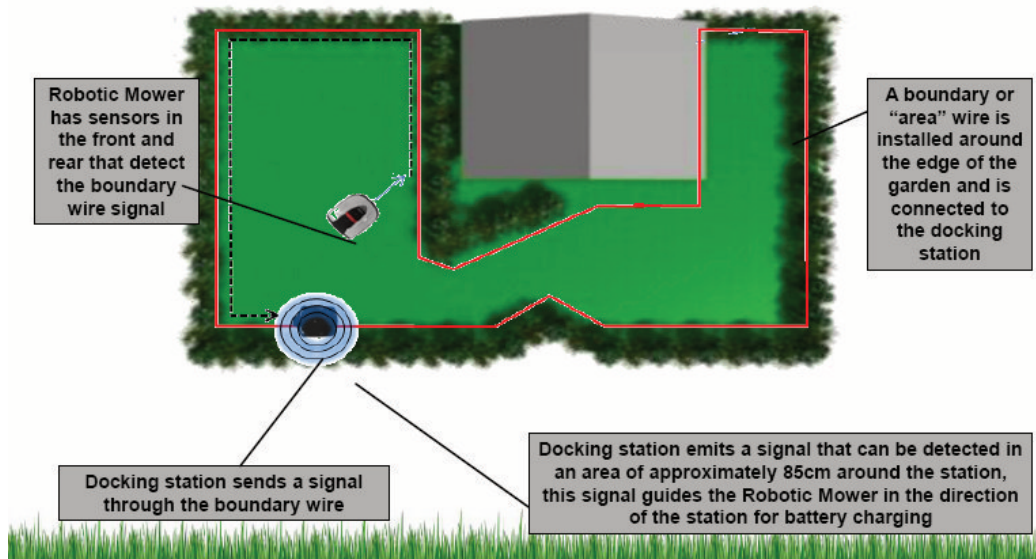


Miiimo



Product Concept

Honda Miimo is a DC (battery) powered mower using a micro-computer, timer and sensors to achieve autonomous and unattended operation within a defined garden area.



Mowing capacity

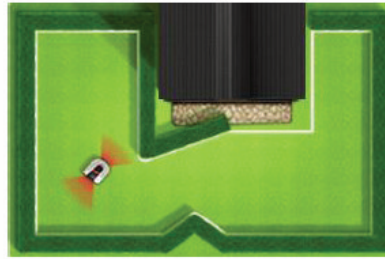
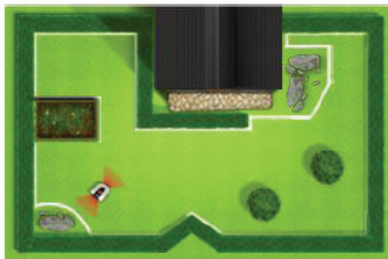
The recommended cutting area is as follows:

Miimo 500:

Garden Area up to 3000m².
Garden perimeter up to 500m.
(Technically complex gardens with many boundaries and obstacles)

Miimo 300:

Garden Area up to 2200m².
Garden perimeter up to 300m.
(Less complex garden types with more uniform boundaries and fewer obstacles)

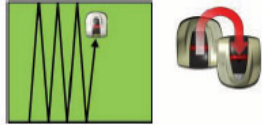


Both models have the same features. Miimo 500 uses a larger battery. This means it can spend more time in the garden cutting and less time going back and forth to the docking station.

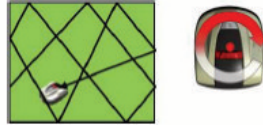
Cutting Patterns

Three cutting patterns are available depending on the shape of the garden

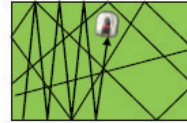
Directional cutting



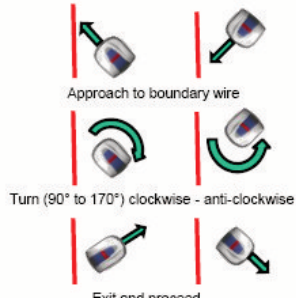
Random cutting



Mixture of Random and Directional



Approach to boundary wire



15 min. Random

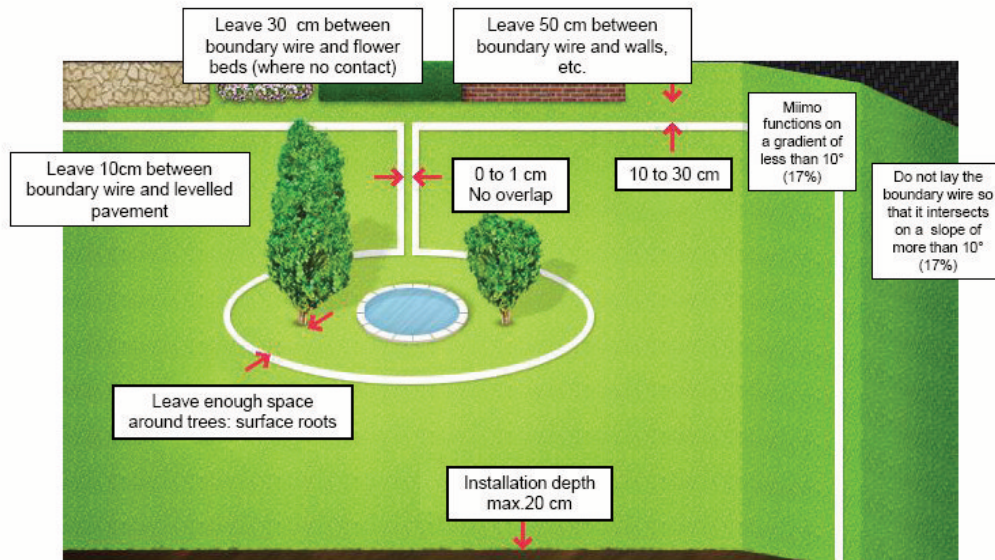
15 min. Directional

15 min. Random

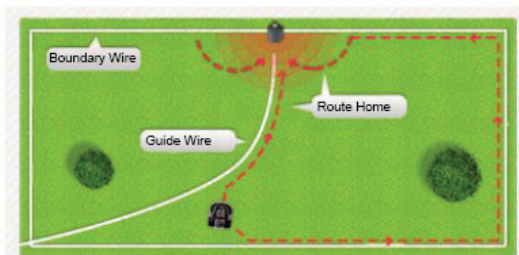
.....



Installation and Set Up - Summary

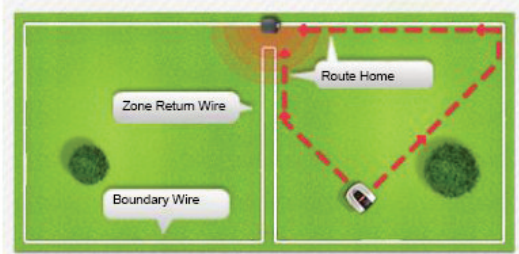


Autonomous Operation – Go Home / Auto Recharge



Competitor

Competitors use a “guide wire” to return the device to the docking station.



HONDA

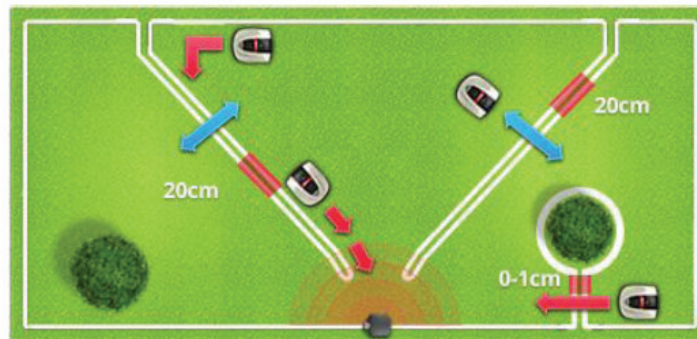
Honda uses a “zone return wire” which provides greater flexibility.



Autonomous Operation – Go Home / Auto Recharge

Miimo sees the Boundary wire differently, depending on the operation mode:

- **Mowing mode:** The mower passes parallel wires separated by less than 20cm.
- **Searching & returning home mode:** The mower can trace parallel wires separated by less than 20cm – shortcut wire.

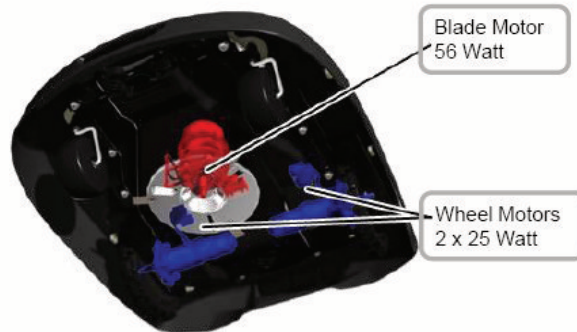


Customer benefit- No interaction needed. Miimo is operating less, garden remains free, improved longevity of the machine due to less distance travelled. Reduced grass tracks next to the station.

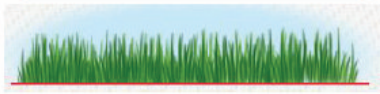
Dealer benefit – Flexible installation tool, No need for additional connectors in the wire.



Evenly and Uniformly Cut Lawn



Even Cut Provided with Miimo



Uneven cut with competitor RPM drop



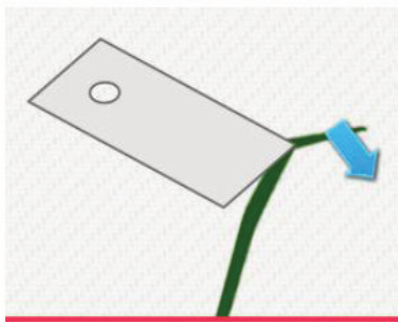
Longer /Uncut

Customer benefit - Neat, evenly and cleanly cut lawn with a uniformly thick finish.
Dealer benefit - Sales based on spec figures for high power, performance and reliability.

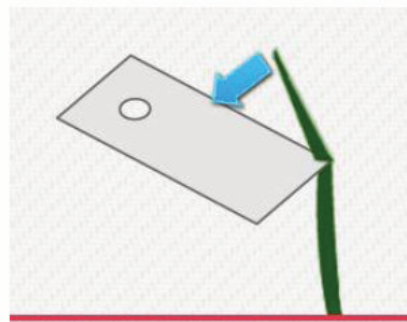
Cutting Finish

Miimo has a blade fan, this provides advantages over other robotic mowers:
The grass is lifted straight with the airflow generated by the fan before being cut.

Without Fan (Competitor) – Grass is pushed and tops are **damaged / frayed**.

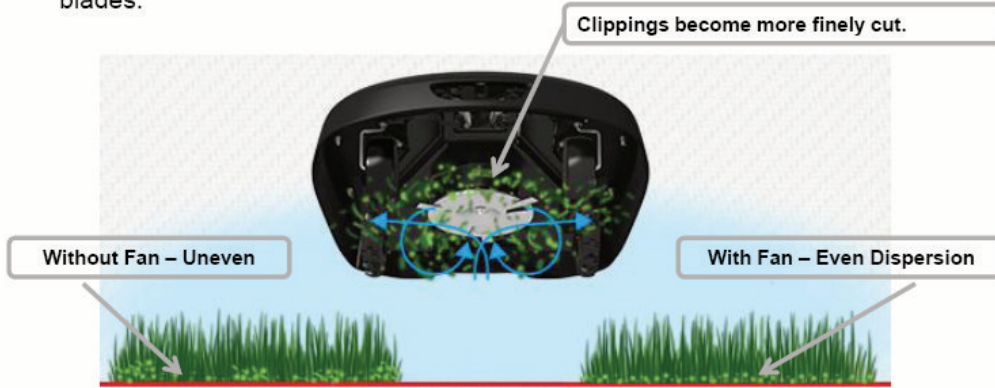


With Fan (Honda) – Grass is pulled straight and **cut cleanly**.



Cutting Finish

The grass is mulched by circulating the clippings around and down between the blades.



The clippings are dispersed evenly in the airflow arriving at root system to decompose.

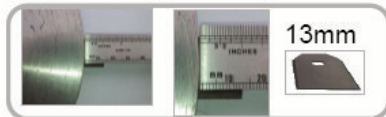
Customer benefit - Beautiful, organically fertilized lawn with no clippings to walk into the house.

Dealer benefit - Miimo unique feature, sales argument.

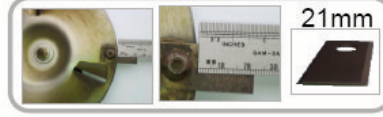


Cutting Finish

Longer Blade - No grass is missed, the longer blade cuts more.



Competitor



Miimo

Heavier Blade - Denser grass can be cut as blade swings back less and RPM drop is reduced due to more inertia.

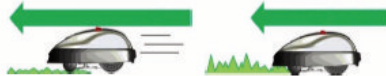


Competitor



Miimo

Blade modulation - When operating on normal grass conditions speed = 0.55m/s and blade rotation speed 2200rpm. When operating in long/thick grass speed reduces 0.55 - 0m/s to keep blade at a constant 2200rpm avoiding uneven cutting.



Customer benefit - Neat, smooth & evenly cut lawn, no long patches or partly cut