
- Mulches the grass and eliminates the need to collect the clippings.
- Safe, quiet and environmentally friendly.

**It mows. You don't.** <sup>SM</sup>

### Convenience

Press the button and RoboMower does all the rest by itself. Press the GO button whenever you like and as often as you like, even at night! The mulching operation also saves you the hassle of disposing the clippings and debris.

### Free time

No more spending your weekends mowing the lawn. Now spend your free time with the family and do the things you really like to do.

### Safety

Automatic mowing and exclusive safety features not found on other mowers make RoboMower the safest way to mow your lawn, period!

### Healthy lawn

Within each mowing session, the RoboMower cuts the grass in several directions, resulting in a much healthier lawn. Thanks to the mulching system most valuable nutrients will return back to your lawn.

### High quality of mowing

Automatic mowing and an optimal combination of cutting parameters (blades speed of 5,800 RPM and driving speed of 0.5 meter/sec) result in high quality of mowing and homogeneous beautiful looking lawn.

### Environmentally friendly

No gas, no oil, no emissions and virtually silent.



[www.stcny.com](http://www.stcny.com)

[www.robomowerusa.com](http://www.robomowerusa.com)

## RL850 Specifications

Character	RL850 model
Mowing modes	Automatic mowing mode & manual mowing mode
Mowing Height	6 settings at the front and 2 at the rear High Cut Blade: 44-81mm (1.75"-3.25") Low Cut Blade: 26-63mm (1"-2.50")
Average area covered on a single charge	500m <sup>2</sup> (5,400ft <sup>2</sup> )
Recommended lawn size	<b>For lawns up to 1000m<sup>2</sup> (10,800ft<sup>2</sup>).</b> These lawns typically require traditional 52 cm mowers.
Average Work Time	3 hours
Drive Wheels	Knobby (Recommended for lawns with high grass, sloping area and bumpy ground)
Color	Green
Dimensions	89cm l x 66.5cm w x 31.5cm h (35" x 26" x 12.5")
Weight	22.6kg (50lb.) Unit +12.6kg (28lb.) Power Pack
Noise level	Measured – 85 db (A) (Guaranteed – 90 db)
Safety features	<ul style="list-style-type: none"> <li>- Automatic Operation – RoboMower is self operated without user interference</li> <li>- Child Guard – help prevent children from operating the RoboMower</li> <li>- Perimeter Switch – RoboMower cannot be operated in automatic mode if the Perimeter Switch is off</li> <li>- Lift Sensor – stops rotating the blades immediately when RoboMower is lifted</li> <li>- Sensors equipped bumpers – Touch sensitive bumpers all around the RoboMower</li> <li>- Over-Current Mowing and Drive systems Protection.</li> </ul>
Water resistance	Durable in all weather conditions & UV protected
User Interface	LCD display panel and audio Intuitive and easy to use menus
Mowing System	Patented Triple Chamber Mulching System
Mowing Width	3 Blades and a total cutting width of 53cm (21") Cuts 1.5cm outside the wheels
Grass types	Suitable for any grass type
Blades replacement	No tools required - Snap-fit by the user
Blades speed	5800 RPM
Mowing Power	5.5 HP equivalent
Mowing motors	3 x 150W motors
Power Pack	Exclusive Drop and Go 24-volt batteries 2 x 17 AH sealed lead acid (Maintenance-Free)
Charging time	Approximately 20 hours