

## PRODUCT OVERVIEW

## Husqvarna Automower iQ Series





#### No Wires Req'd

All iQ mowers are boundary wire free

- Coverage that matters three mowers to cover almost all residential customer's
   needs from ¼ Acre 2 Acre's of coverage
- NEW EPOS Reference Station included with ALL mowers!
- \*NEW AWD BWF launching with iQ series (cut height 1.2" 2.8")
- Wired install support models support wired install's where necessary.



#### **MSRP**

410 iQ: \$2,999.99 (4,199.99 CAD) 420 iQ: \$3,499.99 (4,899.99 CAD) 440 iQ: \$4,299.99 (5,999.99 CAD) 435 iQ AWD: \$4999.99 (6,599.99 CAD)

#### **All Cut System**

1" – 4" Cut height\*

for use on ALL grass

types

#### Superior Design

Optimized to tackle hard surface transitions

New







Multi Surface



## **New Product Overview**



#### **Key product benefits**

USP and/or key selling points	Features that build these up
Robust wire free installation and flexible area management.	Boundary wire free installation
Expanded cut height range from 1' – 4"	"All Cut"
Detection and avoidance of objects on the lawn, creating precise cutting and reduces the risk of unplanned stops.	Object Detection & Radar Odometry

#### **New Product Objectives**

- Secure continued leadership on the market by offering our customers a premium product and user experience.
- Wire free installation option for the Residential suburban customer with a yard up to 2.0 Acre's
- New functionality like "All-Cut" for the expanded cut height range & "Point Perfect" to eliminate the need of a reference station

#### **Product Detail**

Commercial Reference	Automower® 410 iQ, 420 iQ & 440 iQ
Product Category & Sub-Group	Residential NA, Robotics (LRL_C)
Factory/Country of Manufacture	Aycliffe / UK
PNC	970727401(410), 970727501(420), 970727601(440)
Replaces / New	Will replace 415X, 430X/H, 450X/H, 450X/H EPOS
Variants (if appl)	-
IRP	\$2999 (410), \$3499 (420), \$4299 (440)
End Target Customer	Suburban PGE & Convenience Seeker
Most Common Applications	Maintenance cutting of lawn
PM Contact (Name)	Scott Porteous
Key Dates (samples/SOP/SSG):	MP Unit Feb '25, SOP Unit Mar'25, SSG Apr. '25.

#### **Initial Specifications (NOT FINAL)**

Specification	410 iQ, 420 iQ, 440 iQ
Max working area	0.5 Acre, 1 Acre, 2.0 Acre's
Slope Performance	45%
Work area definition	Virtual boundary RTK
Cutting height main disc.	1" – 4"
Cutting height adjustment	Electric
Connectivity	BlueTooth+Cell+WiFi
Object avoidance	Yes (Radar)
Zone Control	Yes
Hose washable IPx5	Yes



## **Lightning Round**

#### **EPOS Module**



Radar



**尚**Husqvarna<sup>\*</sup>



**Reference Station** 

#### **Automower Access HMI**







**Improved Carry** 

Old 400 Series to be phased out (while supplies last)



**AM 435 iQ AWD** \$4 999 AM 450X/H EPOS





**AM 420 iQ** \$3 499



WIRED Installs Only



**AM 410 iQ** \$2 999

AM 430X/H \$2,499

\$2,999

**AM 435X AWD** 

AM 415X \$1 999

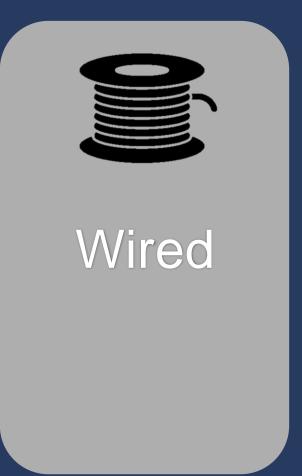
 ½ Acre
 ½ Acre
 3/4 Acre
 1 Acre
 1.25 Acre's

ice



## Multiple Boundary Options for iQ Mowers





## Why RTK (EPOS) and not just GPS?

Typical GPS accuracy is only accurate to about 6 feet.





Positioning satellites are very far away! Their signals are susceptible to interference from the atmosphere.











## **EPOS Components**

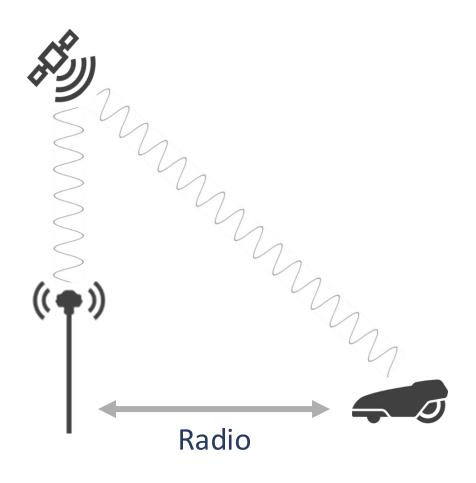
# What does the reference statio do?



**尚**Husqvarna<sup>\*</sup>

Think of the Reference Station like a Nascar Spotter. Its taking in all the information from the satellites and distilling it down to useful data for the mower to use. The key difference here is that the reference station doesn't know where the mower is!

## What does the reference station actually do?



**Both** the reference station AND the mower talk to the satellites

Being stationary allows the reference station to track the satellite distortion.

The reference station does some complex calculations to generate a "correction factor."

This correction factor "focuses" the mower's satellite signals down to 2cm accuracy

## **EPOS Limitations**

- EPOS cannot perform under heavy tree cover
  - Reference station
  - Mowers will struggle close to buildings
  - Especially systematic boundary passes



Both yards pictured here would be best installed as wired-only.

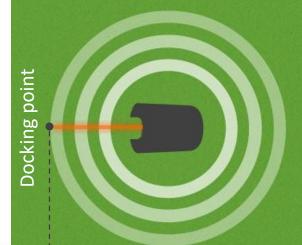


Needs Support By Wire.



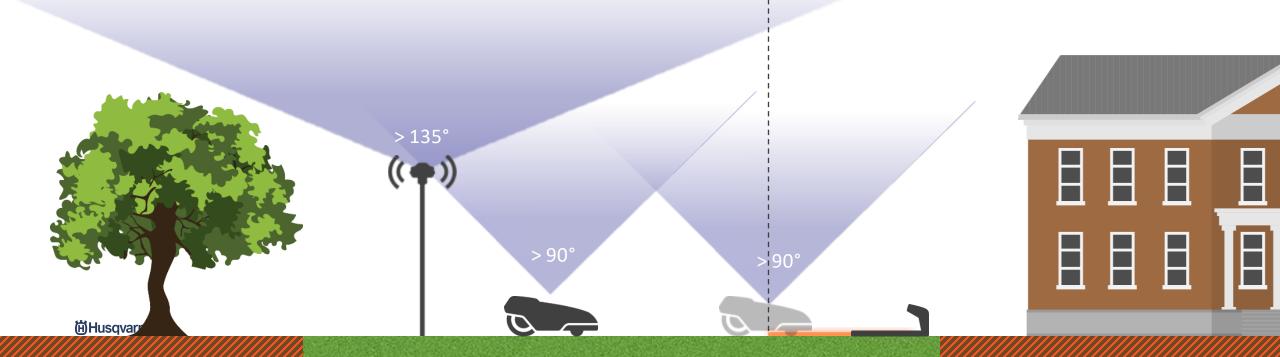
## **Optimal Installation Practices**

Husqvarna EPOS is optimized for installations in open areas. This is because the mower, the docking point and the reference station must all have an unimpeded sky view. This requires the virtual boundary to be placed an appropriate distance from buildings and other obstacles.

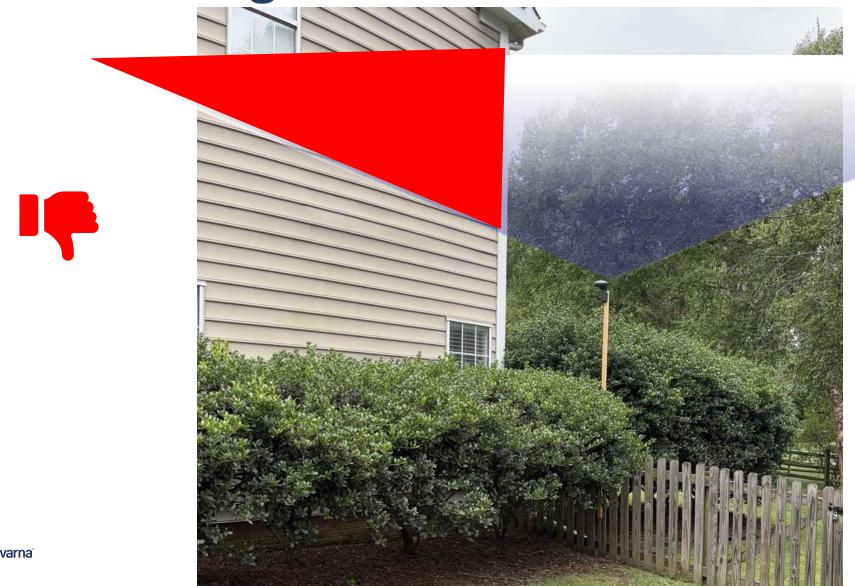


#### **TOP VIEW**

When the mower reaches the docking point, it turns off the EPOS-navigation, and it no longer needs a view of the sky. The docking process is done by using the F/N-field from the charging station.



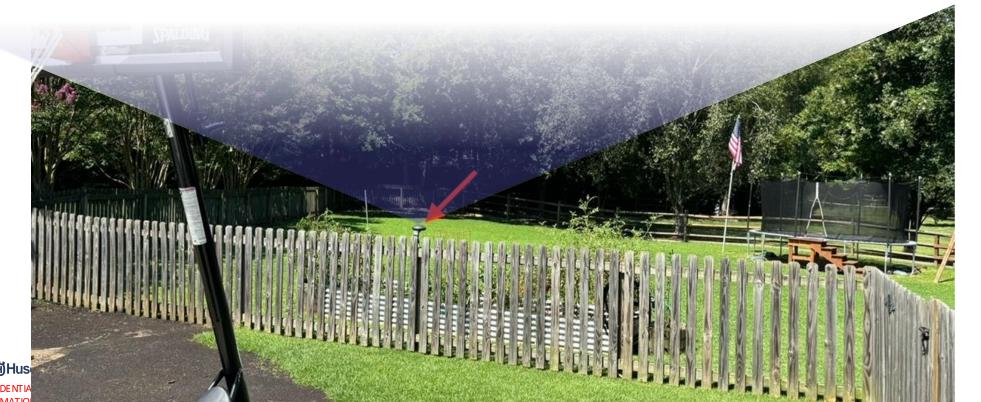
# Clear view of the sky is the most important factor of a good reference station install!



**CONFIDENTIAL** 

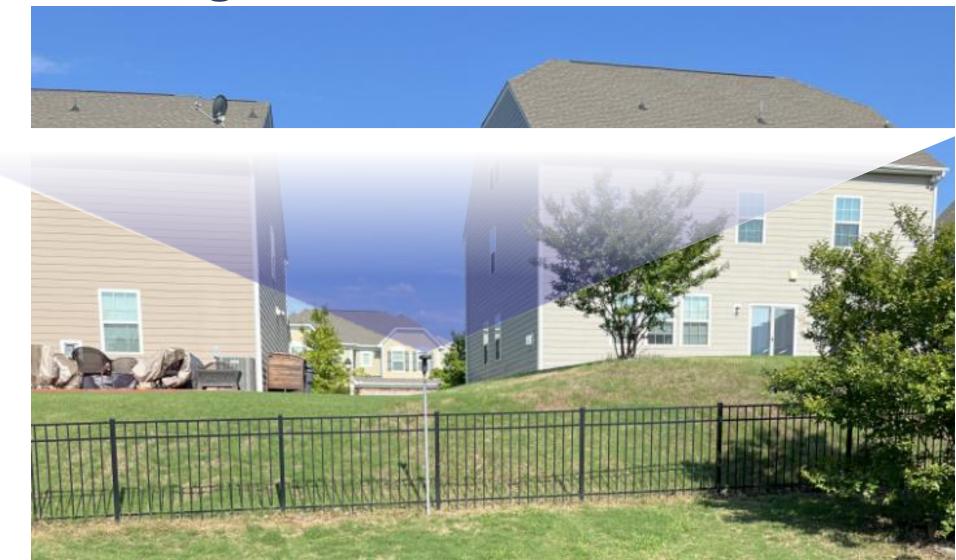
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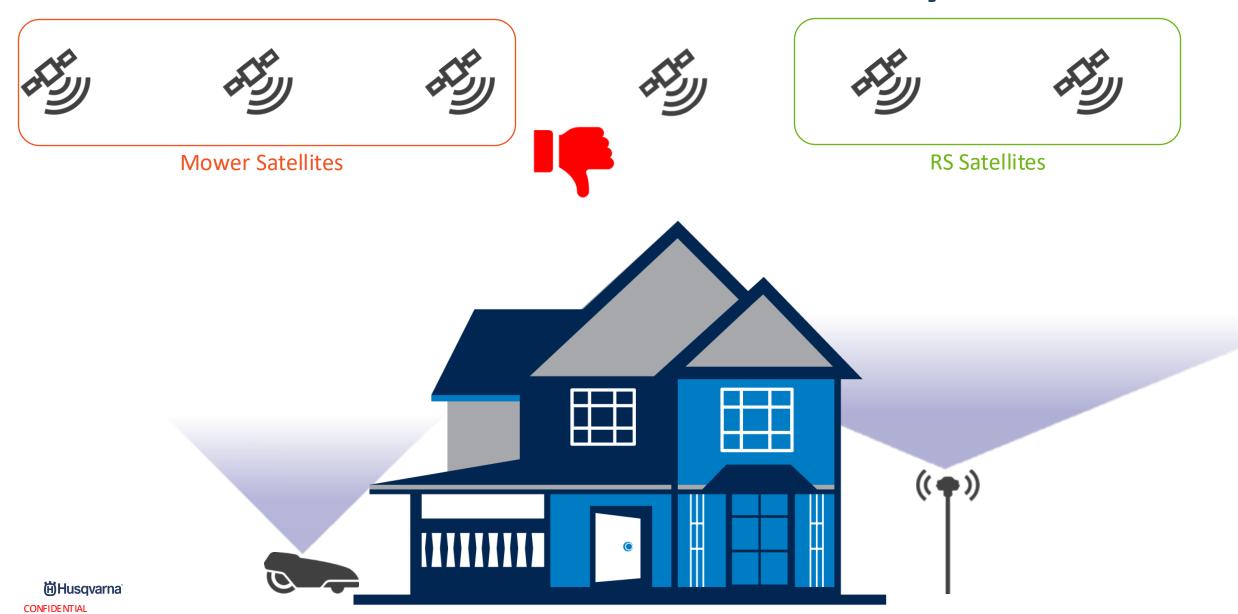
# Clear view of the sky is the most important factor of a good reference station install!





CONFIDENTIAL

## Mower and RS need to see the SAME sky



## Mower and RS need to see the SAME sk

Line of sight not always necessary!



Mower Satellites RS Satellites





## Mower and RS need to see the SAME sky



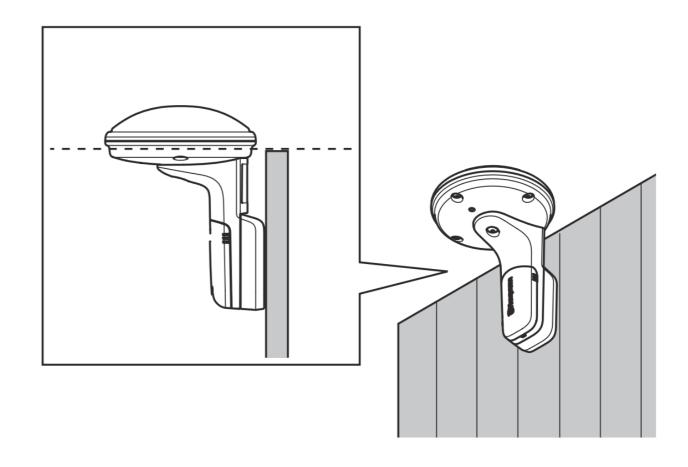
**RS Satellites** 







## **RS1 Mounting Best Practice**



Its critical when mounting the reference station to ensure that the "dome" is

## More Installation Examples!



Pole mounted in middle of back yard along fence line, at least 20+ feet away from a two-story house.

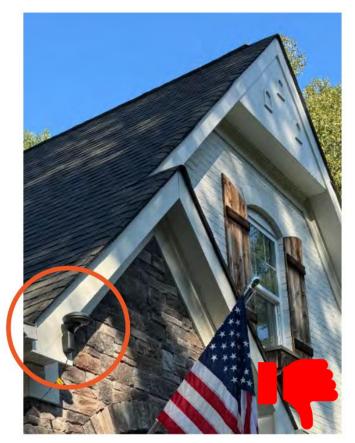


On roof utilizing existing Satellite TV mount. Raised to give plenty of clearance.

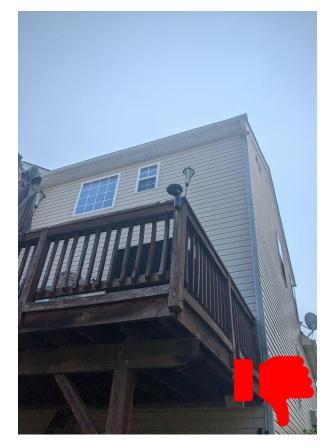


On side of house using a Satellite/Star Link mount to ensure that dome is above the roof line.

## More Installation Examples!



Mounted on the house, but too LOW to be useful. Dome of RS1 should be ABOVE the edge of the Musqvarna building.



Edge of RS1 above deck railing, but too close to the house. The house blocks too much of the signal.



of the sky, much of the signal will still be blocked by the house. The peak of the house would be better.

## **EPOS Support by Wire**

#### What is it?

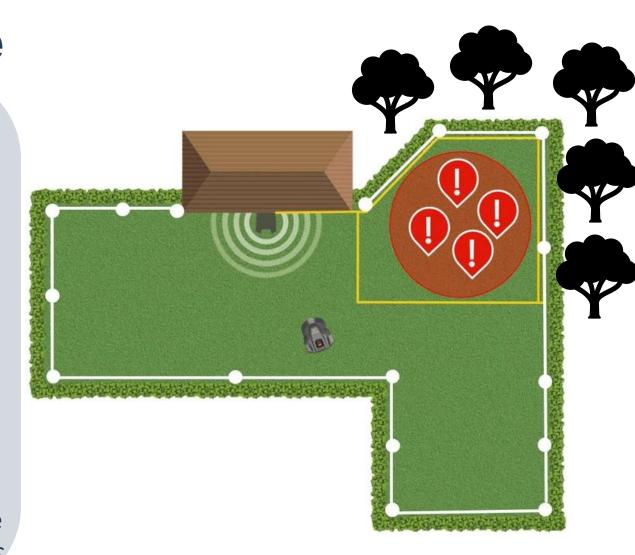
 New feature allowing user to help an EPOS mower continue working in areas with weak satellite.

#### How does it work?

- Entire yard must first be mapped with EPOS
- Wire loops added to areas with intermittent satellite coverage

#### What is it NOT?

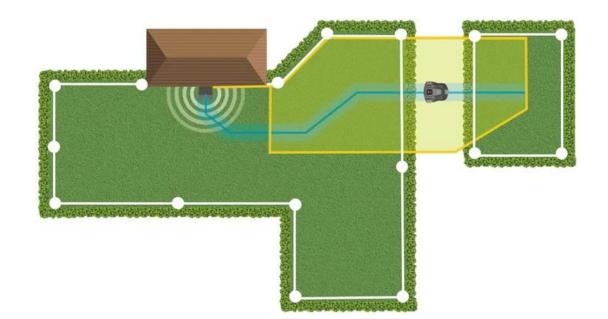
• This does not allow for wired areas outside of the EPOS maps. You MUST be able to create the EPOS map first for support by wire to ever work.



## When to use Support by Wire

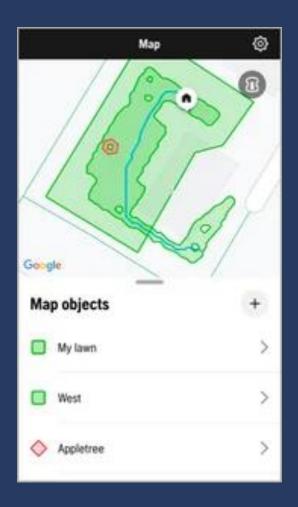


- Tight areas between houses
- Tree coverage throughout the yard
- Supporting transport paths through covered areas



## Don't forget about wires!

- AIM
- 3 guide wires each
- NOT hybrid
- Installation material not included
- Advanced obstacle avoidance –
  ideal for tight installs with heavy tree
  coverage

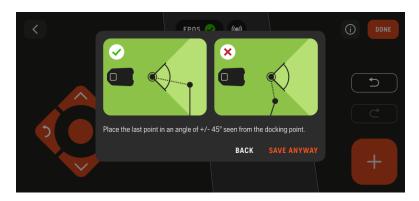


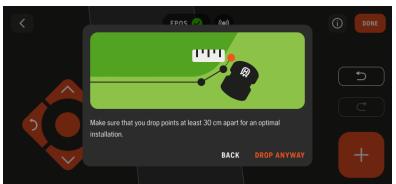


## AUTOMOWER CONNECT APP

## **EPOS** news in Automower Connect

#### Validations when creating a map object

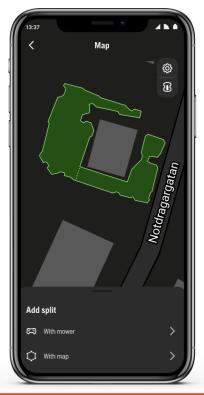




#### Zone handling in the map (NOTE – DRAFT!)







Provide possibility to divide an area into zones.

Provide possibility to create stay-out zones directly in the map



## **MONITOR/CONTROL - Mower View**

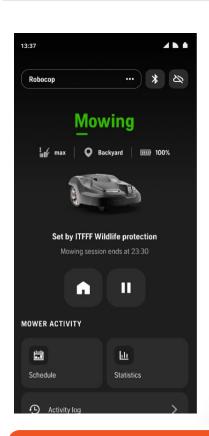
#### 2024

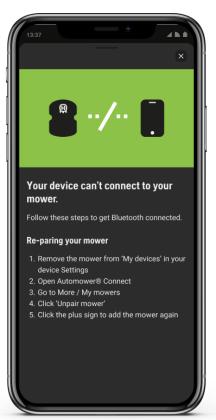
 Help and guidance when user has lost connection

#### 2025

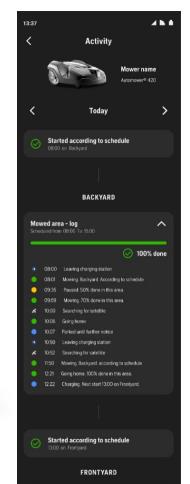
- Activity log updated every
  hour for user to be able to
  monitor what the mower has
  been doing during the day.
- Updated statistic view with more information and help to understand the data.

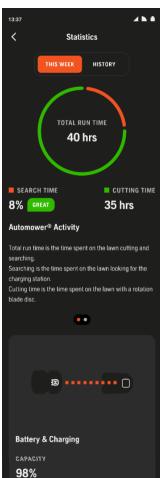
Activity log / Statistics (NOTE - DRAFT!)





Help to understand what to do when connection is lost







## **LEARN/UNDERSTAND-Explore**

#### 2024

- Easy to see what is relevant for you as a consumer.
- Qualitative content to help consumer succed with their mower and their lawn.
- Data driven messages for more personilized experience.

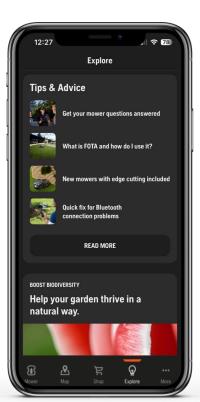
#### 2025

• Messages to individual consumers, or consumer groups when they need to act in some way for the system to work as expected.

Explore 2024



Hero content to focus on what's most important right now



Groups of messages for better overview



PT for Lawn Care content

## **SMART SETTINGS – Smart Scheduling**

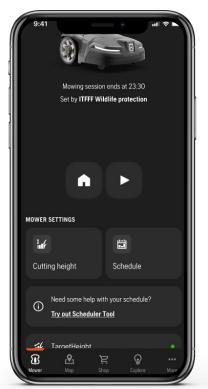
#### 2024

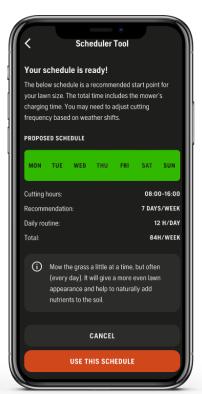
 Schedule assistance taking size of lawn and capacity of your mower into consideration.

#### 2025

- Set optimal schedule for users with a mix of work areas and different mowing patterns.
- Automate scheduling when conditions change.

Scheduler Tool





Scheduler tool setting a schedule based on amount of hours needed for your mower to mow your lawn.

Smart Scheduling (DRAFT!)



A smart schedule view that optimizes schedule for best result when conditions change.

**尚Husqvarna** 

# LEASE PROGRAM

## **Husqvarna Lease Plus**



## **Program**

#### **LOW FIXED MONTHLY PAYMENTS**

Payments are less than 0% when compared to purchase financing

#### **EASY BUDGETING**

Fixed operating expenses. No additional expenses. Products under warranty.

#### LATEST AND GREATEST

New equipment every three years keeps you on the job and out of the shop.

#### **ACCOUNTING**

May qualify for off-balance sheet and provide extra business benefits



#### LEASE DETAIL

Operational lease agreement.

Repairs & cutting equipment included.

#### **ELIGIBLE EQUIPMENT**

**CEORA** 

500 Series Commercial Automower 400 Series Residential Automower

#### **LENDERS**

Trusted finance partners with years of equipment finance experience

#### **LEASE LENGTH**

36-Month standard term Additional options available

### Customer



## Benefits LEASE PLUS

## ONE PAYMENT. ONE PARTNER. ONE SOLUTION.



#### ONE PAYMENT. NO HIDDEN COSTS.

With Lease Plus, commercial landscape contractors have easy access to premium products. Limited up-front costs reduces barriers and gives commercial customers the tools they need to maximize their business potential. One monthly payment means budgeting has never been easier.

#### Maximum Uptime

#### **NEW EVERY THREE.**

New equipment keeps commercial landscape contractors in the field and out of the shop. Lease Plus provides commercial customers with access to new and innovative turf care products utilizing the latest technology and takes the guesswork out of when to replace assets.



#### Asset Management

#### All-INCLUSIVE SOLUTION.

Lease Plus takes the pain out of managing assets. With the service component built in, you won't need a purchase order the next time you visit your dealer reducing administration time and saving you money. As an all-inclusive solution, the program takes care of equipment management, service, cutting equipment, and budgeting in one business-friendly package.

### **How Does it Work?**





#### **Exploration**

- Landscape contractor inquires with their dealer about implementing robotics into their business
- Dealer does site assessment(s) and provides a proposal
- Dealer explains acquisition options
  - Landscaper can lease one or an entire fleet for a low monthly fee using Husqvarna Lease Plus



#### **Application**

- Dealer connects the landscaper with a Husqvarna finance partner
- Landscape contractor applies for credit
- Once approved, the landscaper signs the Lease Plus contract
- Dealer services and installs the fleet of Automowers
- Dealer is paid in full for the fleet by Husqvarna's finance partner



#### **Support**

- The dealer provides the landscaper with their annual supply of blades
- Landscaper receives alerts from Husqvarna when it is time for maintenance
  - Dealer performs annual maintenance activities
- If a unit repair is needed, the dealer performs repairs to get the unit back to work



#### Renewal

- Landscaper is happy with the service they receive so they sign a new Lease Plus contract at the end of the term
- Dealer replaces Automowers with new models when new Lease Plus term begins
- Husqvarna ensures the machines are reconditioned and given a second life



<sup>\*\*</sup>Dealer is reimbursed for parts and labor by Husqvarna for blades, maintenance, and repairs\*\*

### **Lease Plus Residential Robotics**



## **Pricing**

AUTOMOWER ® 410 iQ

AUTOMOWER ® 435 iQ AWD

AUTOMOWER ® 420 iQ

AUTOMOWER ® 440 iQ

EPOS™ RS1
REFERENCE
STATION











Mowing capacity	in
24-hour period	

Up to .5 acres

Up to 1.25 acres

Up to 1 acres

Up to 2 acres

-

**MSRP** 

\$2,999.99

\$4,999.99

\$3,499.99

\$4,299.99

Included

#### **Lease Plus Price**

#### **Includes:**

- Equipment
- Service
- Maintenance

#### **Starting at:**

\$139

Per month\*

#### **Starting at:**

\$209

Per month\*

#### Starting at:

\$159

Per month\*

#### **Starting at:**

\$179

Per month\*

<sup>\*</sup>Price reflects 36-month lease with a service contract. Prices do not include applicable taxes.

## **Lease Plus Commercial Robotics Pricing**



	AUTOMOWER ® 520/H EPOS ™	AUTOMOWER ® 535 AWD EPOS	AUTOMOWER ® 550/H EPOS ™	CEORA ™
Mowing capacity in 24-hour period	Up to 1.25 acres	Up to .9 acres	Up to 2.5 acres	Up to 18 acres
MSRP	\$3,299.99	\$4,999.99	\$5,299.99	\$32,829.94
Lease Plus Price Includes:	Starting at: \$149 Per month*	\$209 Per month*	\$199 Per month*	Starting at: \$999 Per month*

<sup>\*</sup>Price reflects 36-month lease with a service contract. Prices do not include applicable taxes.

## COMPETITOR SLIDES

## **Biggest BWF Competition 2024**

#### **MANUTION**



- 1/4 Acre 2.5 Acres
- \$2,099 \$4,099
- Cut Height: 1.0" 2.7" 2.2" 4.0"
- Slope Handling: 80%
- RTK & Vision

### **MANUTION**



- 0.36 Acre 0.5 Acres
- \$1,599 \$1,899
- Cut Height: 1.0" 4.0"
- Slope Handling: 45%
- RTK & Vision
- Bagger Accessory included separately.





- 1/8 Acre 1/4 Acres
- \$999 \$1,299
- Cut Height: 2.0" 3.6"
- Slope Handling: 30%
- RTK & Vision

High Cut

All Cut

High Cut



## Automower 410 iQ











	<b>H</b> Husqvarna <sup>®</sup>	WORX	TORO.	<b>MALTION</b>	Kress <sup>®</sup>	
					Mission RTKn	
Model	Automower 410 iQ	WR230	Haven RM1	Luba 2 AWD 3000	KR172	
MSRP (USD)	\$2,999	\$2,999	Unknown	\$2,499	\$3,299	
Max Capacity	0.5 Acre	0.75 Acre	0.75 Acre	0.75 Acre	0.70 Acre	
Recommended Capacity	0.5 Acre	0.75 Acre	0.75 Acre	0.75 Acre	0.30 Acre	
Navigation	RTK GPS (EPOS)/ Systematic	Vision/Random	Vision/Random	RTK GPS/	RTK GPS/	
				Systematic	Systematic	
RTK Support/Obj. Detection	Radar	Vision	Vision	Vision	Ultrasonic	
Cut Hoight	1" - 4"	1.5" - 3.5"	0.75" - 3.25"	1" - 2.7" or	1.57" - 3.54"	
Cut Height	1 - 4	2.2"		2.2" - 4.0"	1.57 - 5.54	
Slope	45%	30%	Unknown	80%	40%	
Connected	Cellular/WiFi/BLE	WiFi/BLE	Cellular/WiFi/BLE	Cellular/WiFi/BLE	Cellular/WiFi	
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## Automower 420 iQ











	<b>尚</b> Husqvarna <sup>®</sup>	WORX	TORO	<b>MANATION</b>	Kress <sup>®</sup>			
					Mission RTKn			
Model	Automower 420 iQ	WR235	Haven RM1S	Luba 2 AWD 5000	KR173			
MSRP (USD)	\$3,499	\$3,499	Unknown	\$2,899	\$4,199			
Max Capacity	1.0 Acre	1.0Acre	1.25Acre	1.25 Acre	1.25 Acre			
Recommended Capacity	0.75 Acre	1.0Acre	1.25Acre	1.25 Acre	0.75 Acre			
Navigation	RTK GPS (EPOS)/	Vision/Random	Vision/Random	RTK GPS/	RTK GPS/			
Navigation	Systematic	Vision/Nandom	Vision/Nandom	Systematic	Systematic			
RTK Support/Obj. Detection	Radar	Vision	Vision	Vision	Ultrasonic			
Cut Hoight	1" - 4"	1.5" - 3.5"	0.75" - 3.25"	1" - 2.7" or	1.57" - 3.54"			
Cut Height	1 - 4	1.5 - 3.5 0.75 - 3.25		2.2" - 4.0"		2.2" - 4.0"	1.57 - 5.54	
Slope	45%	30%	Unknown	80%	40%			
Connected	Cellular/WiFi/BLE	WiFi/BLE	Cellular/WiFi/BLE	Cellular/WiFi/BLE	Cellular/WiFi			





## Automower 440 iQ



尚Lucavarna<sup>®</sup>







	<b>ш</b> Husqvarna	HUSQValma greenworks		<b>Kress</b>	
			Luba 2 AWD	Mission RTKn	
Model	Automower 440 iQ	AiConic	10000	KR174	
MSRP (USD)	\$4,299	Unknown	\$4,099	\$5,199	
Max Capacity	2.0 Acre's	2.5 Acre's	2.5 Acre's	1.75 Acre's	
Recommended Capacity	1.5 Acre's	2.5 Acre's	2.5 Acre's	1.0 Acre's	
Navigation	RTK GPS (EPOS)/	RTK GPS/	RTK GPS/	RTK GPS/	
	Systematic	Systematic	Systematic	Systematic	
RTK Support/Obj. Detection	Radar	Vision	Vision	Ultrasonic	
Cut Height	1.0" - 4.0""	Unknown	1" - 2.7" or	1.57" - 3.54"	
	1.0 - 4.0	OTINITOWIT	2.2" - 4.0"	1.57 - 5.54	
Slope	45%	Unknown	80%	40%	
Connected	Cellular/WiFi/BLE	Unknown	Cellular/WiFi/BLE	Cellular/WiFi	
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