

**HUSQVARNA  
AUTOMOWER<sup>®</sup>**

**WORLD LEADER  
IN ROBOTIC  
MOWING**



# WORLD LEADER IN ROBOTIC MOWING

## REFINED ROBOTIC MOWING SINCE 1995



### Manages passages

Husqvarna Automower® senses narrow passages and finds its way through narrow gaps.



### Advanced navigation

Several navigation tools, including GPS (on 430X and 450X), ensure Husqvarna Automower® covers your entire lawn, even in complex gardens.

# LET THERE BE COMPLEXITY

COPE WITH THE  
CHALLENGES OF A  
COMPLEX GARDEN  
TRULY RELIABLE,  
NEVER STOP



## Automower Connect

Control the operation of your Husqvarna Automower® from your iOS or Android smartphone, including location and theft alarm (Selected models).



# SILENT NIGHT

## HUSQVARNA AUTOMOWER® WORKS QUIETLY WHILE YOU SLEEP



**NO NOISE. NO FUSS.**

You'll be surprised how quickly you forget about your Husqvarna Automower®.  
You'll hardly notice it as it rolls around your garden doing its job quickly, quietly and efficiently.  
No noise, no fuss – just a great looking lawn.

# LET IT POUR

# HUSQVARNA AUTOMOWER® DOESN'T MIND THE RAIN



**WORKS IN THE RAIN**

Husqvarna Automower® gives you great cutting results in any type of weather (except in snow).  
Its vital parts are safely protected from rain, as well as dust and grass clippings.

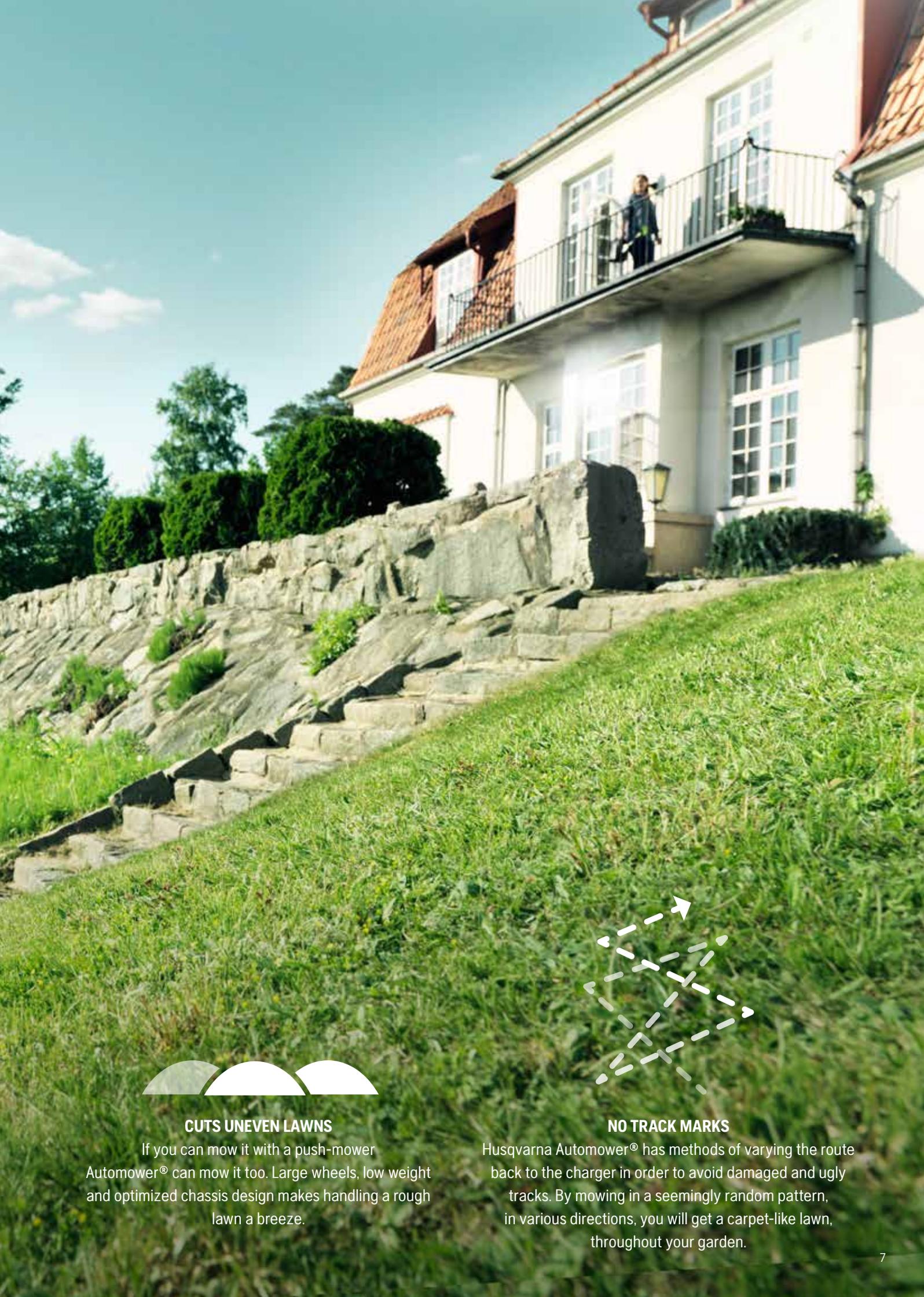
# BRING IT ON

## HUSQVARNA AUTOMOWER® MANAGES STEEP INCLINES AND ROUGH TERRAIN



### MANAGES STEEP SLOPES

Thanks to sensors and smart software Husqvarna Automower® manages slopes up to 45% (24°). There's also a terrain kit accessory to improve performance in slopes.



### **CUTS UNEVEN LAWNS**

If you can mow it with a push-mower Automower® can mow it too. Large wheels, low weight and optimized chassis design makes handling a rough lawn a breeze.



### **NO TRACK MARKS**

Husqvarna Automower® has methods of varying the route back to the charger in order to avoid damaged and ugly tracks. By mowing in a seemingly random pattern, in various directions, you will get a carpet-like lawn, throughout your garden.

# HOW IT WORKS!

To cut a little and often, is what leads to more efficient cutting and healthier grass.

## PRINCIPLE FUNCTION

- + Unattended mowing.
- + Mow little but efficiently and frequently.
- + Good performance even in wet weather.

## COLLISION AND LIFT SENSORS

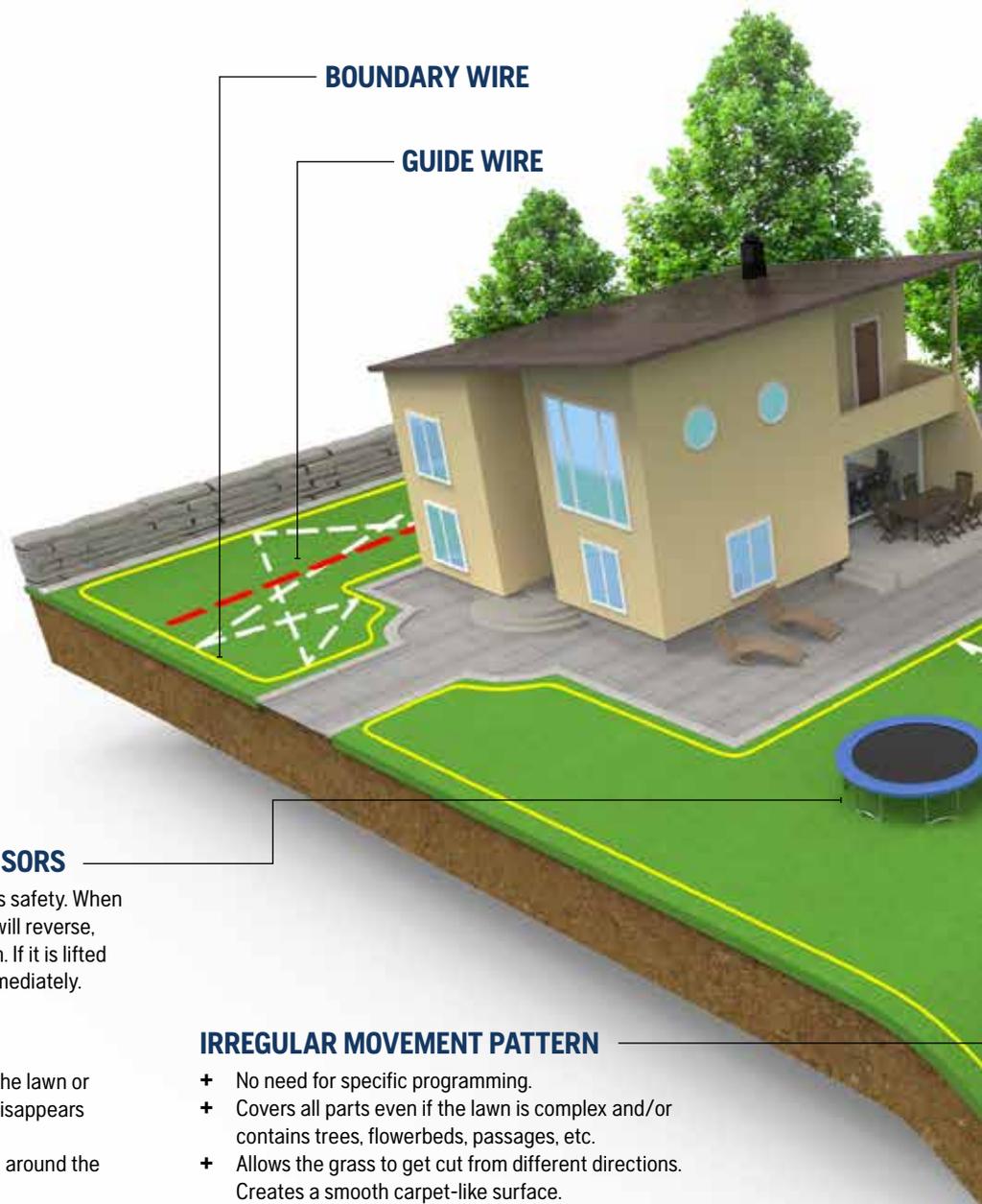
Collision and lift sensors increases safety. When the mower runs in to an object it will reverse, turn and choose another direction. If it is lifted the blade and mower will stop immediately.

## NAVIGATION

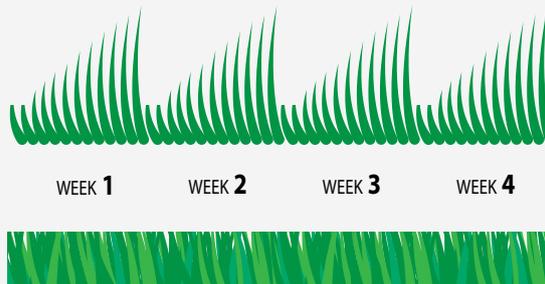
- + The boundary and guide wires are pegged to the lawn or buried just below the surface. A pegged wire disappears into the lawn in a few weeks.
- + The mower stays inside the boundary wire laid around the perimeter of the working area.
- + The charging station transmits a signal around the boundary wire ensuring the mower stays within the working area. The boundary wire can also guide the mower to the charge station.

## IRREGULAR MOVEMENT PATTERN

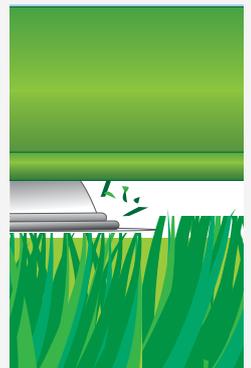
- + No need for specific programming.
- + Covers all parts even if the lawn is complex and/or contains trees, flowerbeds, passages, etc.
- + Allows the grass to get cut from different directions. Creates a smooth carpet-like surface.



## TRADITIONAL VS AUTOMATIC MOWING TECHNIQUE



The principle function of the Husqvarna Automower® provides the service of a well cut lawn, not just a lawn mower. Things like horsepower, cutting width and technical details become less important with a Husqvarna Automower® that cuts your lawn day in, and day out.



## RECHARGING

When it's time to recharge, the mower finds the charger by one of three methods.

1. By picking up a signal from the charge station antenna.
2. By following the guide wire back to the charging station.
3. By following the boundary until within reach of the home signal.

## EFFICIENT CUTTING TECHNIQUE

- + The grass is cut with three fine, razor-sharp blades.
- + The three free-hanging blades are mounted on a disc and are easily replaced.
- + The blades can rotate back into the disc to minimize damage, should they hit hard objects – stone, branches, etc.
- + The grass mown is so fine and small that it does not need to be collected.

## HERE'S HOW TO CALCULATE YOUR LAWN'S INCLINATION

1. Place one end of a spirit level on the ground, and hold it horizontally.
2. Measure the distance down to the ground from the end of the level in the air. This distance divided by the length of the level is the inclination in %. If the measurement is 10 cm and the length of the level 50 cm the inclination is 20%.

## MOWING CYCLE

- + The concept is to keep short grass short.
- Husqvarna Automower®
- + Finds the charging station automatically.
  - + Charges for approximately 60 minutes.
  - + Resumes mowing, day in and day out regardless of the weather.

## UNSURPASSED CUTTING RESULT

Husqvarna Automower® uses razor-sharp blades to cut every blade of grass, resulting in a lush, green lawn that conventional blades cannot achieve. The grass clippings become a natural fertilizer, helping keep lawns lush, green and moss free.

**NO 1**  
**BEST SELLER**  
SINCE 1995

# UNDER THE HOOD THERE IS LEADING TECHNOLOGY

## GPS ASSISTED NAVIGATION

An onboard GPS system creates a map of the garden, including where the boundary and guide wires are installed. Husqvarna Automower® will then know which parts of the garden it has covered and adjusts its mowing pattern accordingly. This will ensure optimised lawn coverage and an excellent cutting result.

## REMOTE CONTROL

Automower® Connect gives you full control over your Husqvarna Automower® from wherever you are thanks to GPS tracking and connection via the mobile phone network. Among other things it enables starting and stopping. With the app you can also track your mower if stopped or removed.



## REMOTE OBJECT DETECTION

Your Husqvarna Automower® slows down as soon as it senses a nearby object, making the object collision very light.

## AUTOMATIC PASSAGE HANDLING

All Husqvarna Automower® models can pass through passages as narrow as 60 cm. Automatic passage handling also makes installation easier and reduces track marks.

## WEATHER TIMER

Adapts the time spent mowing so Husqvarna Automower® works more in periods of strong grass growth and less in dry, sunny weather.

## HEADLIGHTS

Effective LED light kit that allows you to see the product work even in the dark.

## ULTRASILENT DRIVE

Innovative motor design further reduces noise from the wheel drive system.

## ELECTRIC CUTTING HEIGHT ADJUSTMENT

Adjust the length of your grass with a simple push of a button on the keypad.

## GUIDE WIRE

The unique guide wire offers a direct, reliable return path for Husqvarna Automower®. Selected models may also use the boundary wire to find the way back to the charge station.

## SEARCH METHODS

Several methods possible for the mower to find the fastest and most efficient way back to the charging station for recharging:

- + signal from the antenna in the charging station (reach 0-7 metres)
- + follow guide wire (1-3 pcs depending on model)
- + follow boundary wire

## WHEEL PLATFORMS

Optimised platform design for greater efficiency and better accessibility in different types of gardens.

## TERRAIN/SLOPE PERFORMANCE

Husqvarna Automower® can cope with slopes up to 45% (24°). The optional terrain kit accessory improves performance in certain conditions. The built-in slope compensation feature ensures a perfectly cut lawn, even on slopes and other challenging surfaces.

## PROFILES

Memories for groups of settings. Great if, for example, you operate the mower in more than one location.

## SPIRAL CUTTING

When it enters an area with taller grass than average, Husqvarna Automower® will work in a concentrated systematic spiral pattern to even out differences.

## SPOTCUTTING

Start spot cutting immediately. Great if you want Husqvarna Automower® to focus on a small area.

## LARGE DISPLAY

High resolution display for comfortable programming of the individual settings.

## BACKLIT KEYPAD

For easier interaction with your Husqvarna Automower® at night.

## REPLACEABLE TOP COVER

Possibility to personalise the robotic mower by changing colour of the top cover. Available as accessory in polar white or Husqvarna orange.

## CHARGE STATION PARK BUTTON

Calls the mower home to park in the charge station at the push of a button.

## RUBBER BUMPER

Protects the body during low speed collisions.

## REMOTE START POINTS

Allows you to start Husqvarna Automower® away from the charge station. Useful when there are narrow passages separating lawn areas, to ensure a uniform cutting result throughout the lawn.

## SKID PLATE

Reduces energy consumption and helps keep blades clean.

## THEFT PROTECTION

Husqvarna Automower® is equipped with an alarm and cannot be used without the personal pin code. And with Automower® Connect you can also receive alarms and track its position in case of theft.

## RAZOR-SHARP BLADES

Sharp, pivoting blades cut rather than tear grass, as well as reducing noise and energy consumption.

## DUAL CUTTING DIRECTIONS

The thin razor blades have two edges and the blade motor spins in both directions to maximize blade life.

## INTUITIVE GRAPHIC MENU STRUCTURE

Makes it very easy to configure Husqvarna Automower® to suit your garden and personal preferences.

## ALL RUBBER TIRES

Good wear resistance and low noise when running over hard surfaces.

## DESIGNED FOR LONG LIFE

High quality brushless motors, stainless bearings and rubber sealings ensure long-lasting functionality.

### EXPLANATION OF COLOURCODED HEADLINES

**ORANGE** - soft features. **BLUE** - hard features.

See range overview on the next spread for model specific features.

**GREY** - features that all models have, not included in the range overview on the next spread.

Note: Not all models have all the features listed, please check individual models for included specification.



# SIX WAYS TO HELP YOU GET A PERFECT LAWN

There is a Husqvarna Automower® model for every type of lawn. From smaller, straightforward lawns to really complex gardens with steep hills and narrow passages.



## AUTOMOWER® 105

Reliable robotic mower for smaller lawns. Compact, lightweight and great results.

Area: **600 m²** Slope capability: **Up to 25%**  
Garden complexity: ●●●●○

967 62 23-03 ex **£833.33 inc £1,000.00**



NEW

## AUTOMOWER® 310

Efficient robotic mower. Smart technology enables navigation of narrow spaces and personalised settings for mowing times. Personalise it by changing the top cover; available as accessory.

Area: **1000 m²** Slope capability: **Up to 40%**  
Garden complexity: ●●●●○

967 62 35-03 ex **£1,166.67 inc £1,400.00**



NEW

## AUTOMOWER® 315

Advanced robotic mower. Smart technology automatically adapts the daily mowing time to the growth rate of the grass. Personalise it by changing the top cover; available as accessory.

Area: **1500 m² +/- 20%** Slope capability: **Up to 40% (20°)**  
Garden complexity: ●●●●○

967 62 34-03 ex **£1,333.33 inc £1,600.00**



## AUTOMOWER® 420

This ultra-quiet robotic mower handles complex lawn shapes and steep slopes. Can be equipped with Automower® Connect.

Area: **2200 m²** Slope capability: **Up to 45%**  
Garden complexity: ●●●●○

967 62 24-03 ex **£1,666.67 inc £2,000.00**



## AUTOMOWER® 430X

High-capacity, ultra-quiet robotic mower. Handles lawns with complex shapes. Can be equipped with Automower® Connect.

Area: **3200 m²** Slope capability: **Up to 45%**  
Garden complexity: ●●●●○

967 62 25-03 ex **£2,083.33 inc £2,500.00**



NEW

## AUTOMOWER® 450X

Top-of-the-line, ultra-quiet robotic mower with high capacity. Handles lawns with very complex shapes. Tracking and remote setting adjustment with Automower® Connect. Two years free connectivity included. Personalise it by changing the top cover; available as accessory.

Area: **5000 m²** Slope capability: **Up to 45%**  
Garden complexity: ●●●●○

967 62 26-03 ex **£2,500.00 inc £3,000.00**

# RANGE OVERVIEW

RANGE	105	310	315	420	430X	450X
GPS navigation					●	●
Remote control (Automower Connect)				○	○	●
Remote object detection						●
Automatic passage handling		●	●	●	●	●
Weather timer			●	●	●	●
Headlights					○	●
Ultrasilent drive				●	●	●
Electric cutting height adjustment				●	●	●
Guide wire	1	1	1	1	2	3
Search methods	1	3	3	3	4	5
Wheel platform	3	4	4	4	4	4
Terrain/slope performance	25%	40%	40%	45%	45%	45%
Profiles (settings memory)			●	●	●	●
Spiral cutting		●	●	●	●	●
Spot cutting			●	●	●	●
Large display			●	●	●	●
Backlit keypad					●	●
Replaceable top cover		●	●			●
Charge station park button					●	●
Rubber bumper					●	●
Remote start points	x2	x3	x3	x3	x5	x5
Skid plate	●	●	●	●	●	●

● Standard    ○ Optional

See detailed feature specifications on previous spread.

# ALL THE RIGHT ACCESSORIES



## AUTOMOWER® INSTALLATION KIT

Installation kits includes loop wire, pegs, splicers and connectors in different numbers and lengths, suitable for your garden.

**Small** Suitable for open lawn areas of max 800 m<sup>2</sup> or complex lawn areas of max 400 m<sup>2</sup>.

967 62 36-01 **ex £58.00 inc £70.00**

**Medium** Suitable for open lawn areas of max 2000 m<sup>2</sup> or complex lawn areas of max 1000 m<sup>2</sup>.

967 62 36-02 **ex £100.00 inc £120.00**

**Large** Suitable for open lawn areas of max 5000 m<sup>2</sup> or complex lawn areas of max 2500 m<sup>2</sup>.

967 62 36-03 **ex £166.67 inc £200.00**



## REPLACEABLE TOP COVER

Make your mower unique and personal by changing the colour. Available in white and orange for 310, 315 and 450X.

Grey. 310/315 587 23 58-01 **ex £29.17 inc £35.00**

Polar white. 310/315 587 23 58-02 **ex £29.17 inc £35.00**

Husqvarna Orange. 310/315 587 23 58-03 **ex £29.17 inc £35.00**

Grey. 450X 588 79 91-01 **ex £50.00 inc £60.00**

Polar white. 450X 588 79 91-02 **ex £50.00 inc £60.00**

Husqvarna Orange. 450X 588 79 91-03 **ex £50.00 inc £60.00**



## WHITE DESIGN BODIES

Husqvarna robotic mowers 105, 420 and 430X can be equipped with a polar white body,

105. 588 79 93-01 **ex £37.50 inc £45.00**

420. 580 96 56-01 **ex £95.83 inc £115.00**

430X. 580 96 57-01 **ex £95.83 inc £115.00**



## HOUSING

Protects the charging station and the robotic lawn mower from exposure to sun and rain.

310/315 587 23 61-01 **ex £125.00 inc £150.00**

420/430X/450X 585 01 94-01 **ex £125.00 inc £150.00**



## LED HEAD LIGHTS

Let your Automower® 430X shine also at night with these energy-efficient headlights.

581 91 25-02 **ex £58.33 inc £70.00**



## WALL HANGER

Easy wall storage for mower and charging station when not in use or during winter.

310/315 587 22 40-01 **ex £35.83 inc £43.00**

420/430X/450X 585 01 97-01 **ex £35.83 inc £43.00**



## SOFT CARRY BAG

A special carry bag makes it easy to move the robotic lawn mower between lawns.

420/430X 522 91 67-01 **ex £26.88 inc £32.25**

450X 522 91 66-01 **ex £35.83 inc £43.00**



## ROUGH TERRAIN KIT

Provides excellent traction on rough and sloping lawns, ensuring that your Automower® robotic mower performs to your expectations. The slope performance increases by some 5%-points at the edge of the lawn, depending on weather and lawn quality.

310/315 587 23 53-01 **ex £50.00 inc £60.00**

420/430X/450X 581 88 97-02 **ex £58.33 inc £70.00**



## WHEEL BRUSH KIT

Keeps the driving wheels clean to maintain good traction.

310/315 587 23 57-01 **ex £20.83 inc £25.00**

420/430X/450X 581 90 31-02 **ex £25.00 inc £30.00**



## LONG-LIFE SAFETY BLADE

Unbreakable carbon steel safety blade. Combines its high-strength properties without losing the sharpness for a long time. Conforms to the safety standard for Robotic Lawnmowers IEC 60335-2-107.

9 pieces for 3 blade set changes  
577 86 46-02

**ex £16.67 inc £20.00**

# AUTOMOWER® CONNECT JUST ADD A SMARTPHONE AND YOU'RE IN CHARGE

Automower® Connect is a feature that gives you full control of your robotic mower right from your smartphone. With this app you can send start, stop and park commands, check and adjust the settings, and also receive alarms and track your robotic mower's position in case of theft - wherever you are.



Download App available in Appstore and GooglePlay.

## AUTOMOWER® CONNECT

Automower® Connect enables you to remotely control, configure and monitor your mower with an app on your smartphone. On Husqvarna Automower® 450X it's standard equipment. On Automower® 420 and 430X it's available as accessory.

**Control** Receive status messages and send Start, Stop and Park commands to the mower from anywhere in the world.

**Configure** Brings the mower's menu system to your smartphone. Read and change the mower settings without the need of being on site.

**Security** Receive alarm and track your mower's position in case of theft.

**GPRS** based communication – GPS tracking and fault messages also available for non-smartphone users (via SMS).

586 66 23-01 ex **£129.17 inc £155.00**  
*required smartphone not included.*

**2 YEARS  
CONNECTIVITY  
INCLUDED**

## YOUR HUSQVARNA DEALER CAN ASSIST WITH ADVICE AND INSTALLATION SERVICE

Consulting your Husqvarna dealer is always a good way to secure that you get the optimal model of Husqvarna Automower®. To secure maximum convenience and trouble-free operation we recommend that you also let the dealer take care of the installation. Overhaul and winter storage are also things that your dealer can help you with. This so you will be ready to mow as soon as spring arrives.



**READ MORE AT  
HUSQVARNA.COM**



# TECHNICAL SPECIFICATION

RANGE	105	310	315	420	430X	450X
Area capacity	600 m <sup>2</sup>	1000 m <sup>2</sup>	1500 m <sup>2</sup>	2200 m <sup>2</sup>	3200 m <sup>2</sup>	5000 m <sup>2</sup>
Area capacity per hour	43 m <sup>2</sup>	55 m <sup>2</sup>	68 m <sup>2</sup>	90 m <sup>2</sup>	135 m <sup>2</sup>	210 m <sup>2</sup>
Cutting width/height	17 / 2-5 cm	22 / 2-6 cm	22 / 2-6 cm	24 / 2-6 cm	24 / 2-6 cm	24 / 2-6 cm
Battery type	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion	Li-Ion
Battery capacity	18V / 2,1Ah	18V / 2,1Ah	18V / 2,1Ah	18V / 3,2Ah	18V / 5,2Ah	18V / 10,4Ah
Typical charging time	50 min	60 min	60 min	55 min	65 min	75 min
Typical mow time on one charge	70 min	70 min	70 min	105 min	135 min	260 min
Power consumption during cutting	20W +/- 20%	25W +/- 20%	25W +/- 20%	30W +/- 20%	30W +/- 20%	35W +/- 20%
Mean energy consumption at maximum use	4.5 kWh/month	7 kWh/month	9 kWh/month	17 kWh/month	18 kWh/month	23 kWh/month
Noise level, dB(A) guaranteed *	61 dB(A)	60 dB(A)	60 dB(A)	58 dB(A)	58 dB(A)	58 dB(A)
Weight, kg	6,7 kg	9,0 kg	9,0 kg	11,5 kg	13,2 kg	13,9 kg
Minimum passage	60 cm	60 cm	60 cm	60 cm	60 cm	60 cm
Maximum slope inside installation	25%	40%	40%	45%	45%	45%
Maximum slope by boundary wire	15%	15%	15%	15%	15%	15%
Graphic display size	Medium	Medium	Large	Large	Large	Large
Alarm / PIN code / GPS tracking	• / • / -	• / • / -	• / • / -	• / • / (•)	• / • / (•)	• / • / •
Extra blades included	9 pcs	9 pcs	9 pcs	9 pcs	9 pcs	9 pcs

● = Available (●) = Accessory - = Not available

\* Noise emissions in the environment measured as sound power (LWA) in conformity with EC directive 2000/14/EC. The guaranteed sound power level includes variation in production as well as variation from the test code with 1-3 dB(A).

AMOUNT OF HOURS THE ROBOTIC IS TIMED TO WORK (PER 24 HOURS)

## MAXIMUM AREA COVERAGE BASED ON DAILY OPERATING HOURS

	105	310	315	420	430X	450X
	m <sup>2</sup>					
2 HRS	86	110	140	180	270	420
4 HRS	170	220	270	370	530	830
6 HRS	260	330	410	550	800	1300
8 HRS	340	440	550	730	1100	1700
10 HRS	430	560	680	920	1400	2100
12 HRS	510	670	820	1100	1600	2500
14 HRS	600	780	960	1300	1900	2900
16 HRS	600	890	1100	1500	2100	3300
18 HRS	600	1000	1200	1700	2400	3800
20 HRS	600	1000	1400	1800	2700	4200
22 HRS	600	1000	1500	2000	2900	4600
24 HRS	600	1000	1500	2200	3200	5000

A robotic mowers maximum working capacity (m<sup>2</sup>) is based on 24/7 operation. To ensure you have sufficient daily recreational time on your lawn where Automower® is not active, the table outlines maximum area coverage (m<sup>2</sup>) of each model based on daily operating hours. This helps ensure the correct machine is always selected.

## IMPORTANT FACTS ABOUT AREA CAPACITY

- + A large area capacity means high mower productivity. High productivity gets the job done faster, i.e. the mower spends less time mowing the lawn, making it available for other activities. If the mower is allowed to work around the clock, all days of the week it will be able to maintain the area size stated by each model.
- + For instance, if you don't want to use the mower at night, the mower's area capacity is reduced by 33%.
- + If several lawns are connected by narrow passages (130-300 cm), we recommend models with dual guide wires: Husqvarna Automower® models 430X or 450X.
- + For very large areas, over 5000 m<sup>2</sup>, you can let several products work together. Ask your dealer for advice.
- + By complex gardens, we mean separated lawn areas, connected by passages, many obstacles and steep inclines.

UK Legal Requirement, Husqvarna UK Ltd, Preston Road, Aycliffe Business Park, Newton Aycliffe, County Durham DL5 6UP. Tel: 0844 243 5263\*. Email: info@husqvarna.co.uk \*Calls cost 7p per minute from a BT landline, charges from other operators will vary and calls from mobile will cost considerable more.

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