



Kress Maison
2026 Collection

Kress 



OFFICIAL LANDSCAPING EQUIPMENT



Contents



RTK ⁿ technology	6
RTK ⁿ range	12
EyePilot [®] RTK ⁿ range	16
EyePilot [®] 4x4 RTK ⁿ range	20
Accessories	26
App	28
Warranty	29



From the world's finest courses
to your retreat

**Commercial grade
mowing at home**

From championship fairways to your backyard, Kress technology brings the same precision, reliability, and professional finish trusted by the world's top golf courses.



“With Kress, we've been able to take it around the side of dunes, down into hollows. It never gets stuck, never have an issue with it.”

Thomas Peters, greenkeeper at the
Royal Portrush Golf Club



RTKⁿ

The satellite-guided robot mower that requires no antenna on your property

NO boundary wire

For nearly 30 years, the only way to keep a robot mower inside its working area was with a powered wire.

NO beacons

Say goodbye to complicated setups—no need for additional equipment like beacons to position your mower.

NO antenna

Conventional RTK systems work with an antenna installed on your roof or lawn.

How it works

Your mower

From smaller areas to expansive zones, there's a Kress RTKⁿ model built for you.



Your lawn

Expect your best lawn ever, with fresh-cut stripes every single day.



Our network

Each antenna of our exclusive network covers any number of lawns within an up to 37.3 mi radius area.





Daily fresh-cut stripes: your lawn's new signature

Kress RTKⁿ mowers follow a parallel line pattern. The result? Beautifully aligned stripes that make your lawn a neighbourhood showpiece. Every single day.

“ We were losing a person for a whole day every week just for mowing. Now we have the mowers autonomously starting at about 3am in summer. When we get in, it's basically done. **”**

Danny Britten, Head Gardener at the Westminster Abbey

Neighbor's grass always greener? Not anymore

Turf experts agree: frequent mowing is the most crucial step for improving your lawn's health and visual charm. Don't have time? Kress does it daily.

Mowing efficiency, redefined

Kress systematic cutting in parallel lines allows a single mower to manage up to 1.5 acre.

Greener landscapes

Kress robotic mowers significantly lower the carbon footprint of any property, from private homes to commercial facilities, fostering greener and more enjoyable living and working environments.



What if there's poor satellite signal?

Even when satellite signals are weak or blocked by trees, Kress mowers stay precisely on course. The new V-SLAM system uses sensor fusion with inertial navigation and odometry to ensure continuous, accurate operation until full satellite connection resumes.

“ I immediately saw that it was the right solution for the hotel. I didn't hesitate to adopt it, replacing the previous system. I am already considering using Kress RTK[®] robotics in other facilities as well. “

Four Seasons Hotel Firenze

Guided by satellites, precision perfected

Kress's exclusive network of base station antennas delivers accurate correction data to each individual mower, ensuring pinpoint accuracy for every blade of grass.

Inertial navigation

Inertial navigation, or dead reckoning, uses motion sensors to calculate an object's position, velocity, and orientation without external references like GPS. It's critical when such references are unavailable but is prone to cumulative errors. Accuracy depends on sensor precision and the algorithms used.



Agility meets precision

Kress Obstacle Avoidance System (OAS) ensures the mower navigates with precision around each challenge the terrain presents.

Dual-layer razor blades

Engineered on separate planes, the blades effortlessly manage high-density and overgrown grass.

Master of complexity

Guided by satellites, Kress excels at navigating complex landscapes and follows even the most tortuous paths from one turf area to another.

Auto-leveling blade system

The floating blade deck automatically adjusts to uneven terrain, ensuring a consistent cut while preventing turf scalping.



RTKⁿ range

Redefining precision in lawn care with Kress RTKⁿ technology, the Kress robotic lawn mower introduces satellite-guided centimeter-level accuracy without the need for any property specific stationary antennas.

1.25-acre Kress RTKⁿ

KR174



Cutting capacity (48h)	1.25 acre
Cutting width	8.7 in
Cutting height	1.57 - 3.54 in
Battery capacity	20 V 6.0 Ah
Average mowing time per charge	85 min
Charging time	72 min
Max. incline	40% / 22°
Double layer blades	√



0.75-acre Kress RTKⁿ

KR173



Cutting capacity (48h)	0.75 acre
Cutting width	7.9 in
Cutting height	1.57 - 3.54 in
Battery capacity	20 V 4.0 Ah
Average mowing time per charge	60 min
Charging time	90 min
Max. incline	40% / 22°



0.5-acre Kress RTKⁿ

KR172

Cutting capacity (48h)	0.5 acre
Cutting width	7.9 in
Cutting height	1.57 - 3.54 in
Battery capacity	20 V 4.0 Ah
Average mowing time per charge	60 min
Charging time	180 min
Max. incline	40% / 22°



0.25-acre Kress RTKⁿ

KR161

Cutting capacity (48h)	0.25 acre
Cutting width	7.9 in
Cutting height	1.57 - 3.54 in
Battery capacity	20 V 4.0 Ah
Average mowing time per charge	60 min
Charging time	180 min
Max. incline	40% / 22°





Fusion of Vision AI and RTKⁿ precision

The integration of Kress EyePilot® Vision AI with RTKⁿ sets a new standard in autonomous mowing technology, delivering industry-leading intelligence, commercial-grade precision, and reliable performance in any environment.



**No boundary wire,
no antennas**

No antenna on your property. Each antenna of our exclusive network ensures extensive coverage covering every mower in a large region.

**Consistent accuracy
under shadow**

Powered by RTKⁿ enhanced with V-SLAM, it achieves all-time centimeter-level accuracy even under shadow, ensuring no spots missed or stopping.

**Smart obstacle
avoidance and
self-rescue**

EyePilot[®] understands what it sees and decides when to keep a safe distance, trim close, or cut through — and rescues itself when getting stuck.

**Multiple mapping
options**

Whether through hands-free AI-assisted auto mapping, or professional dealer mapping via the mapping cart, you map your lawn your way.

Minimal uncut edges

Thanks to ZeroTrim technology, it auto-trims edges down to 0-0.8 in, eliminating the need for manual follow-up trimming and ensuring a flawless finish.

EyePilot[®] RTKⁿ range

Kress EyePilot[®] RTKⁿ delivers commercial-grade performance in lawn care. With centimeter-level accuracy from RTKⁿ technology, ultimate edging by ZeroTrim, and V-SLAM-enhanced reliability in shaded areas, it ensures consistently unmatched quality. Powered by advanced EyePilot[®] technology, it offers seamless navigation and unrivaled obstacle recognition. With outstanding efficiency, it maintains larger areas in less time.

1.5-acre Kress EyePilot[®] RTKⁿ

KR276

NEW

Cutting capacity	1.5 acre
Cutting width	9.4 in
Cutting height	1.57 - 3.54 in
Battery capacity	20 V 10.0 Ah
Average mowing time per charge	120 min
Charging time	70 min
Max. incline	40% / 22°
Camera	Stereo
ZeroTrim	✓
Drive type	Rear-wheel drive
Height adjustment	Electronic
24/7 Anti-theft protection	✓



0.5-acre Kress EyePilot[®] RTKⁿ

KR272

NEW

Cutting capacity (24h)	0.5 acre
Cutting width	8.7 in
Cutting height	1.57 - 3.54 in
Battery capacity	20 V 6.0 Ah
Average mowing time per charge	75 min
Charging time	95 min
Max. incline	40% / 22°
Camera	Stereo
ZeroTrim	✓
Drive type	Rear-wheel drive
Height adjustment	Electronic
24/7 Anti-theft protection	✓



Engineered for every terrain

Kress EyePilot® 4x4 RTKⁿ masters complex lawns, from steep slopes and uneven ground to intricate layouts. It delivers superior traction, consistent cut quality, and exceptional turf protection in all conditions.





84% (40°)

Ultimate slope conqueror

Kress 4-wheel drive conquers up to 84% (40°) slopes with ease, ensuring reliable mowing even on the steepest terrain. It also delivers precise lateral stripes without slipping.



Smooth turns without grass damage

The TurfSteer system enables smooth turns with no grass damaged, and maneuvers through tight and intricate layouts with no spots missed.

All-terrain passability

The central shaft design keeps all four wheels grounded, ensuring a balanced and stable mowing on all terrains. Uneven, soft, or rough — always in control.



Minimal uncut edges

Thanks to ZeroTrim technology, it auto-trims edges down to 0 – 0.8 in, eliminating the need for manual follow-up trimming and ensuring a flawless finish.



EyePilot® 4x4 RTKⁿ range

Engineered for extremes, EyePilot® 4x4 RTKⁿ delivers unmatched slope-climbing power and precise lateral mowing. Its TurfSteer system enables seamless and grass-friendly turns, while the robust central-shaft design ensures balanced and confident tractions across all terrains.

1.5-acre Kress EyePilot® 4x4 RTK ⁿ		KR286
Cutting capacity	1.5 acre	
Cutting width	9.4 in	
Cutting height	1.57 - 3.54 in	
Battery capacity	20 V 10 Ah	
Average mowing time per charge	90 min	
Charging time	70 min	
Max. incline	84% / 40°	
Camera	Stereo	
ZeroTrim	✓	
Drive type	4-wheel drive	
Height adjustment	Electronic	
24/7 Anti-theft protection	✓	

NEW



1-acre Kress EyePilot® 4x4 RTK ⁿ		KR284
Cutting capacity (24h)	1 acre	
Cutting width	9.4 in	
Cutting height	1.57 - 3.54 in	
Battery capacity	20 V 6.0 Ah	
Average mowing time per charge	55 min	
Charging time	60 min	
Max. incline	84% / 40°	
Camera	Stereo	
ZeroTrim	✓	
Drive type	4-wheel drive	
Height adjustment	Electronic	
24/7 Anti-theft protection	✓	

NEW



0.5-acre Kress EyePilot® 4x4 RTK ⁿ		KR282
Cutting capacity (24h)	0.5 acre	
Cutting width	8.7 in	
Cutting height	1.57 - 3.54 in	
Battery capacity	20 V 6.0 Ah	
Average mowing time per charge	60 min	
Charging time	95 min	
Max. incline	84% / 40°	
Camera	Stereo	
ZeroTrim	✓	
Drive type	4-wheel drive	
Height adjustment	Electronic	
24/7 Anti-theft protection	✓	

NEW





Accessories

Accessories for superior mowing performance

Enhance your robotic mower's performance with our range of accessories, designed to deliver superior efficiency, exceptional turf quality, and long-lasting durability for every task.

Accessories

Standard replacement blades **KA0001**



Pcs 12
Compatible with KR161, KR17X^[1]
KR27X^[2], KR28X^[3]

Long life replacement blades **KA0007 / KA0017**



Pcs 12 / 240
Compatible with KR161, KR17X^[1]
KR27X^[2], KR28X^[3]

Kress RTKⁿ garage **KA0112**

A durable, reliable, and stylish solution to protect your robotic mower from various weather conditions.



Compatible with KR161, KR17X^[1]

Kress EyePilot[®] RTKⁿ garage **KA0114**

NEW

A durable, reliable, and stylish solution to protect your robotic mower from various weather conditions.



Compatible with KR27X^[2], KR28X^[3]

Wheel brush kit **KA0174**

Remove grass clippings to improve climbing ability.



Compatible with KR161, KR17X^[1]

Wheel brush refill Kit (3 pairs) **KA0333**

NEW

Refill Kit for wheel brush to remove grass clippings.



Compatible with KR27X^[2], KR28X^[3]

All terrain wheels **KA0224**

NEW

Enhances climbing ability for optimal performance on uneven lawns.



Compatible with KR161, KR17X^[1]
KR27X^[2]

[1] KR17X includes models KR172, KR173, and KR174 [2] KR27X includes models KR272 and KR276 [3] KR28X includes models KR282, KR284, and KR286

App



Full Control at Your Fingertips

Stay connected with your robotic mower at all times. Receive real-time updates on mowing sessions and schedules to ensure your lawn care is always on track and running smoothly.

Customizable Maps and Zones

Easily create, edit, and manage mowing maps, adjust charging stations, and set up multiple working zones. Assign specific robots to each zone for efficient coverage. Customize the schedule of each zone based on your preferred days and times.

Flexible Scheduling

Modify working hours and days directly from the app to adapt to your needs. Make real-time adjustments to ensure your mower operates exactly when and where it's needed.

Maison is the ultimate robotic lawn mower management app that ensures you are in control of your mower at all times.

Always be updated on mowing sessions and on your robot's schedule.

Create new maps, edit them and manage charging stations.

Change working hours and days according to your needs, so you're always in control.

Setup multiple working zones and assign different robots to them.

Connect RTKⁿ to your chosen zone via a preset which you can edit according to the day and time span you need.



Google Play and the Google Play logo are trademarks of Google LLC. App Store is a trademark of Apple Inc., registered in the U.S. and other countries and regions.

Warranty information

Robotics

Mowers & Chargers
Batteries

Commercial use

2+1 Year
1 Year

Legal disclaimer

Technical information, specifications, and product availability subject to change without notice. No liability can be accepted for printing errors. Illustrations, figures, photos, and tool colours may vary slightly due to production or as a result of our program of continuous product improvements. Always stay in control of your robot with Maison app.

For more information visit
www.kress.com

Copyright © 2026, Positec tool corporation.
All rights reserved.



Kress 

**From the world's finest courses
to your retreat**

The same technology trusted by championship venues, iconic landmarks, and luxury resorts now cares for your lawn.

With Kress, the artistry of world-class turf care comes home — where every blade of grass reflects quiet perfection, and every moment in your garden feels like an escape.

Your Kress dealer

Kress
www.kress.com