

# Husqvarna Commercial Robotic Products **2024**



HUSQVARNA CEORA™

## Effortless fairway management

INTRODUCING HUSQVARNA AUTOMOWER® 520 EPOS™

## Wire-free autonomous mowing for smaller commercial turfs





# Leading the way in autonomous mowing solutions



Husqvarna is a market leader in commercial robotic mowers and has pioneered ground-breaking solutions such as the AWD robotic mower and Husqvarna CEORA™ for large-scale commercial operations. We're industry drivers who've continuously spearheaded innovations for the future of commercial lawncare, for a more sustainable future with zero CO<sub>2</sub> emissions during use and without disturbing noise pollution – and we invite you to follow us there.





## Leading the way

Our first robotic mower hit markets all the way back in 1995, and since then we've continuously developed, strengthened, and refined our robotic solutions offer. This pioneering mindset has made us market leaders in commercial robotic mowing and a trusted supplier of reliable and efficient autonomous solutions that truly make a difference.

## Exceptional cutting quality

Commercial turf care requirements set a high bar when it comes to results. No matter if it's a football field, a golf course or an urban park, the cut quality must be pitch perfect. This is why Husqvarna autonomous mowers are equipped with razor sharp blades that deliver consistently excellent results. Additionally, you can easily control the cutting height.

## Autonomous mowing equals less time spent

Husqvarna robotic mowers operate autonomously when and where you want them to. 24/7 or at night, when the area is free from occupants, no matter the weather. You control the mowing schedule and get perfect results with minimal hands-on work. This means that you free up time that can be spent on other, more rewarding jobs.

## Less cost, less impact

A switch to battery-powered robotic mowers that produce zero CO<sub>2</sub> emissions during use can help you lower your overall carbon footprint. Moreover, the lower operational cost and the fact that autonomous mowing frees up time to do other tasks, thus reducing time for management, helps lower your overall costs even more.

## Manage your entire fleet with ease

Set the mowing area, the cutting height, and the mowing schedule – directly on your smartphone. With Husqvarna Fleet Services™ you get a perfect overview of your machines, their status, and their location. Additionally, you get valuable operational insights and service reminders.



[READ MORE](#)

Find out more about how our robotic solutions make your workday easier by visiting [husqvarna.com/ProRoboticMowers](https://www.husqvarna.com/ProRoboticMowers)



# Our sustainable approach

When it comes to doing business, we always lean forward. Society is going through a transformational shift to low-carbon, resource-smart solutions, and we intend to lead our industry in this change-over. Working ahead towards sustainability, we're also trying to reduce the climate impact by influencing and inspiring others beyond what's within our direct control.

## Some of the initiatives by Husqvarna

- We introduce more and more battery machines with power equivalent to petrol machines
- Our robotic mowers help you to reduce your carbon footprint\*
- Our Husqvarna Fleet Services™ platform helps you optimise your equipment fleet
- Services by Husqvarna help you ensure that your equipment runs efficiently

\*Compared to running petrol-driven mowers.



CHECK OUT OUR  
PROFESSIONAL  
BATTERY RANGE AT  
[HUSQVARNA.COM](https://www.husqvarna.com)

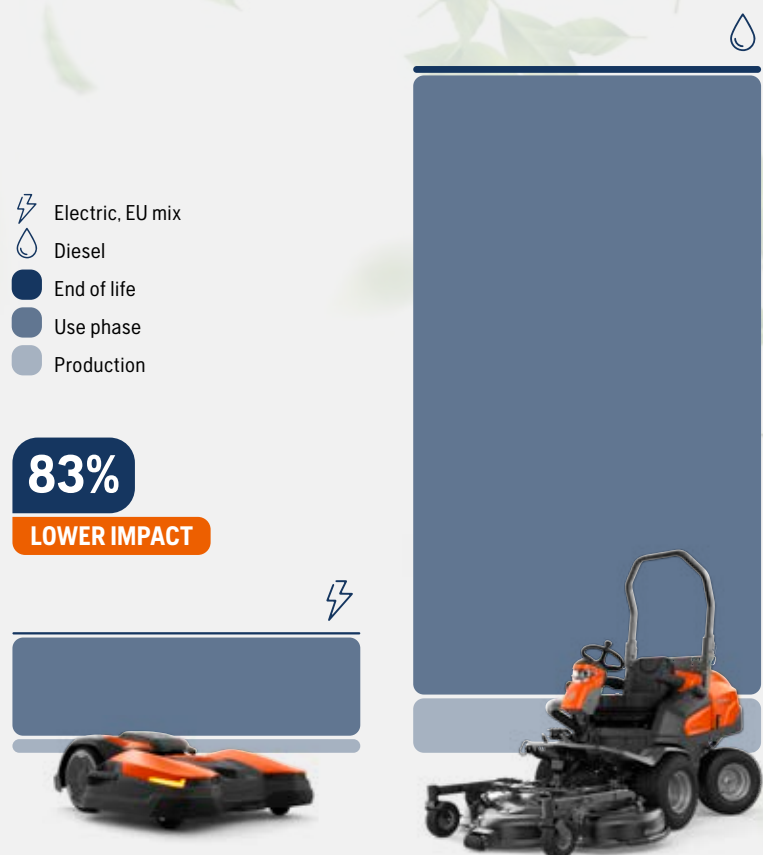




# Our robotic mowers can help you reduce your carbon footprint

Replacing your fuel-driven ride-on mowers with CEORA™ and Automower® robotic mowers can help you reduce your CO<sub>2</sub> footprint. As is shown in the graph below, the overall CO<sub>2</sub> footprint during the complete product lifecycle for CEORA™ – from production via transportation and operation, to end-of-life – is significantly lower than for the diesel driven product Husqvarna P 525DX.\*

## CO<sub>2</sub> FOOTPRINT DURING THE COMPLETE PRODUCT LIFECYCLE



**CEORA™ 546 EPOS™**  
297 kg CO<sub>2</sub>e / season

**FRONT MOWER P 525DX**  
1770 kg CO<sub>2</sub>e / season

The comparison is made based on a scenario of a 30-week cutting season (an April–October season in North Europe) per year. The Lifecycle Assessment (LCA) is based on the functional unit of cutting two football pitches (16,000 sqm) of average pitch grass lawn. CEORA™ is powered by EU electricity grid mix and Husqvarna P 525DX is powered by standard diesel. Result in global warming potential per season (kg CO<sub>2</sub>e/season).

\*Lifecycle assessment performed by accredited analyst firm Ramboll and reviewed by 3rd party reviewer Research Institute of Sweden (RISE), accessible at [husqvarna.com/ceora-lca](http://husqvarna.com/ceora-lca)

## How green is your city? Check it out on HUGSI!

Green spaces are the city's lungs. They improve air quality, help to manage rainwater runoff and contribute to our wellbeing. A growing urban population makes them increasingly important. To support the development, HUGSI (Husqvarna Urban Green Space Index) monitors the size, proportion, distribution, and health of green spaces in urban areas. [www.hugsi.green](http://www.hugsi.green)

# Make the game better with Husqvarna CEORA™

CEORA™ is our revolutionary solution for large green spaces, an excellent solution for modern sports clubs and facilities. Most sports fields require extra maintenance and additional expenses resulting from fertilising, aerating and watering. CEORA™ allows you to trim both time and expenses while simultaneously enhancing the aesthetics of sports fields between 25,000–50,000 m<sup>2</sup>.



"For a small club like us, using a CEORA™ robotic mower means that we can employ our groundskeepers in other duties, instead of mowing the grass. They can renovate and carry out repairs, work with brushcutters, or other things..."

"...The grass has become very nice and dense on all our pitches. To give you an idea – before a game, an opposing team that came here had to go out and feel the grass because they just couldn't believe it wasn't Astro turf."

## Mikael Ågren

COACH, TROLLHÄTTAN BOIS,  
SWEDEN





## Top benefits for sports clubs:

- 1 High precision systematic mowing**

Cutting in parallel tracks means CEORA™ is super-efficient when managing football pitches or other large turf areas. Frequent, systematic high-precision mowing produces the perfect result when only cutting a small amount each time.
- 2 Hassle free zone management**

CEORA™ features Husqvarna EPOS™ technology, an innovative satellite-based technology that makes it possible for the mower to work within virtual boundaries, enabling flexible installation in open sky areas. The absence of boundary wires eliminates potential line breakages due to aerating or turf repair.
- 3 Small carbon footprint and low noise**

CEORA™ not only covers large distances during its daily work, but also mows quietly and produces zero CO<sub>2</sub> emissions during use, reducing your carbon footprint.



# Husqvarna Automower® – the ideal robotic solution for a single pitch

Whether it's for soccer or athletics, a single pitch sports field is often heavily used, and the grass requires extra care and attention. Scheduling the maintenance can often be difficult, while the need for fertilizing, watering and minute care can be both time-consuming and expensive. Automower® robotic mower works according to your schedule, so as not to interfere with your activities, and cuts the grass every day or night, adding small composting clippings which don't need collecting. These clippings serve as natural fertilizer that strengthens the lawn, making it more resistant to wear. Sports clubs and facilities also have the option of a wire-free EPOS™ robotic mower that employs virtual borders to define several work areas with different settings for a more flexible mowing experience.

## Top benefits for sports clubs:

### 1 The perfect pitch

Delivers a consistently dense, green, and healthy pitch with deeper grass roots that can withstand heavy use and requires less time and money for maintenance.

### 2 Works when you want it to

These robotic mowers work any time of day – or night – according to your schedule, ensuring a well-maintained sports field.

### 3 A simple and flexible solution

With the EPOS™ robotic mowers you can define your work areas, set temporary stay-out zones all through virtual boundaries which means that you can perform aeration, vertical cutting and grass repair without any problems. Choose the systematic mode to make the mower work in straight, parallel patterns. This will also increase the capacity. In the systematic mode, two robotic mowers can work in parallel on the same pitch to minimise the cutting time.



“Since we started using Automower® robotic mowers at CNF Clairefontaine, we have noticed an improvement in grass quality, in both density and thinness, thanks to frequent mowing. They are very useful in winter when conditions are harder for traditional mowing methods.”



**Patrick Boisseau**

HEAD OF GREENKEEPING,  
NATIONAL FOOTBALL CENTER,  
FRANCE





GOLF COURSES

# Let Husqvarna CEORA™ take care of your fairways

CEORA™ and Automower® robotic mowers are perfect solutions for golf courses. By letting several robotic mowers run on semi-roughs and fairways, you're able to consistently deliver a high cutting quality. This gives golfers a perfect course that's ready for play – at a significantly lower cost than conventional, manual mowing. All in all, a satisfying result for both players and accountants. With our digital tool Husqvarna Fleet Services™ you can easily monitor and manage your fleet of mowers. In other words, the future of turf care is in your hands.



"Straight away you could see that the health of the turf and the quality of the cut was really good."

**James Ellis**

HEAD GREENKEEPER, HAMBURG-  
WALDDÖRFER GOLF CLUB, GERMANY





## Top benefits for golf courses:

### **1 High quality at a lower cost**

CEORA™ and Automower® robotic mowers allow you to have semi-roughs and fairways perfectly cut – at a much lower cost than conventional, service-heavy cylinder mowers. The same mower can operate both on semi-roughs and fairways.

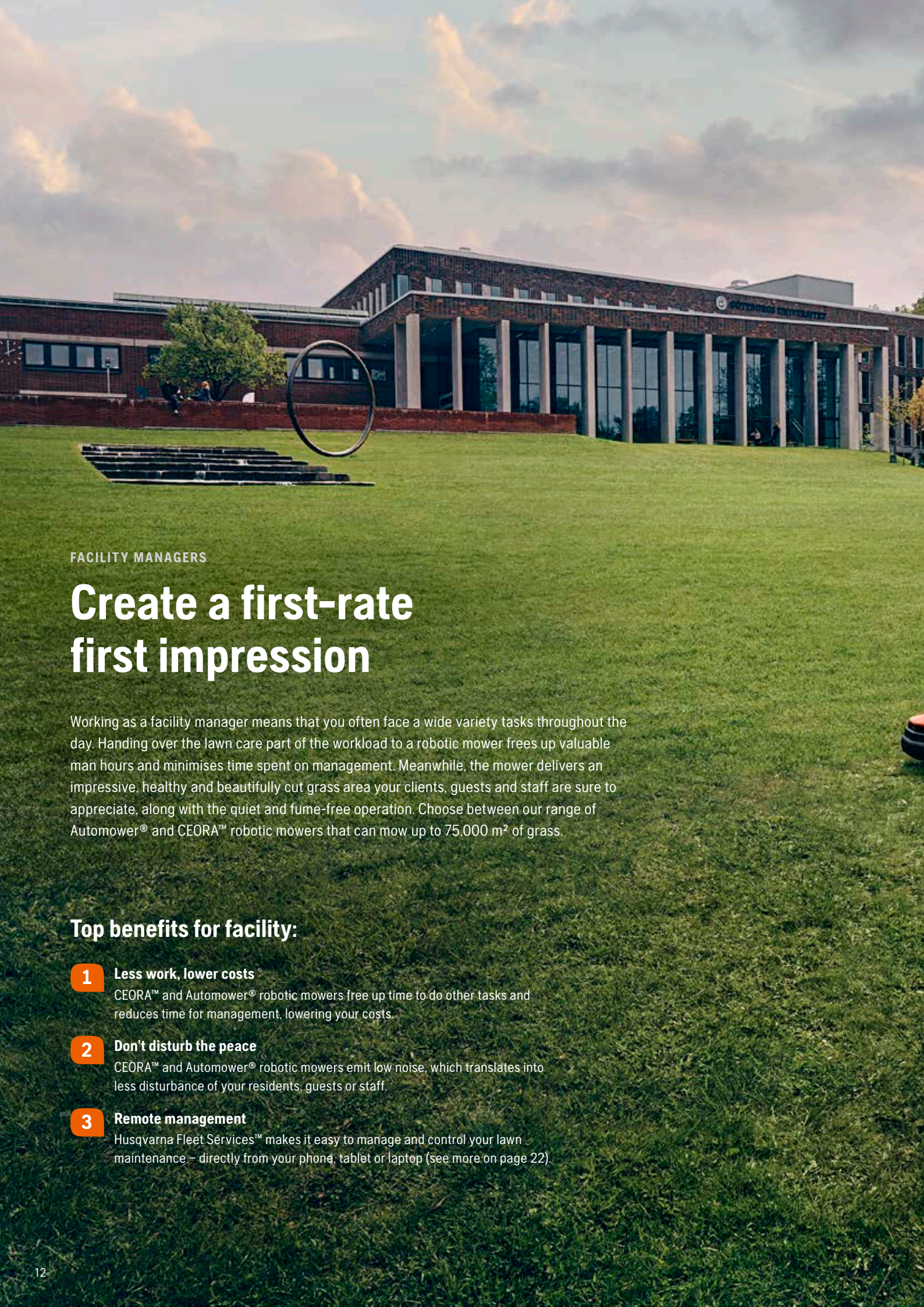
### **2 Extra time for other tasks**

They mowers can operate day and night and require minimal attention. This frees up personnel and valuable time for other important tasks around the course.

### **3 Gentler on the environment**

These battery-powered robotic solutions operate more quietly than conventional petrol- and diesel-powered machines. They also generate zero CO<sub>2</sub> emissions during use (see page 5).





## FACILITY MANAGERS

# Create a first-rate first impression

Working as a facility manager means that you often face a wide variety of tasks throughout the day. Handing over the lawn care part of the workload to a robotic mower frees up valuable man hours and minimises time spent on management. Meanwhile, the mower delivers an impressive, healthy and beautifully cut grass area your clients, guests and staff are sure to appreciate, along with the quiet and fume-free operation. Choose between our range of Automower® and CEORA™ robotic mowers that can mow up to 75,000 m<sup>2</sup> of grass.

## Top benefits for facility:

1

### Less work, lower costs

CEORA™ and Automower® robotic mowers free up time to do other tasks and reduce time for management, lowering your costs.

2

### Don't disturb the peace

CEORA™ and Automower® robotic mowers emit low noise, which translates into less disturbance of your residents, guests or staff.

3

### Remote management

Husqvarna Fleet Services™ makes it easy to manage and control your lawn maintenance – directly from your phone, tablet or laptop (see more on page 22).





“What our guests appreciate most about the robots is, above all, the silence.”

**Gunnar Björkman**

PARK MANAGER, ROYAL DJURGÅRDEN, SWEDEN



# Earn more by spending less time mowing

As a landscaper, you are often subject to restrictions and regional regulations regarding emissions and /or noise. Using several Automower® robotic mowers or one CEORA™ mower can take care of huge areas, delivering perfect results while helping you reduce your CO<sub>2</sub> footprint. This will also allow you to mow lawns at considerably lower costs per square metre. And it'll help free up man hours for more qualified and profitable jobs.

## Top benefits for landscapers:

### 1 Freshly mowed green spaces

You can rely on our range of autonomous solutions to deliver the exceptional quality your customers expect, in any conditions.

### 2 Freeing up man hours

CEORA™ and Automower® solutions free up personnel from time-consuming mowing. In addition, it's a great resource if you've got a shortage of workers during a peak in the season.

### 3 Remote management

Manage and monitor CEORA™ and Automower® mowers from anywhere with Husqvarna Fleet Services™ – directly from your phone, tablet, or laptop







"The benefits of the Automower® robotic mower are that it both gives us new customers and a reputation of using cutting edge technology in our industry. So far, we've only had positive, very good feedback. The demand for robotic mowers are constantly increasing. Every year we double the amount of installations."

**Daniel de Bruycker**

HEAD OF CUSTOMER SERVICES DELTOUR  
PAYSAGE, CAMBRAI, FRANCE



# Towards greener cities

A green city is a beautiful city. In most cities and urban areas, there are mandatory limits on emissions and pollution. Replacing your traditional fuel-powered mowers with solutions like CEORA™ and Automower® robotic mowers can help reducing your CO<sub>2</sub> emissions. The low equipment costs and minimal work involved, make it a good value solution for municipalities that are striving for lush, green grass areas, and long-term sustainable cities.

## Top benefits for municipalities:

1

### Attractive results

Give your parks and gardens a higher level of grass quality – at a lower cost. Loved by locals, visitors – and accountants.

2

### Keeping the peace

CEORA™ and Automower® robotic mowers operate at very low noise levels, allowing you to mow discreetly in both public and private areas.

3

### No direct emissions

Our autonomous solutions give off no direct fumes and zero CO<sub>2</sub> emissions during use, helping you meet your sustainability targets.







“We are able to keep the same number of employees and yet manage more and more areas as the city grows.”

**Sveinung Sviland**

MANAGING DIRECTOR, BYDRIFT,  
SANDNES KOMMUNE, NORWAY



WE GOT YOU COVERED

# Green results for all turf types

At Husqvarna, we recognise the need to provide a wide variety of flexible solutions for today's green space professionals. No matter the grass type, grass height, green space layout or elevation differences, CEORA™ and Automower® robotic solutions provide outstanding cutting results. For larger area coverage, CEORA™ allows for a huge scale-up of operations to meet increasing demands on time, grass quality and sustainability.

The Automower® models on the other hand, are more versatile for complex or sloped areas. Automower® 535 AWD can handle up to an impressive 70% (35°) of slope incline, while other models handle inclines of up to 45%.



**CEORA™ 546 EPOS™ + RZ 43M**    **CEORA™ 544 EPOS™ + RZ 43M**    **AUTOMOWER® 550 EPOS™**    **AUTOMOWER® 550**    **AUTOMOWER® 535 AWD**    **AUTOMOWER® 520 EPOS™**    **AUTOMOWER® 520**

**PERFORMANCE\***

Area capacity – Sports 24 (systematic/irregular), m <sup>2</sup>	25000/–	20000/–	5000/3500	–/3500	–/2500	2500/1700	–/1700
Area capacity – Standard 48 (systematic/irregular), m <sup>2</sup>	50000/–	40000/–	10000/5000	–/5000	–/3500	5000/2400	–/2400
Area capacity – Max 72 (systematic/irregular), m <sup>2</sup>	75000/–	60000/–	15000/6000	–/6000	–/4000	7500/3000	–/3000
Maximum slope capacity, inside / by edge, %	20/15	20/15	45/15	45/15	70/50	45/15	45/15

\*Variable due to grass type, soil, cutting height, lawn complexity and slope.





**CEORA™ – UP TO 25.000 M<sup>2</sup>**  
**AUTOMOWER® – UP TO 5.000 M<sup>2</sup>**

### **Sports 24 quality**

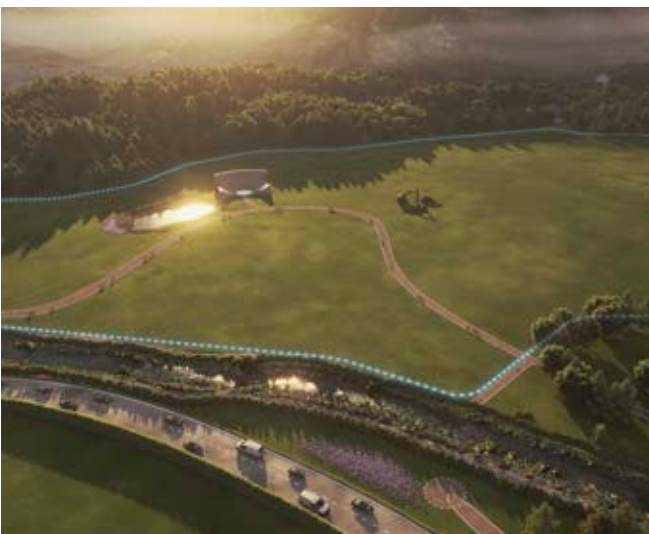
Everyday care of sports fields or golf course fairways at low cutting height. A well managed, lush, and high dense turf can be optimally mowed with CEORA™ or Automower® robotic mowers.



**CEORA™ – UP TO 50.000 M<sup>2</sup>**  
**AUTOMOWER® – UP TO 10.000 M<sup>2</sup>**

### **Standard 48 quality**

Every second day care of golf course roughs or facilities with high demands. Normal dense quality turf maintained at medium to high cutting height.



**CEORA™ – UP TO 75.000 M<sup>2</sup>**  
**AUTOMOWER® – UP TO 15.000 M<sup>2</sup>**

### **Max 72 quality**

Every third day care of green spaces with lower demands. Low dense quality turf maintained at high cutting height.



HUSQVARNA EPOS™ TECHNOLOGY

# Husqvarna EPOS™ – powered by endless possibilities

Our autonomous solutions feature Husqvarna EPOS™ (Exact Positioning Operating System). This breakthrough satellite-based technology enables working within virtual boundaries. It's an easy and flexible solution that's perfect for football fields, golf courses, city parks, or commercial properties. Best of all, the absence of physical boundary wires eliminates line breakages due to aerating or turf repair.

**VIRTUAL BOUNDARIES** You define virtual boundaries for your CEORA™ or Automower® mowers by using appDrive function in the mobile app. The robotic mower will then only cover the specific area you have instructed it to cut.

**CHARGING STATION** CEORA™ and Automower® mowers move autonomously towards the charging station to recharge when needed


**REFERENCE STATION** Husqvarna EPOS™ technology requires a fixed reference station. This allows high-precision positioning of the robotic mower, and handles signals between mower and satellite system.



**LEARN MORE**

Follow the link to find out more on how your operation can benefit from Husqvarna's EPOS™ technology for robotic mowers.





**NAVIGATION SATELLITES** Global navigation satellite system (GNSS) provides satellite signals for the robotic mower and the reference station, achieving down to centimeter level accuracy.

**TRANSPORT PATHS** Automower® and CEORA™ mowers moves between your work areas quietly and efficiently, on defined transport paths.

**MAINTENANCE POINT** When it's time to maintain and service your machine, you can use the app and the robotic mower will move automatically towards the pre-defined maintenance point.

**STAY-OUT ZONES** You can define temporary or permanent stay-out zones for your CEORA™ or Automower® mowers by using the appDrive function in the mobile app. This function instructs the robotic mower to avoid cutting certain areas.



“The installation of this robotic mower is very easy, since you don't need any boundary wire. It is GPS-controlled. It can be easily programmed, and the active time can be easily adjusted through the app. For example, if we want it to take a break when we have an event.”

### Matthias Oliniski

PARK MANAGER, PLANTEN UN BLOMEN,  
HAMBURG, GERMANY

### WIRE INSTALLATION

## Flexible and efficient lawn care with wires

For areas with physical obstacles that impede EPOS™ technology satellite signals, you can always opt for a boundary wire installation. For your convenience, the installation can be carried out by your Husqvarna dealer.





# The professional way to manage your autonomous mowers

When you invest in our commercial robotic mowers, you also get access to Husqvarna Fleet Services™ – a digital tool allowing you to easily monitor and control them from your smartphone, tablet or laptop. Just as easy as it should be.

**10-YEAR DATA PLAN INCLUDED**

## Connectivity with unlimited reach

When you acquire a Husqvarna commercial robotic mower, we include a 10-year data plan for cellular communication, so you can use Husqvarna Fleet Services™ throughout its product life. (Please note that we can only guarantee the functionality of the product itself, and not the uptime or coverage of the 3rd party data connection.)



### Smooth remote management

Manage your turf maintenance directly from your phone, tablet or laptop. The smooth and efficient way to a perfect cutting result with minimal disturbance for your clients or guests.



### Continuous operational insights

Evaluate short term during the season – get continuous operational insights to make sure that all robotic mowers run as smoothly as they should.

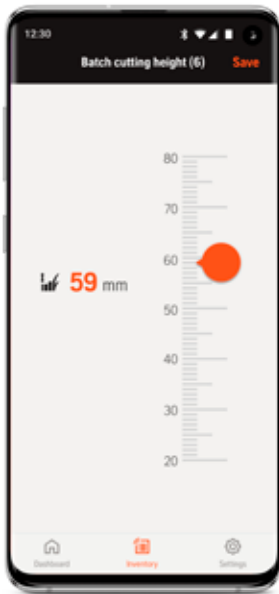


### Base your investments on facts

Evaluate long term at the end of the season – collect and analyse data on the season's results, as a base for decisions about the coming season.



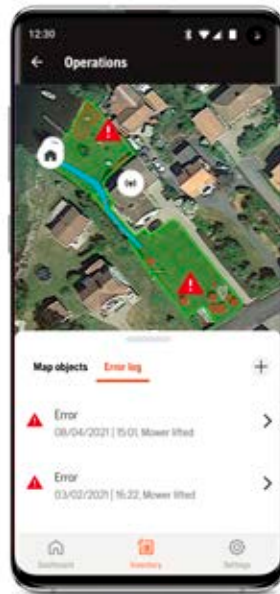




## REMOTE MANAGEMENT

### Convenient control from anywhere

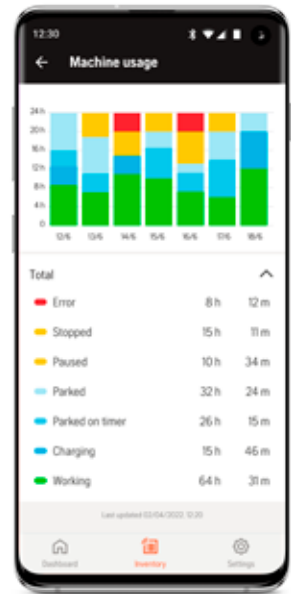
Perfect when you want to adjust the mowing schedule or cutting height, or park them before the storm arrives. And thanks to tagging, you can exert exact control over all your mowers, grouping them and issuing batch commands, directly from your smartphone app.



## VALUABLE INSIGHTS

### Make sure they all run as smoothly as they should

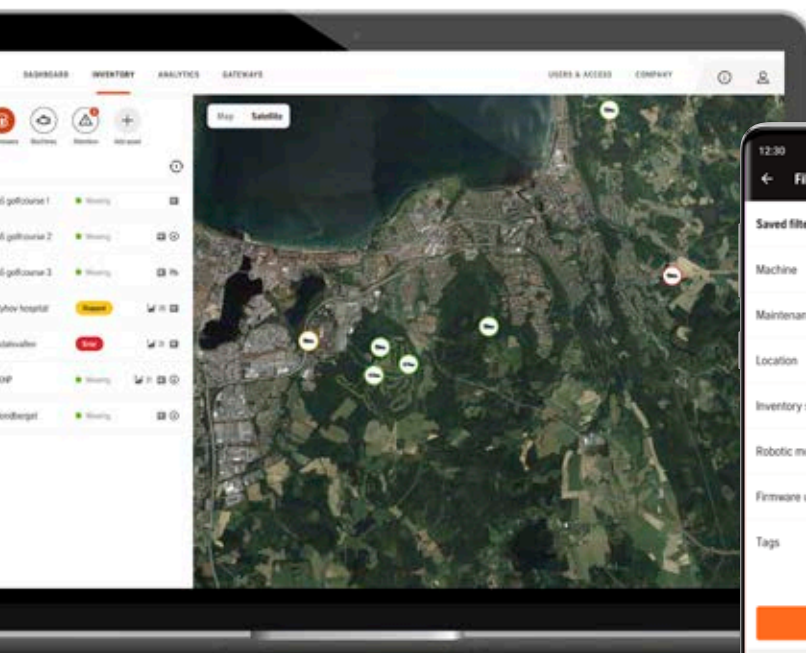
Should anything happen, such as an unexpected standstill for one mower, you'll immediately receive a notification to your phone. Information about where problems occur and how often, gives you valuable insights to continuously adjust and improve the installation.



## DETAILED INFORMATION

### Review the performance on a daily basis

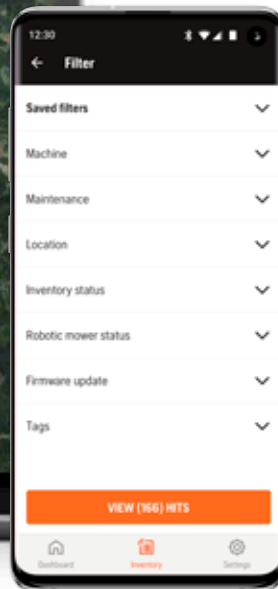
Through "Machine usage", you can review daily user data for more insights on whether unplanned stops occur too often or if the mower's size is appropriate for the work area. The info is summarised in an easy and accessible way, helping you make your fleet usage more efficient and productive.



## MAP VIEW

### Always keep track of exact locations

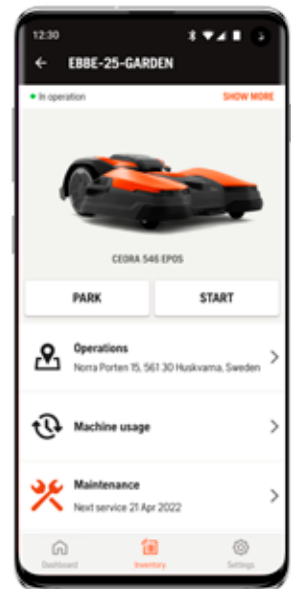
Want an overview of all your robotic mowers? Just check the map view. Thanks to the built-in GPS, you always know the exact location and status of every robotic mower. On the map you can select multiple mowers and issue a command to all mowers in a specific area at once.



## TAGS

### Group your mowers to handle them efficiently

For larger fleets of mowers, tags are a handy way of managing them. Different mowers can be "tagged" to different teams, or to different locations, and then grouped for easier handling.



## SERVICE REMINDERS

### Be notified when it's time for service

You can get service reminders based on actual operating time or calendar time, to make sure your equipment is always in great shape.



# Changing the game for large-scale turf care

CEORA™ is the next-generation solution for large-scale turf care from Husqvarna – a perfect addition for sports clubs and green space professionals. A modular system offering a cost-efficient solution with superb performance and reliability, CEORA™ systematically cuts larger spaces with superb results. It uses Husqvarna EPOS™ technology to create virtual boundaries for a hassle-free aeration.

## HIGH-PRECISION SYSTEMATIC MOWING

### Define your own large-scale cutting schedule

Cutting in parallel tracks means CEORA™ is super-efficient when managing football pitches or other large turf areas. You can also define work areas and set a schedule where various times and different cutting heights between 10 and 70 mm are specified. For example, one pitch could be set for a morning cut, and another for an afternoon cut at a lower height. You choose your own schedule via the Husqvarna Fleet Services™ app on your phone.

## ESSENTIAL FEATURES

### Remote object detection and warning lights

A large-scale autonomous solution like CEORA™ can cover a lot of ground during its daily work. It also mows quietly. Some features are therefore of the essence. Built-in sensors using ultrasonic technology helps the mower to detect objects, lowers the speed and avoid hard collisions, along with warning lights that can be used during operation and flash to indicate error messages.



**LEARN MORE**

To learn more about CEORA™ and its versatile capabilities, please visit [husqvarna.com/CEORA](https://husqvarna.com/CEORA)





#### TEMPORARY STAY-OUT ZONES

### Tell CEORA™ where not to go

Whether you are responsible for everyday turf care at a sports facility or a large common grass area, there will be times when you want the flexibility of being able to tell your machine where not to cut. With the EPOS™ technology you can create virtual stay-out zones, which can easily be activated and deactivated when required. Meanwhile, the rest of your grass is quietly cared for.



#### TRANSPORT PATHS

### The right route to work

CEORA™ carries out its work effectively, travelling on virtual transport paths from the charging station to the defined working areas. This allows for flexible placement of your charging station and guarantees an efficient route for CEORA™. There is also a function that allows for temporary parking at a specific maintenance point along the way.



#### MODULAR SYSTEM WITH DRIVE AND FRONT UNIT

### A combination adapted to your needs

CEORA™ is a modular system where you select the combination that suits your operation best. The split design consists of a drive unit and a front unit. The drive unit can be specified as CEORA™ 544 or CEORA™ 546, and the cutting deck as CEORA™ RZ 43M or CEORA™ RZ 43L. A charging station and reference station are also required, and are purchased separately.

#### FUTURE-PROOF WITH MULTI-CARRIER POSSIBILITIES

### Bring on the future

CEORA™ is a robotic mower first and foremost. But our vision is to accommodate long-term sustainable turf care in a multitude of ways. Hence, we designed an exchangeable front unit that can be adapted for other purposes in the future. There is also a rear accessory towing point on the drive unit, for future use.





#### CEORA™ HYPERCARE

### Convenient robotic installation

HyperCare is included with your CEORA™ purchase. To ensure a hassle-free start of your robotic journey, Husqvarna experts will install your CEORA™ as well as providing you and your team with extra support and basic training during the first 30 days of ownership.



#### APP-DRIVEN AUTONOMOUS SOLUTION

### Large-scale precision turf care at your fingertips

Using mobile technology to stay connected to operations is second nature these days. And you can control your autonomous solutions directly from your smart phone. Steering and defining cutting areas or changing your schedule is fast and simple. Husqvarna Fleet Services™ allows surveillance and map localization for full control and theft protection. Employing an app-driven robotic solution also cuts out the need to carry heavy equipment.



#### CUTTING DECK SERVICE POSITION

### Maintain a clean machine

Easy maintenance and handling of CEORA™ robotic mowers are made possible by an ergonomic cutting deck service position. This can be tilted for easy access, for example to exchange cutting discs. It is also hose-washable (IPX5), meaning that any member of staff can quickly and effectively maintain a clean machine.



#### ACTIVE WHEEL BRUSHES

### Keeping grass build-up at bay

When defining a large area for CEORA™ to work on, it's important to know that grass clippings won't accumulate and impede its progress. One of several practical accessories available is a set of active wheel brushes. These work constantly to reduce grass from collecting on the wheels and also contribute to creating the perfect lawn minus grass clumps. Machine traction is improved, while the lack of grass build-up helps to reduce any maintenance needed.



DRIVE UNIT

## CEORA™ 546 EPOS™



- up to 50.000 m<sup>2</sup>
- 20%
- 40 kg

Top-performance robotic model for large-area mowing, featuring Husqvarna EPOS™ technology. Systematic, high-precision cutting tailored for optimised flexibility within virtual boundaries. Handles very large areas such as multiple football fields, golf courses or large hotel, company or municipal facilities. Delivering a professional result on the turf.

- EPOS™ navigation with virtual boundaries
- FOTA – firmware over the air
- Systematic mowing of large areas
- Object avoidance
- IPX5 protected – hose washable
- Active wheel brush kit
- Husqvarna Fleet Services™
- Future proof with multi-carrier possibilities
- CEORA™ HyperCare service package

DRIVE UNIT

## CEORA™ 544 EPOS™



- up to 40.000 m<sup>2</sup>
- 20%
- 38 kg

High-performance robotic model for large-area mowing, featuring Husqvarna EPOS™ technology. Operates autonomously and systematically within virtual boundaries, allowing for flexible and hassle-free turf care. Delivering highly professional results for sports fields or larger facility areas.

- EPOS™ navigation with virtual boundaries
- FOTA – firmware over the air
- Systematic mowing of large areas
- Object avoidance
- IPX5 protected – hose washable
- Husqvarna Fleet Services™
- Future proof with multi-carrier possibilities
- CEORA™ HyperCare service package

CUTTING DECK

## CEORA™ RZ43M



- 68 cm
- 20–70 mm
- 34 kg

The tailor-made CEORA™ cutting deck, RZ 43M, features a cutting system with three blade discs. Totally 15 high-speed steel razor blades keep the turf at an excellent quality level. Easy maintenance and handling is possible thanks to an ergonomic and unique service position, meaning the cutting deck can quickly be tilted for easy access to exchange blade discs or for hose washable cleaning (IPX5 classified).

CUTTING DECK

## CEORA™ RZ 43L



- 68 cm
- 10–60 mm
- 35 kg

This low-cut CEORA™ cutting deck enables 10–60 mm cutting height, ideal for efficient maintenance of golf courses. The cutting system features three blade discs with totally 15 high-speed steel razor blades, keeping your fairways and semi-rough at an excellent quality level. Easy maintenance and handling thanks to the service position, providing easy and ergonomic access to exchange blade discs or for hose cleaning (IPX5 classified).



# Unbeatable results on green spaces and hills

Thanks to rugged design, our professional 500-series of Automower® robotic mowers can handle demanding, complex areas with market-leading performance on hilly terrain. Additionally, they deliver excellent performance and flexibility when working on football pitches, hotel and conference facilities, or park spaces. Besides tirelessly producing a perfectly cut lawn, Automower® robotic mowers improve the overall quality of the grass and help make it stronger and denser.



## TERRAIN / SLOPE PERFORMANCE

### Handles slopes as steep as up to 70 %

Some lawns are more difficult than others. Fortunately, Automower® robotic mowers offer market-leading performance in hilly terrain. Our latest all-wheel drive mowers are equipped to handle slopes of up to an impressive 70 % (35°) incline, whereas our other models easily handle inclinations of up to 45 %.

## DIFFICULT MOWING

### Automower® goes where you can't

The impressive slope performance of our all-wheel-drive mower is beneficial in a number of ways. The fact that it manages slopes of up to 70% means that you no longer need to handle it manually, something which is often unsafe for the operator. An Automower® 535 AWD robotic mower will deliver perfect results even here, with less need for manual mowing of steep slopes.



## WEATHER TIMER

### The faster it grows, the more it cuts

When the grass is wet, the Automower® robotic mower works just as well. In fact, thanks to the built-in weather timer, it mows more often when it has been raining and the grass is growing faster, than in dry weather when growth is slow. This ensures a consistent result regardless of season.



## THEFT AND COLLISIONS

### Designed to protect and be protected

The pro user interface protects your robotic mower from unauthorised tampering. In case of theft, the mower is instantly immobilized, the alarm sounds and the built-in GPS tracking is activated. Built-in sensors using ultrasonic technology helps the mower to detect objects, lowers the speed and avoid hard collisions, along with warning lights that can be used during operation and flash to indicate error messages. The pivoting blades quickly fold away if they should hit an obstacle, and are positioned at a distance from the outer edge.

## AUTOMATIC PASSAGE HANDLING

### Passes through passages as tight as 60 cm

The robotic mowers come equipped with a feature that detects narrow spaces, allowing them to pass through passages as narrow as down to 60 cm. This is especially useful when they need to reach inaccessible parts of the lawn, or quickly navigate their way to and from the charging station.



## IRREGULAR OR SYSTEMATIC MOWING

### Make your lawn look exactly as you want

Just push start and the mower will cover the whole lawn, even if its shape is complex and contains obstacles like trees, flowerbeds or passages. This allows grass to be cut from different directions, which creates a smooth and carpet-like surface. Thanks to the irregular cutting pattern and low weight, the mower doesn't leave any visible stripes or tracks. Alternatively, choose the systematic mode to make the mower work in straight, parallel patterns. This also increases the capacity.





**180°**  
TURNING RADIUS

**SMART STEERING AND ALL-WHEEL DRIVE**

**Superior manoeuvrability in rough terrain**

The design with two separated bodies and articulated steering, combined with powerful all-wheel drive, gives Automower® 535 AWD a better grip, especially on wet and slippery lawns. The design also ensures a job well done even in the roughest and bumpiest grass areas.



**GPS ASSISTED NAVIGATION**

**Quickly learning their way around the lawn**

The boundary-wired models, Automower® 520, 550 and 535 AWD models all feature built-in GPS, in addition to the guide wires. This allows them to create an internal map of the area so they know where they have been and where they should mow more to create an even lawn.

**CUTTING TECHNIQUE**

**Mowing and mulching – at the same time**

The professional Automower® robotic mowers are equipped with five pivoting Enhance HSS blades which are extremely durable and sharp. They expertly cut every blade of grass, resulting in clippings so fine that they don't need to be collected. Instead they provide a constant source of mulch, and since clippings contain a large amount of water, robotic mowed surfaces require less irrigation and almost no fertilization compared to conventionally mowed lawns



## Wireless models

### ROBOTIC LAWN MOWER

## AUTOMOWER® 550 EPOS™



Fully equipped robotic mower featuring Husqvarna EPOS™ technology with transport paths, appDrive and precise area management. With virtual boundaries you can define several work areas with different settings as well as set temporary stay-out zones. Handles turfs of up to 10000 m<sup>2</sup> (systematic pattern) and navigates narrow passages, obstacles, tough terrain and slopes up to 45 % with ease. Reference station required.

- EPOS™ navigation with virtual boundaries
- Systematic or irregular cutting pattern
- FOTA – firmware over the air
- Object detection
- Warning lights
- Husqvarna Fleet Services™ \*
- Charging station included
- Can be equipped with Automower® fairway kit for cutting heights down to 10 mm

### ROBOTIC LAWN MOWER

## AUTOMOWER® 520 EPOS™

NEW



Fully equipped robotic mower featuring Husqvarna EPOS™ technology with transport paths, appDrive and precise area management. With virtual boundaries you can define several work areas with different settings as well as set temporary stay-out zones. Handles turfs of up to 5000 m<sup>2</sup> (systematic pattern) and navigates narrow passages, obstacles, tough terrain and slopes up to 45 % with ease. Reference station required.

- EPOS™ navigation with virtual boundaries
- Systematic or irregular cutting pattern
- FOTA – firmware over the air
- Warning lights
- Husqvarna Fleet Services™ \*
- Charging station included

## Models with boundary wire

### ROBOTIC LAWN MOWER

## AUTOMOWER® 550



Fully equipped robotic mower designed for efficient fleet use. It handles complex turfs of up to 5000 m<sup>2</sup> and navigates narrow passages, obstacles, tough terrain and slopes up to 45 % with ease. It keeps turfs green, fresh and perfectly cut, maintains high speed in open areas and slows down when detecting objects.

- Wire installation with three guide wires
- GPS-assisted navigation
- Weather timer
- Object detection
- Husqvarna Fleet Services™ \*
- Charging station included

### ROBOTIC LAWN MOWER

## AUTOMOWER® 520



Robotic mower designed for efficient fleet use. It handles complex lawns of up to 2400 m<sup>2</sup> and navigates narrow passages, obstacles, tough terrain and slopes up to 45 % with ease. Its smart features keep lawns green, fresh and perfectly cut, while you have total control from the office.

- Wire installation with three guide wires
- GPS-assisted navigation
- Weather timer
- Husqvarna Fleet Services™ \*
- Charging station included

### ROBOTIC LAWN MOWER

## AUTOMOWER® 535 AWD



All-wheel-drive robotic lawn mower, developed for commercial applications. Specifically developed to handle tough terrain and deliver impressive slope performance (up to 70%). It makes light work of complex turfs of up to 3500 m<sup>2</sup> and navigates narrow passages. Its smart features keep turfs green, fresh and perfectly cut, while you have total control from the office.

- Wire installation with three guide wires
- Extreme slope/terrain performance
- GPS-assisted navigation
- Weather timer
- Object detection
- Warning lights
- FOTA – firmware over the air
- Husqvarna Fleet Services™ \*
- Charging station included

\* Requires a cellular connection from a local telecom operator. A data plan for the product life (10 years) is included. (Please note that we can only guarantee the functionality of the product itself, and not the uptime or coverage of the 3rd party data connection.)



# ACCESSORIES FOR HUSQVARNA ROBOTIC MOWERS



## EPOS™ RS5 REFERENCE STATION



The reference station manages the RTK-GNSS signals between the Husqvarna EPOS™ robotic mowers and the navigation satellites. Each station can handle numerous mowers. Work area up to 500-meter radius. To cover larger areas, multiple reference stations can operate in a network.

970 46 82-xx

€ 0.000

## EPOS™ ATTACHMENT KIT



Bracket for EPOS™ RS5. Dimension 300×250 mm, diameter 32 mm. For wall or mast Ø30–60 mm attachment. Steel.

534 97 19-01

€ 0.000

## CEORA™ CS4 CHARGING STATION



Recharges CEORA™ automatically and efficiently according to a programmed schedule. Full charging time 3–5 hours from empty.

970 46 81-01

€ 0.000

## CEORA™ CHARGING STATION SUPPORT PLATE



For installations of charging stations on soft, wet, or uneven ground. Provides extra traction as well as a stable and even surface to fit the charging station on.

535 42 31-01

€ 0.000

## CEORA™ CUTTING DISCS



Get an extra set of cutting discs for quick and hassle-free blade replacement on your CEORA™ cutting deck. Or upgrade your existing cutting deck for another cutting height setting. For CEORA™ RZ 43L and RZ 43M

Low-cut disc (10–60 mm), 536 93 09-01

€ 0.000

Mid-cut disc (20–70 mm), 536 32 62-01

€ 0.000

## CEORA™ ROUGH TERRAIN WHEELS



Improves traction on rough and sloping turfs, increasing the slope performance of your CEORA™ robotic mower by up to 5% depending on weather conditions and turf quality.

546 14 08-01

€ 0.000

## CEORA™ ACTIVE WHEEL BRUSH KIT



An active wheel brush start kit that helps keep grass away from the wheels of CEORA™ robotic mowers. This also improves traction and lowers the need for maintenance.

529 31 89-01

€ 0.000

## AUTOMOWER® SOLAR CHARGER

NEW



The solar panel charger with built-in battery provides an off-grid solution for commercial robotic installations. A great option in remote areas – for example golf courses – where power cables cannot be installed.

One panel, 547 15 79-xx

€ 0.000

Two panels, 547 15 86-xx

€ 0.000



## AUTOMOWER® BOUNDARY WIRE PRO



5.5 mm diameter extra-durable boundary wire for Automower® robotic mower installations. Suitable for areas with high demands on strength (due to rodent problems, high UV resistance demands etc.). The double insulation cable makes the wire very robust and less sensitive to scratches without affecting the electrical signal.

300 m, 593 29 77-02

€ 0.000

## AUTOMOWER® BOUNDARY WIRE HEAVY DUTY



A robust boundary wire for demanding Automower® robotic mower installations. 100 % copper core with isolated surface to minimise signal loss.

500 m, 522 91 41-02

€ 0.000

## AUTOMOWER® FAIRWAY KIT



Lowers the minimum cutting height by 10 mm. Makes it possible to mow the most demanding turfs, like golf course fairways and other low-cut turfs. Lower cutting height may have an effect on the area capacity.

Automower® 550 EPOS™/520 EPOS™,  
597 49 63-02

€ 0.000

## AUTOMOWER® WHEEL BRUSH KIT



Keeps the driving wheels clean to maintain improved traction.

Automower® 550 EPOS™/520 EPOS™/550/520,  
581 90 31-03

€ 0.000

Wheel brush refill, Automower® 550 EPOS™/  
520 EPOS™/550/520, 581 98 20-02

€ 0.000

Wheel brush refill, Automower® 535 AWD,  
505 13 28-03

€ 0.000

## AUTOMOWER® ROUGH TERRAIN KIT



Provides excellent traction on rough and sloping turfs. The slope performance of your Automower® robotic mower increases by up to 5%, depending on weather and turf quality.

Automower® 550 EPOS™/520 EPOS™/550/520,  
581 88 97-02

€ 0.000

## AUTOMOWER® REPLACEABLE TOP COVER



Change the look of your Automower® robotic mower by replacing the top cover.

Grey, Automower® 520, 591 49 60-01

€ 000

Grey, Automower® 550, 591 49 61-01

€ 000

Grey, Automower® 535 AWD, 596 30 00-01

€ 000

## ENHANCE HSS BLADES



Carbon steel blade with two cutting edges welded with high speed steel. Extra sharpness and longevity for use in tough grass areas. Suitable for Fairway kit. Standard on 43M/43L cutting decks. Fits all Automower® and CEORA™ robotic mowers.

45 pcs, 599 80 53-01

€ 0.000

300 pcs, 599 80 53-02

€ 0.000

Use only Husqvarna original blades. Tested and approved by Intertek (a Notified body), regarding safety, function, and noise levels in accordance with EN50636-2-107 and IEC60335-2-107.

## ENDURANCE HSS BLADES



High speed steel blades with carbon steel body and hardened edges for extra lifetime and robustness. Cuts with four sharp edges for improved cutting results. Fits all Automower® robotic mowers.

6 pcs, 599 80 52-01

€ 0.000

45 pcs, 599 80 52-02

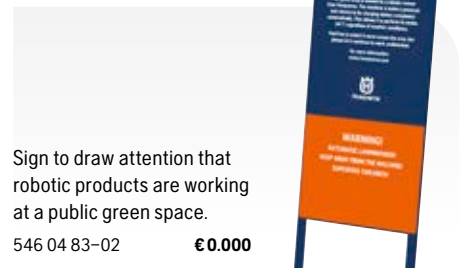
€ 0.000

300 pcs, 599 80 52-03

€ 0.000

Use only Husqvarna original blades. Tested and approved by Intertek (a Notified body), regarding safety, function, and noise levels in accordance with EN50636-2-107 and IEC60335-2-107.

## ROBOTIC SIGN



Sign to draw attention that robotic products are working at a public green space.

546 04 83-02

€ 0.000

TO SEE THE ENTIRE  
ACCESSORIES RANGE,  
PLEASE VISIT  
[HUSQVARNA.COM](http://HUSQVARNA.COM)



ROBOTIC MOWERS	CEORA™ 546 EPOS™ / RZ 43M + CS4	CEORA™ 544 EPOS™ / RZ 43M + CS4	CEORA™ 546 EPOS™ / RZ 43L + CS4	CEORA™ 544 EPOS™ / RZ 43L + CS4
<b>CUTTING DECK</b>	RZ 43M	RZ 43M	RZ 43L	RZ 43L
<b>PERFORMANCE*</b>				
Area capacity – Sports 24 (systematic/irregular), m <sup>2</sup>	25000/–	20000/–	24000/–	19000/–
Area capacity – Standard 48 (systematic/irregular), m <sup>2</sup>	50000/–	40000/–	48000/–	38000/–
Area capacity – Max 72 (systematic/irregular), m <sup>2</sup>	75000/–	60000/–	72000/–	57000/–
Area capacity per hour, excluding charging time, m <sup>2</sup> (systematic)	1800	1350	1800	1350
Maximum slope capacity, inside/by edge,%	20/15	20/15	20/15	20/15
<b>CUTTING SYSTEM</b>				
Cutting width, cm	68	68	68	68
Cutting height, min–max, mm	20–70	20–70	10–60	10–60
Height adjustment	Electric	Electric	Electric	Electric
Cutting system	3 blade discs, with 5 pivoting razor blades per disc	3 blade discs, with 5 pivoting razor blades per disc	3 blade discs, with 5 pivoting razor blades per disc	3 blade discs, with 5 pivoting razor blades per disc
Extra blades, pcs	45	45	45	45
<b>NAVIGATION</b>				
Boundary type	Wireless	Wireless	Wireless	Wireless
Navigation system	Systematic	Systematic	Systematic	Systematic
Automatic passage handling	Yes	Yes	Yes	Yes
Search system	EPOS™ Guidance	EPOS™ Guidance	EPOS™ Guidance	EPOS™ Guidance
<b>PRODUCT DATA</b>				
Sound level perceived, dB(A)**	72	69	72	72
Length × width × height, cm	124 × 108 × 44	124 × 108 × 44	124 × 108 × 44	124 × 108 × 44
Weight, kg	74	72	75	73
Speed, cm/s	100	75	100	75
Protection index (IP code)	IPX5 (Charging station IPX3)	IPX5 (Charging station IPX3)	IPX5 (Charging station IPX3)	IPX5 (Charging station IPX3)
Mean energy consumption at maximum use (kWh per month)	130	115	150	140
Power consumption during cutting, W	250	210	310	270
Battery type	Li-ion	Li-ion	Li-ion	Li-ion
Battery capacity, Ah	49	49	49	49
Battery voltage, V	36	36	36	36
Charging system	Automatic	Automatic	Automatic	Automatic
Charging current, A	12.0	12.0	12.0	12.0
Mains cable, m	3	3	3	3
<b>CONTROL</b>				
Husqvarna Fleet Services™	●	●	●	●
Automower® Connect	●	●	●	●
Husqvarna EPOS™ technology	●	●	●	●
Pro user interface/app	●	●	●	●
Precise area management	●	●	●	●
FOTA – firmware over the air	●	●	●	●
<b>SAFETY AND SECURITY</b>				
Object detection	●	●	●	●
Object avoidance	●	●	●	●
Warning lights	●	●	●	●
GPS theft tracking	●	●	●	●
Anti-theft alarm	●	●	●	●
PIN code lock	●	●	●	●
Lift sensor	●	●	●	●
Collision sensor	●	●	●	●
Tilt sensor	●	●	●	●
<b>EQUIPMENT</b>				
EPOS™ Reference station	(●)	(●)	(●)	(●)
CS4 Charging station	(●)	(●)	(●)	(●)
Active wheel brushes	●	(●)	●	(●)
Terrain wheel	(●)	(●)	(●)	(●)

● = Included (●) = Accessory \*Area capacity is variable due to grass type, soil, cutting height, lawn complexity and slope. \*\*Sound level perceived is measured according to ISO 11094:1991.



ROBOTIC MOWERS	AUTOMOWER® 550 EPOS™	AUTOMOWER® 550	AUTOMOWER® 535 AWD	AUTOMOWER® 520 EPOS™	AUTOMOWER® 520
<b>PERFORMANCE *</b>					
Area capacity – Sports 24 (systematic/irregular), m <sup>2</sup>	5000/3500	–/3500	–/2500	2500/1700	–/1700
Area capacity – Standard 48 (systematic/irregular), m <sup>2</sup>	10000/5000	–/5000	–/3500	5000/2400	–/2400
Area capacity – Max 72 (systematic/irregular), m <sup>2</sup>	15000/6000	–/6000	–/4000	7500/3000	–/3000
Area capacity per hour, excluding charging time, m <sup>2</sup> (systematic)	300	–	–	175	–
Maximum slope capacity, inside/ by edge,%	45/15	45/15	70/ 50	45/15	45/15
<b>CUTTING SYSTEM</b>					
Cutting width, cm	24	24	22	24	24
Cutting height, min–max, mm	20–60	20–60	30–70	20–60	20–60
Height adjustment	Electric	Electric	Electric	Electric	Electric
Cutting system	5 pivoting razor blades	5 pivoting razor blades	5 pivoting razor blades	5 pivoting razor blades	5 pivoting razor blades
<b>NAVIGATION</b>					
Boundary type	Wireless	Wire	Wire	Wireless	Wire
Navigation system	Systematic/Irregular	Irregular	Irregular	Systematic/Irregular	Irregular
Automatic passage handling	Yes	Yes	Yes	Yes	Yes
GPS-assisted navigation	–	Yes	Yes	–	Yes
Search system	EPOS™ Guidance	3 guide wires	3 guide wires	EPOS™ Guidance	3 guide wires
<b>PRODUCT DATA</b>					
Sound level perceived, dB(A)**	65	67	60	61	61
Length× width×height, cm	72× 56×32	72×56×31	93× 55×29	72× 56×32	72×56×31
Weight, kg	14.4	13.5	17.0	14	13.3
Speed, cm/s	65	65	60	42	42
Protection index (IP code)	IPX4 (Charging station IPX1)	IPX4 (Charging station IPX1)	IPX4 (Charging station IPX1)	IPX4 (Charging station IPX1)	IPX4 (Charging station IPX1)
Mean energy consumption at maximum use (kWh per month)	24	23	24	18	17
Power consumption during cutting, W	35	35	40	30	30
Battery type	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Battery capacity, Ah	10.0	10.0	5.0	3.2	3.2
Battery voltage, V	18	18	18	18	18
Charging system	Automatic	Automatic	Automatic	Automatic	Automatic
Charging current, A	7.0	7.0	7.0	2.2	2.2
Low voltage cable (m)	10	10	10	10	10
<b>CONTROL</b>					
Husqvarna Fleet Services™	●	●	●	●	●
Automower® Connect	●	●	●	●	●
Husqvarna EPOS™ technology	●	–	–	●	–
Pro user interface/app	●	●	●	●	●
Precise area management	●	–	–	●	–
Weather timer	●	●	●	●	●
Park button on charging station	–	●	●	–	●
FOTA – firmware over the air	●	–	●	●	–
<b>SAFETY AND SECURITY</b>					
Object detection	●	●	●	–	–
Warning lights	●	–	●	●	–
GPS theft tracking	●	●	●	●	●
Anti-theft alarm	●	●	●	●	●
PIN code lock	●	●	●	●	●
Lift sensor	●	●	●	●	●
Collision sensor	●	●	●	●	●
Tilt sensor	●	●	●	●	●
<b>EQUIPMENT</b>					
EPOS™ Reference station	(●)	–	–	(●)	–
Charging station	●	●	●	●	●
Solar panel charging	(●)	(●)	(●)	(●)	(●)
Fairway kit	(●)	–	–	–	–
Wheel brushes	●	●	(●)	●	●

● = Included (●) = Accessory \* Area capacity is variable due to grass type, soil, cutting height, lawn complexity and slope. \*\*Sound level perceived is measured according to ISO 11094:1991.



SERVICES BY HUSQVARNA

# A partnership you can rely on

When you choose Husqvarna you're not just investing in innovative, professional equipment. You're getting a partnership that supports you and your business every step of the way. See how Services by Husqvarna make it easy to lease and own modern, highly efficient and reliable products for outstanding results and more peace of mind. Opening new possibilities to maximise the cost efficiency and uptime of your business – making every day smoother and more productive. As we see it, that's what a successful partnership is all about.



READ MORE

For more information on how Services by Husqvarna applies to your specific market, please visit [husqvarna.com/ProfessionalServices](https://husqvarna.com/ProfessionalServices)

	HUSQVARNA LEASE PLUS	HUSQVARNA SERVICE PLUS	HUSQVARNA WARRANTY PLUS
Product to use	✓	X	X
Installation*	✓	X	X
Insurance incl. theft protection	✓	X	X
Repairs	Repairs	Repairs	Warranty repairs
Emergency loaner**	✓	✓	✓ <sub>w</sub>
Yearly maintenance*	✓	✓	X
Seasonal storage***	✓	✓	X
Software updates	✓	✓	X
Genuine blades	Seasonal need/start****	Seasonal start*****	X
Time period	3 or 5 years	3 or 5 years	+ 4 years

\*To ensure the validity of your Service by Husqvarna package, installation and yearly service must be performed by an authorised dealer.

\*\*Limited to selected Husqvarna partners.

\*\*\*Seasonal storage is not available on all markets. Check with your Husqvarna dealer.

\*\*\*\*CEORA™, seasonal need, 300 blades/year, Husqvarna Enhance HSS Blades. Automower®, seasonal start, 6 blades/year, Husqvarna Endurance HSS Blades.

\*\*\*\*\*CEORA™, seasonal start, 45 blades/year, Husqvarna Enhance HSS Blades. Automower®, seasonal start, 6 blades/year, Husqvarna Endurance HSS Blades.

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