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Indego 350/400 Indego 350/400 Connect

Installation guide GB / DE / FR / NL / IT / ES / PT

Home made by you.

GB Please read the instructions before installing your Indego.

Indego 350/400 Indego 350/400 Connect Installation guide

English

Home made by you.

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If you prefer you can watch our installation video by scanning the QR code here:



QR-Code wird aktualisiert



Know your Indego

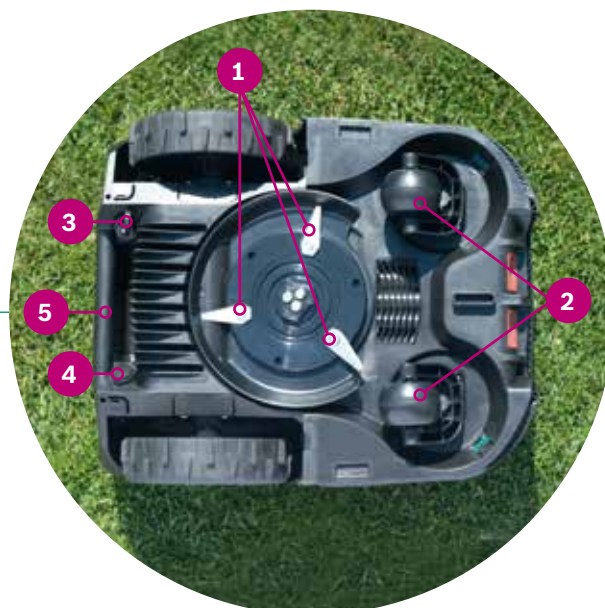
Top of Indego

- 1 Stop button
- 2 Display
- 3 Rating label
- 4 Anti theft sticker
- 5 Mower 'On' indicator
- 6 Height of cut button
- 7 QR-Code B (Indego 350 Connect/400 Connect)
- 8 Drive wheels
- 9 Bumper
- 10 Charging contacts (pins)
- 11 Height of cut – release button



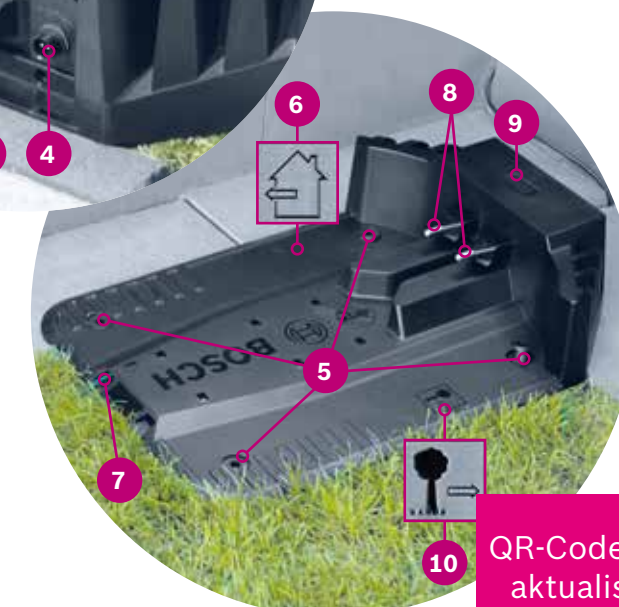
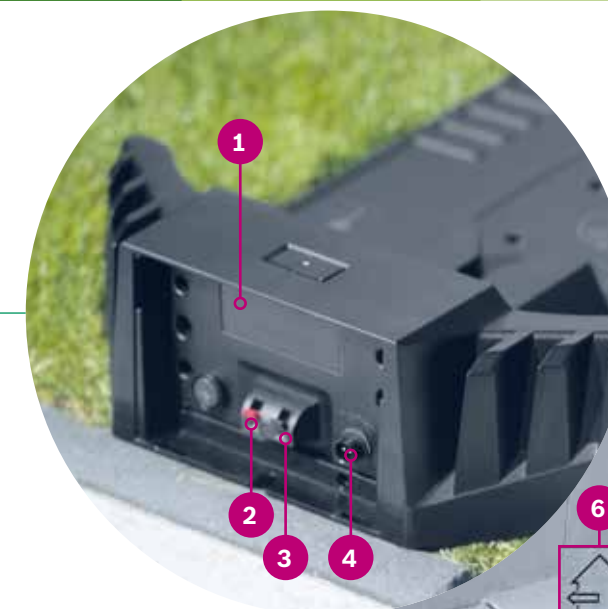
Bottom of Indego

- 1 Cutter blades
- 2 Caster wheels
- 3 Data connection port
- 4 On/off switch
- 5 Handle



Docking station

- 1 Docking station rating label
- 2 Red terminal
- 3 Black terminal
- 4 Charging socket
- 5 Areas for docking screws
- 6 House symbol
- 7 Docking station tubing
- 8 Charging pins (contacts)
- 9 Dock indicator
- 10 Garden symbol



QR-Code wird aktualisiert

You have a 5 step process for installing your Indego. If you do not follow these steps the Indego will not work. If you prefer you can watch our installation video by scanning the QR code here:



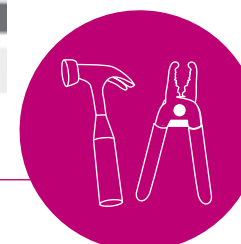
All these items are contained in the carton:



- 1 Indego
- 2 Docking station
- 3 Docking station cover
- 4 Power supply unit
- 5 Perimeter wire
- 6 Pegs (to keep the perimeter wire in place)
- 7 Two wire connectors
- 8 Screws and hex key (for docking station)
- 9 Two rulers (30 cm and 75 cm)
- 10 Instruction manual and installation guide



Tools required (not included):
 ► Mallet (to secure the pegs)
 ► Wire strippers (to cut and strip the wire)



1

Lawn preparation

First you will need to prepare the lawn. This is a key step for a successful installation. Please have a close look at your lawn and any objects on it.

1.1 Remove foreign objects from the cutting area.

Clear lawn of stones, loose pieces of wood, wire, mains cables, and other foreign objects.



1.2 Identify any objects

(trees, flower beds, ponds, ...) to ensure you know what items to follow when marking the garden. These will need to be wired around later. Slopes bigger than 27%, etc.



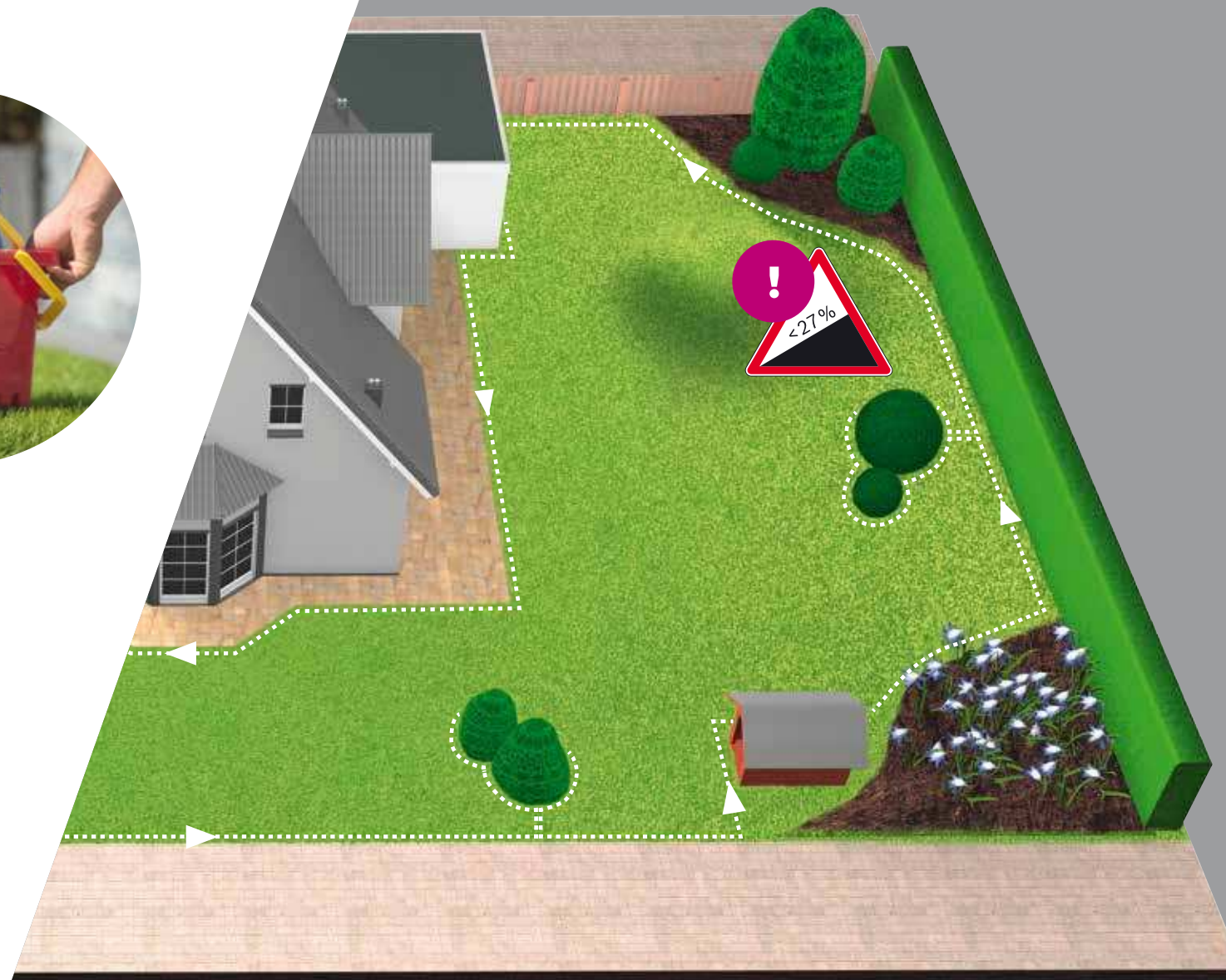
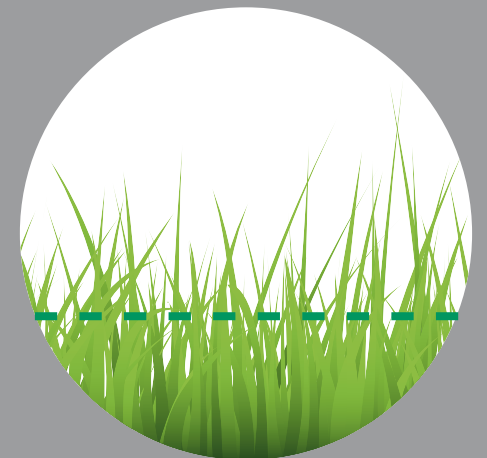
1.3 Cut the main area of the lawn

to 40 mm.



1.4 Cut the area where you intend to lay the perimeter wire

to the lowest setting you have with your conventional mower.



Now your lawn is ready to start the installation.

2

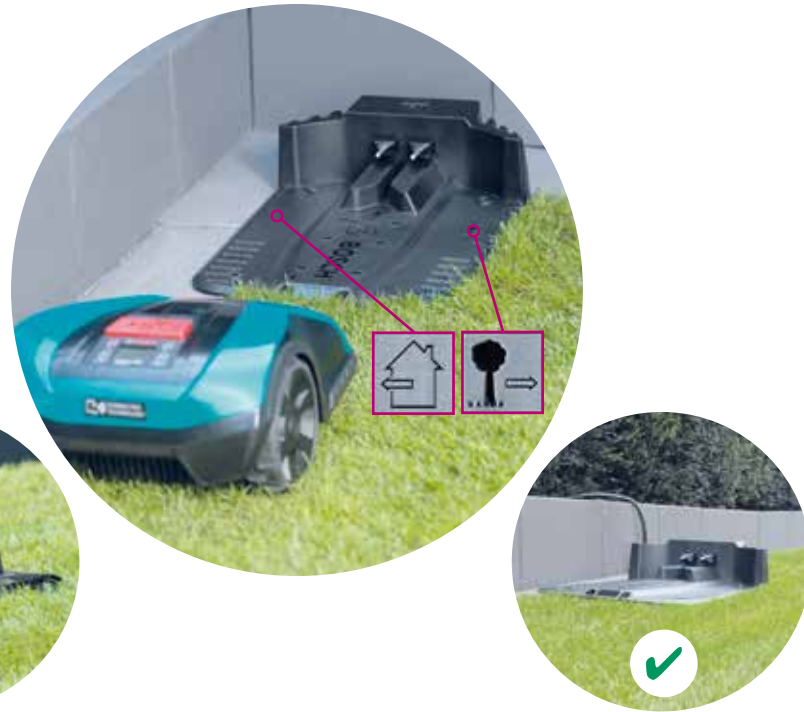
Docking station placement

Determine the best place to position your docking station, where your Indego will return on its own to get charged.

- 2.1 Separate the mower from the docking station.

Place the docking station on level ground.

This will allow your Indego to dock correctly.

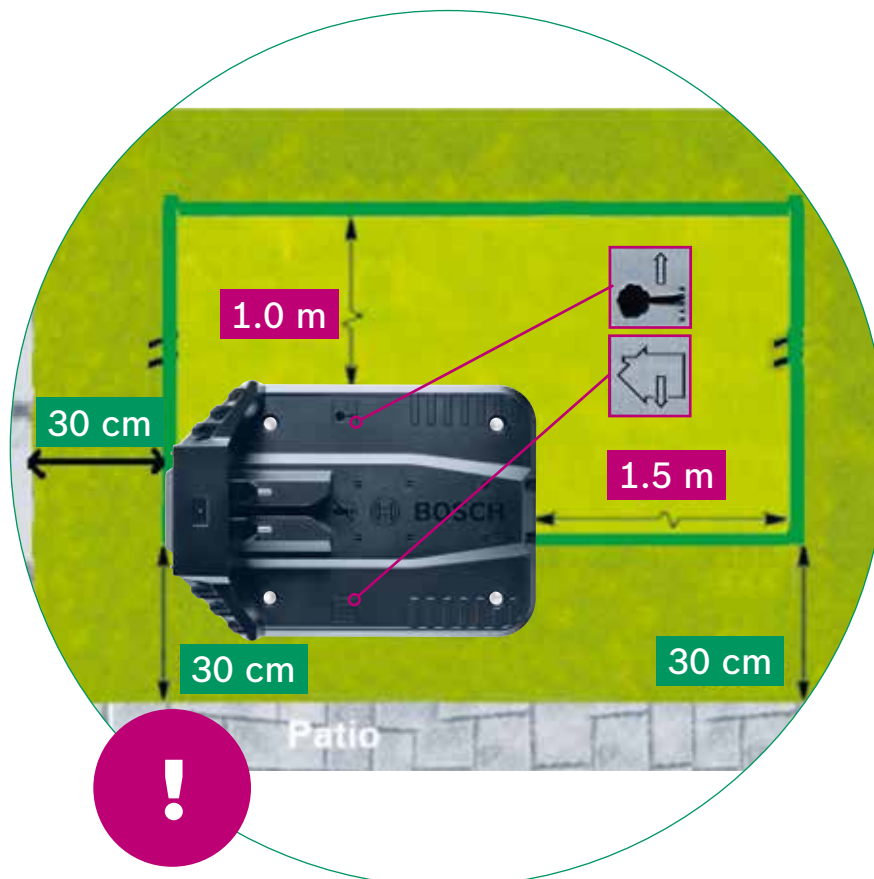


- 2.2 Place the docking station beside the cutting area

with a straight 1.5 m track in front of the docking station.

It is recommended to place the docking station in the corner of your lawn and as close to the power supply as possible.

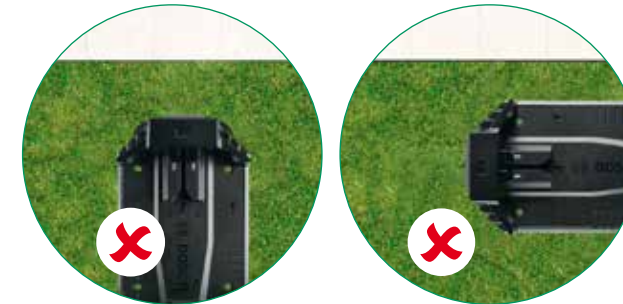
Additionally leave 1.0 m of **free space** perpendicular to the docking station as shown in the picture. This will enable your Indego to return to the docking station correctly in a clockwise direction.



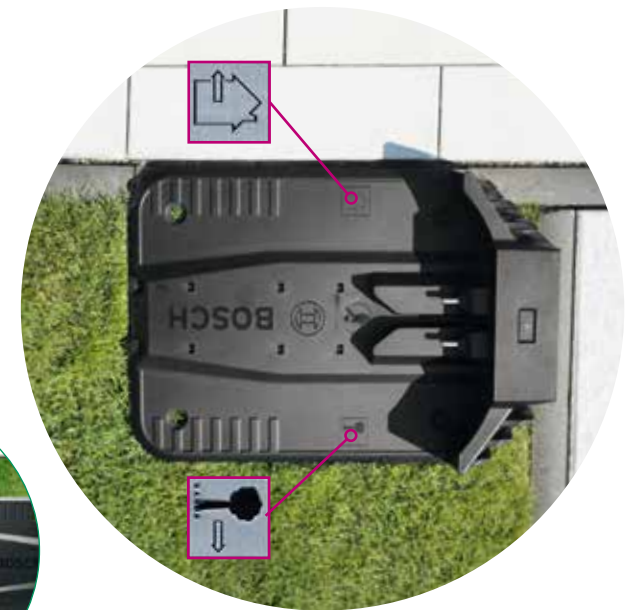
- 2.3 The docking station for your Indego should be placed at the side of the lawn.

When placing the docking station it is important that the charging pins point left

(so you can read the Bosch logo whilst standing outside the lawn area).

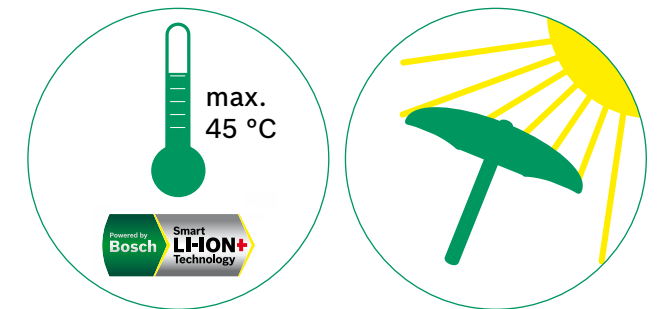


If the docking station is positioned with the charging pins pointing either into the grass area or pointing to the right your Indego will not run.



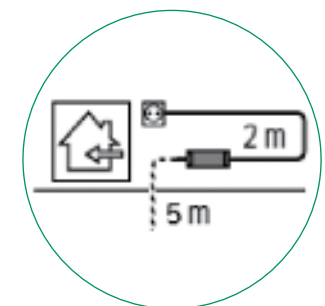
- 2.4 Make sure the docking station is placed when possible out of direct sunlight.

When your Indego receives direct sunlight for a prolonged period of time the battery can get too hot and not function correctly.



- 2.5 Place the docking station close to a power socket.

Total length of the power cable is 5 m plus 2 m from the power supply to the plug.



- 2.6 Fix the 4 docking station screws in place with the hex key.

They come together as a 5 piece set so you will need to separate them first.



3 Power connection

We advise powering the docking station now so when you have finished the installation the mower will be ready to go!

- 3.1 Feed the power supply through the backing cover and into the docking station.

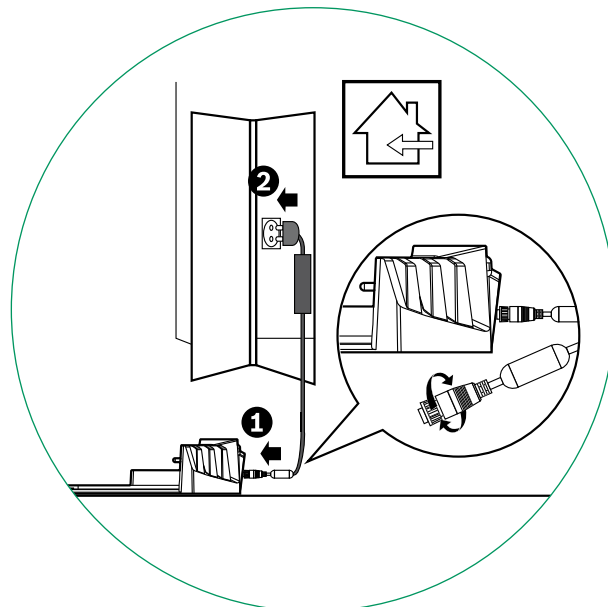
Put the cable through the backing cover. Do not clip the cover yet you will do this in step 4.9.



- 3.2 Ensure the power supply is in a cool, dry environment.

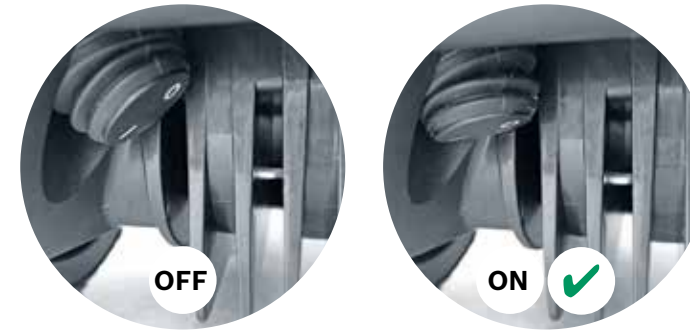
- 3.3 Plug the cable into an indoor power socket.

You should now see a flashing light on the docking station.



- 3.4 Switch the Indego on.

The isolator switch is located at the back left of the mower. Please note, if the mower is not turned on, it will not charge. At this point, nothing will be shown on the display.



- 3.5 Slide the mower into the docking station for charging.

Although your Indego will have charge in the battery, it is recommended to charge it fully before running it for the first time.

Make sure the isolator switch is on (I) before placing the Indego in the dock.



- 3.6 Check the indicator on the docking station is now stable.

If the indicator does not light up check that the mains plug of the power supply is plugged in properly and that the mower is in the station correctly.



4

Perimeter wire layout

This part of the installation will most likely take you the longest amount of time. We will take you through it step by step. The perimeter wire needs to be set around the lawn to define the areas you want to, and don't want to cut. Pegs will help to keep the wire in place. Use a mallet to insert them in the lawn. The perimeter wire can be laid in alternative ways. Please see manual for details.

4.1 Leave the following distances

when installing the wire around the perimeter of the cutting area, the distance between two pegs should be 75 cm as illustrated (use the rulers for this). For a more accurate perimeter, we advise that you leave less than 75 cm between pegs when wiring objects (flower beds, bushes, trees and other items away from the edges).

► Level surface: 5 cm

If the working area borders against a flat path or surface that is level with the lawn your Indego will be able to run over it. In such cases the perimeter wire should be positioned right up to the edge of the lawn (approx. 5 cm as you need to leave room for the pegs). This is not applicable for gravel, as your Indego could hit a stone or get stuck in the gravel.

► Wall/fence/bush: 30 cm

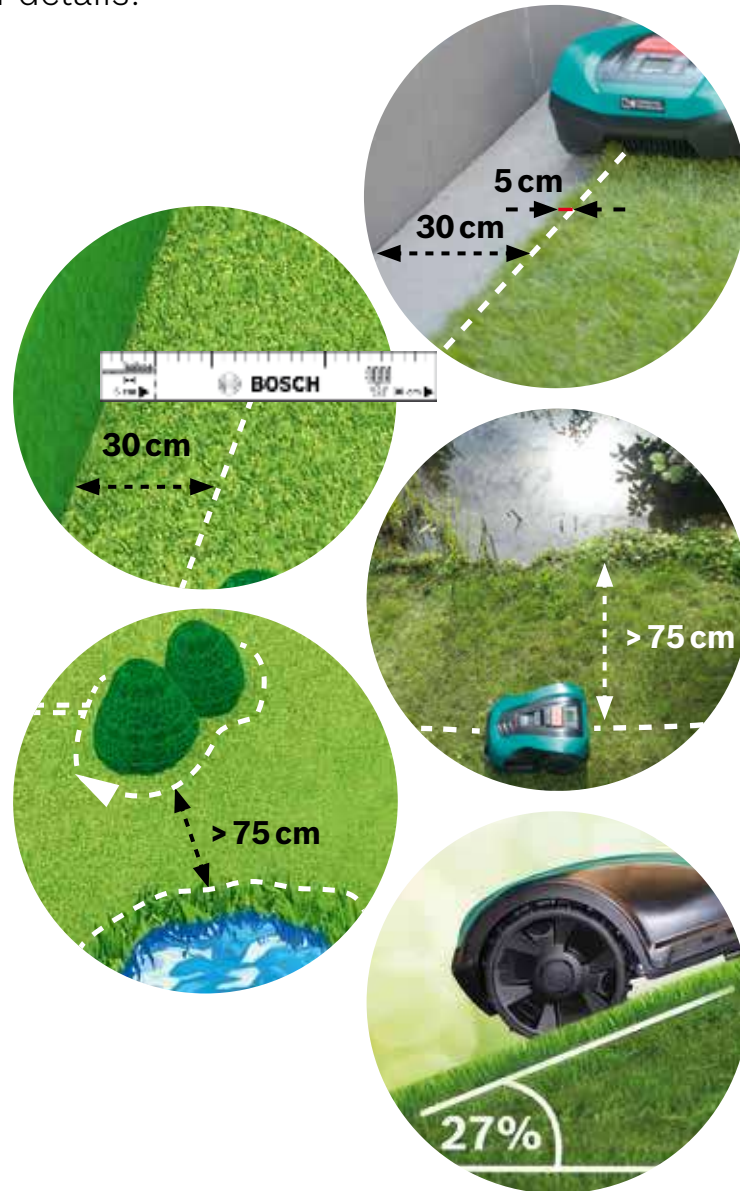
If less than this your Indego will not have enough space to run between the wire and the wall/fence/ bush and it will bump into it (and get scratched).

► Pond of water, deep step: >75 cm

This is because of safety reasons. In case there is a power cut your Indego will stop after not noticing the wire for 50 cm. You don't want your Indego to end up in a pond if there is a power cut!

► Distance between objects >75 cm

When marking objects (step 4.8) remember there must be at least 75 cm distance between the two objects. Leaving less distance than this will cause some interference. This is applicable for all robotic mowers using wire.



4.2 Take the plastic out from the reel

and pull the end of the perimeter wire.



4.3 Feed the perimeter wire

through the tubing on the docking station as indicated by the arrow on the docking station, until it appears on the other side.



4.5 Connect the wire

to the right hand (black) terminal.



4.4 Strip carefully

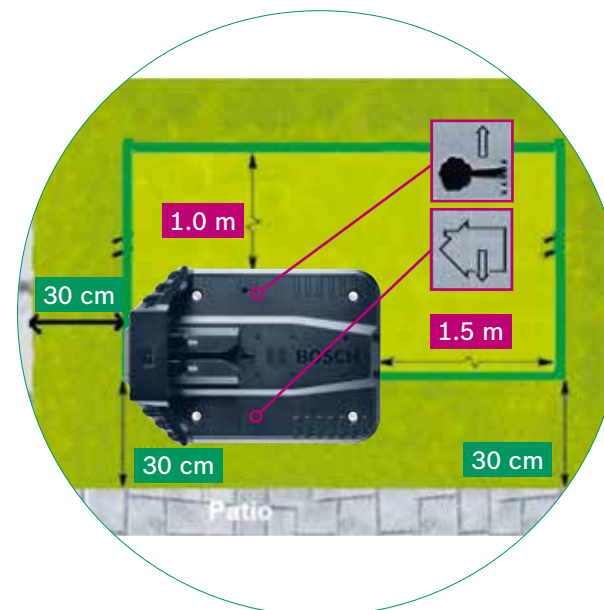
10–15 mm of insulation off the wire.



4.6 Pull the wire from the coil, tauten and fix it

with one peg next to the docking station (behind the arrow). Ensure the wire is straight and in line with the docking station tubing for 1.5 m (continuing to peg every 75 cm). This enables your Indego to return to the docking station correctly.

► If the wire is not straight and in line with the docking station, the Indego will not work and you will need to relay the wire.



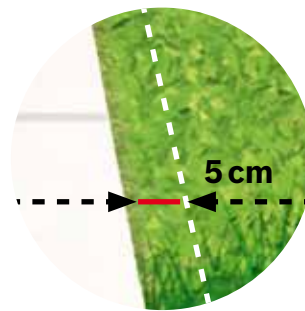
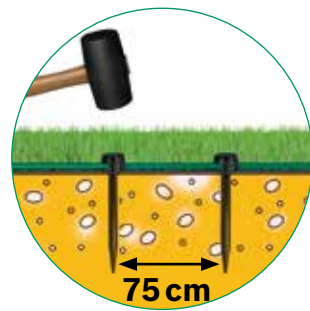
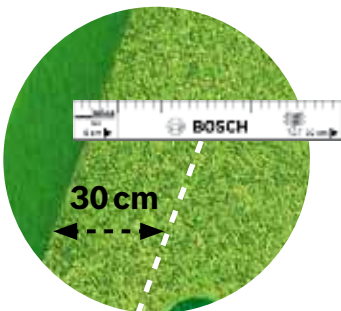
4 Perimeter wire layout

4.7 Lay the perimeter wire around the lawn area

and objects (4.8). Start from the docking station in an **anti-clockwise** direction. This is important so your Indego cuts inside that area.



Use a mallet to insert the pegs in the ground (holding the wire in place) and the 75 cm ruler provided to maintain the distance between them.



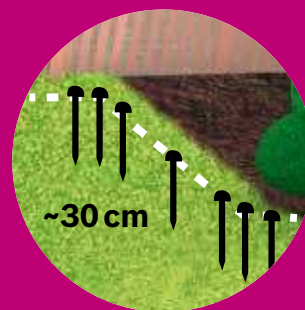
Ensure:



- There is **no loose wire** as it could be cut during mowing.
- The wire is **flat to the ground** all the way. Use additional pegs where the wire is slack.



- The **wire is taut** before placing the next peg (if you can place a couple of fingers under the wire this is not taut enough!).



- Increase the number of pegs at a corner.

4.8 Marking permanent objects (1.2)

Mark out permanent objects you do not want the mower to run over, e.g. roots, ponds, rocks. This will prevent your Indego colliding with objects, or going straight into them.

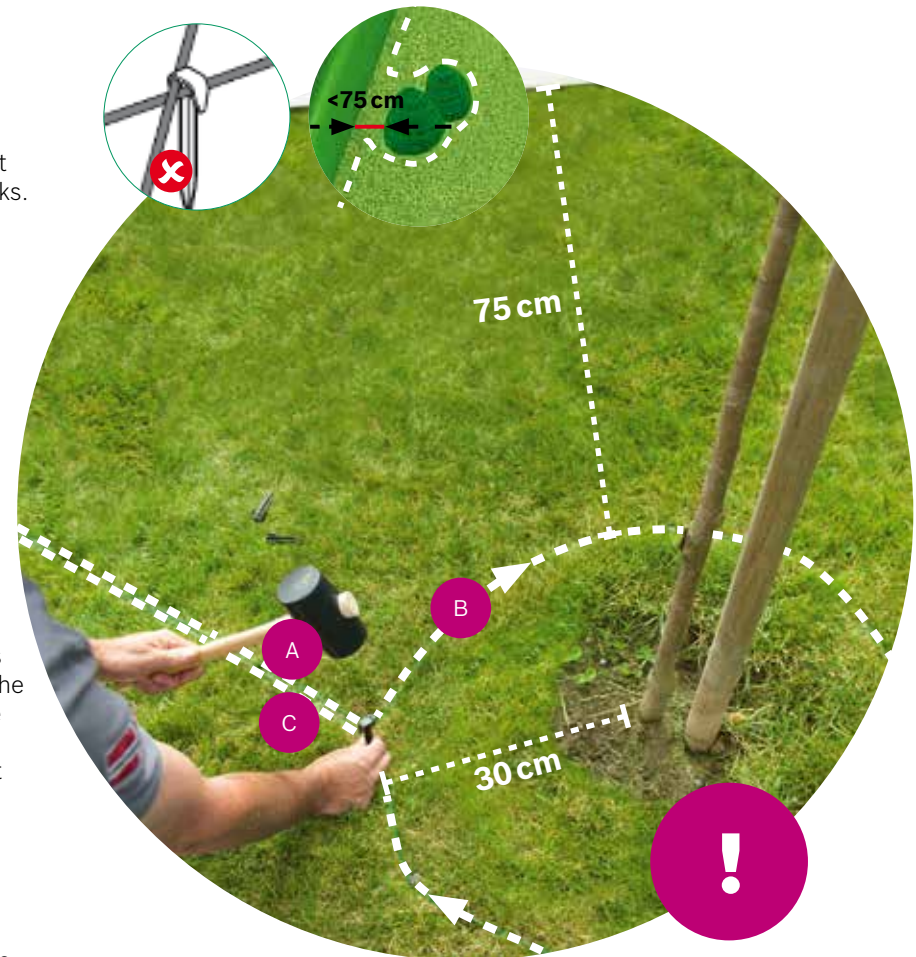
- **A:** Run the wire from the lawn perimeter to the object.
- **B:** Continue round the object in a clockwise direction. When going around the object use more pegs, so they are closer than 75 cm.
- **C:** Return the wire back to the perimeter. Ensure the distance from the wire around the object and lawn perimeter is at least 75 cm.

Please ensure that the two parallel wires leading to and from the marked object are as close as possible by placing the wire under the same side of the peg. This will make the wire undetectable to your Indego. Please ensure that the wires do not cross over each other at any point.

Remember to leave 30 cm around the object to the wire!

If objects are less than 75 cm from the lawn edge, surround the object when installing the wire, leaving the object outside of the lawn cutting area.

Check from time to time that the wire does not become loose, attach the wire to the ground with additional pegs if it does.

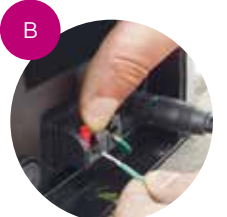
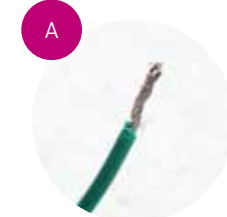
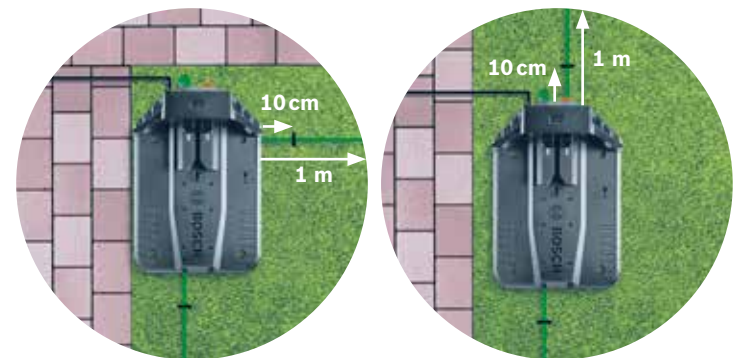


When the perimeter wire has been laid around the entire cutting area...

4.9 ...peg the wire down within 10 cm in line with the docking station as illustrated.

- **A:** Cut the wire and strip 10–15 mm of insulation off.
- **B:** Connect it to the left hand (red) terminal.
- **C:** Clip over the backing cover.

After a few weeks, the wire will disappear under the grass. Approximately 20 cm of lawn around the fixed object and around the edge of the lawn will not be mown. For safety reasons blades cannot reach up to the edge of the mower.



If you have purchased an Indego Connect you can finish your installation by setting up your account and completing the final steps through the Bosch Smart Gardening app – download now by scanning the QR code here:



5

Screen settings and mapping your lawn

To operate your Indego ensure the isolator switch is turned on at the back of the mower then press the key. The screen will switch on after a few seconds. Follow the on-screen instructions. Remember to note down your PIN code. The buttons with the symbols or (up or down) allow you to choose an option within a menu screen. The buttons with the symbols or allow you to go right or left through the menu options. The key will take you to the previous menu screen. The key will confirm the selection or take you to the following screen within the menu.

5.1 “Set Language”



5.2 Enter your personal PIN code.

- Keep the PIN code secret from third parties.
- The mower won't work without your personal PIN. If you own a non-Connect mower and you have lost your personal PIN code, you will have to contact Bosch (see “After-Sales Service and Application Service” contact details in the manual). We recommend to register your mower through the “My Bosch” website **MyBosch-Tools.com** in order to recover your PIN faster.
 - If you own an Indego Connect you can reset your PIN code via the app.

Please make a note of your PIN code here:

5.3 Set time and date.

5.4 Press the key to map the garden.

The blades do not rotate when the machine follows the wire during mapping. Whilst mapping your Indego will follow the wire around the edge of the lawn area. Mapping is complete when the machine touches the docking station. Confirm this on the screen. Then the mower will drive back for a few meters to enter the docking station.

Note: walk alongside Indego while it is following the edge.

5.5 Confirm AUTO Calendar Function

After a successful installation, your Indego will know the size and shape of your garden. You can either confirm the recommended schedule for your lawn size, or set up a mowing schedule in the “Menu > Calendar”. You can also immediately begin to mow by pressing “Mow now”.

5.6 Set the height of cut for the grass.

Depending on the height of the grass in the lawn area, it is recommended to start with a higher setting and then gradually reduce the level.

Note: the Indego is designed to cut small pieces of grass [5 mm] that then drop down and fertilise the soil.



Enjoy watching your Indego mowing the lawn for you!



Your Indego is intelligent

Logicut Intelligent Cutting – How your Indego cuts efficiently

During the first 3 full cuts your Indego

- ▶ learns the shape of the cutting area it is working in
- ▶ learns the location of the objects within it: trees, flower beds, ponds, etc. (only those objects that are marked out during installation are learnt)

How your Indego learns the lawn shape

1 Mapping the cutting area

1. After setup, your Indego will first map out the shape of the garden by following the perimeter wire. Your Indego then builds up a map of the garden that is saved into its memory.
 2. When mapping Indego will only follow the outer perimeter wire.
- Note:** your Indego does not follow the wire to the inner boundaries.

2 Learning the location of objects marked out with the perimeter wire

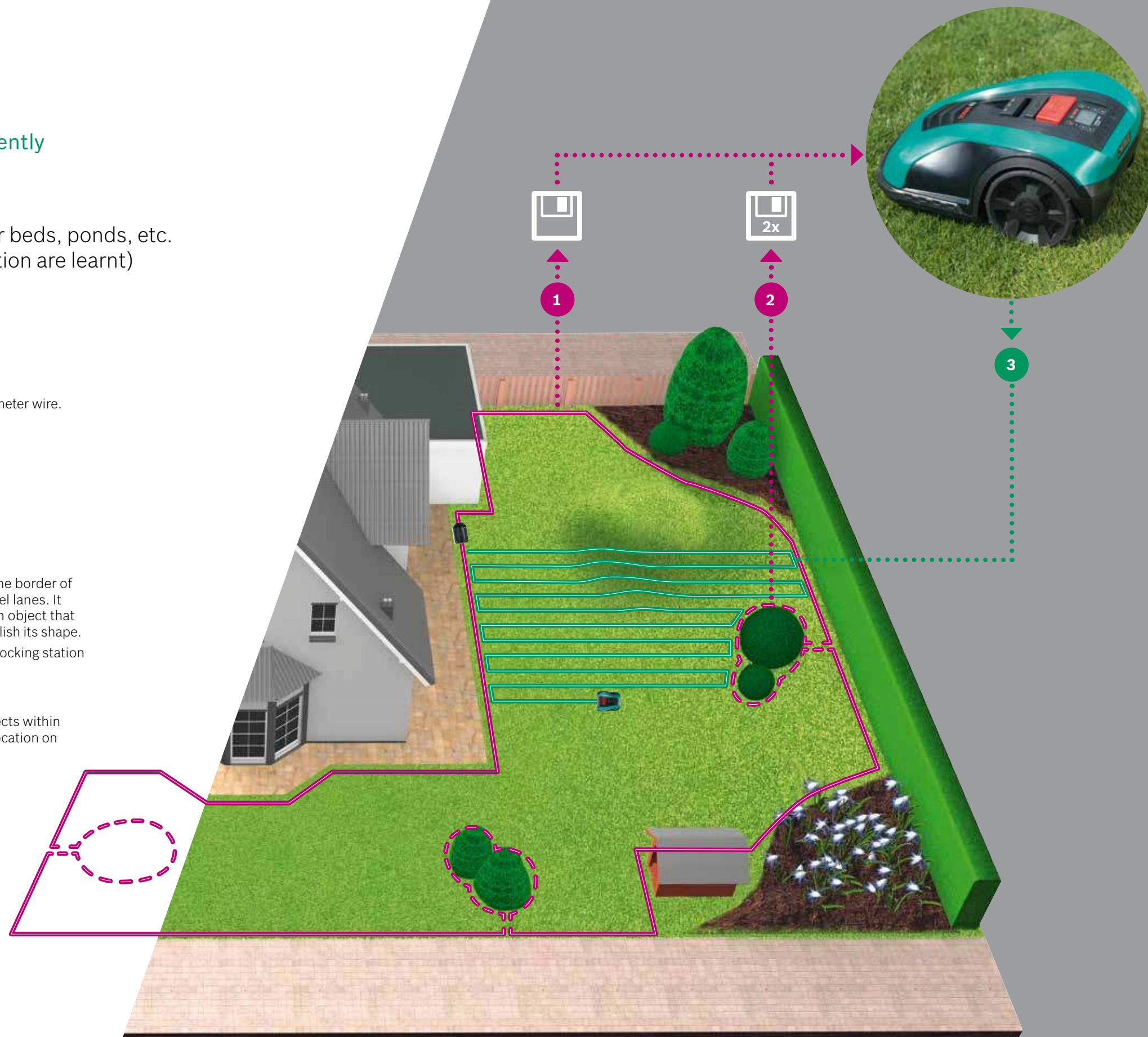
1. Once your Indego has the cutting area mapped it can start to cut the grass.
 2. After pressing "Mow Now" your Indego will leave the docking station and start to cut the border of the marked out garden. After finishing the border cut it starts to cut the grass in parallel lanes. It continues cutting until it completes a section of the cutting area or until it discovers an object that has been marked out, using the perimeter wire. Your Indego will follow it around to establish its shape.
 3. Your Indego will then drive to the outer perimeter wire and follow it until it reaches the docking station to confirm the location of the object.
 4. The new discovered object will be saved automatically in the map. This process will be repeated with every object.
- Note:** during the first 3 complete full cuts, your Indego will learn the location of the objects within the garden. This is to make sure that all objects in the garden are discovered and their location on the garden map is accurately logged.

3 Intelligent mowing!

Your Indego is ready to start cutting the lawn in sections of parallel lines, as soon as the lawn has been mapped and obstacles have been identified. This ensures an efficient mowing session as Indego then knows exactly where it needs to cut, where grass has already been cut and the way back to the docking station to recharge.

Note: 3 complete mowing sessions, ensure that the entire lawn has been cut.

In order to leave a beautiful lawn, and reach difficult areas, your Indego will change the direction of the lanes every time that it has finished a full cut of your lawn. So the next time it starts again it will start in a different direction but always keeping the parallel lanes and its efficiency.



Border cutting

Your Indego will always start with the border cut to ensure that the edges are tidy, before commencing a new full cut of the lawn.

Battery charging

Your Indego returns to the docking station every time it needs recharging. When charging is complete it will return to mowing.





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