

RTKⁿ robotic mowers

Kress robotic turfcare
for sports facilities

2026 Edition



Kress® 



OFFICIAL LANDSCAPING EQUIPMENT



Real Madrid's Official Partner

Chosen by the world's most decorated football club, Kress maintains the landscape of Ciudad Real Madrid — the club's state-of-the-art training facility. This partnership reflects Real Madrid's commitment to innovation and sustainability.





The unmanned turfcare solution

For facilities using ride-on rotary mowers, Kress provides a professional alternative with measurable benefits.

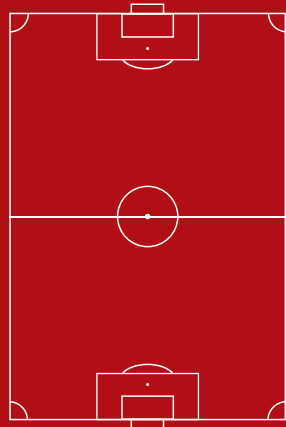
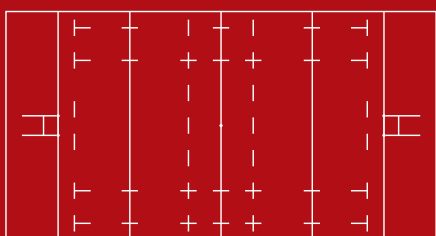
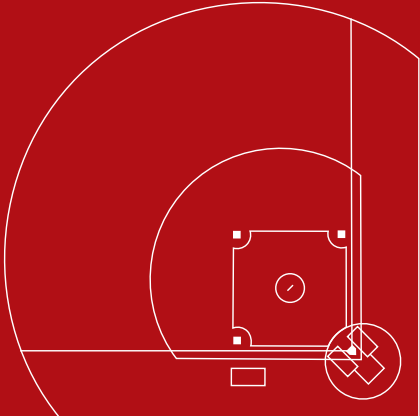
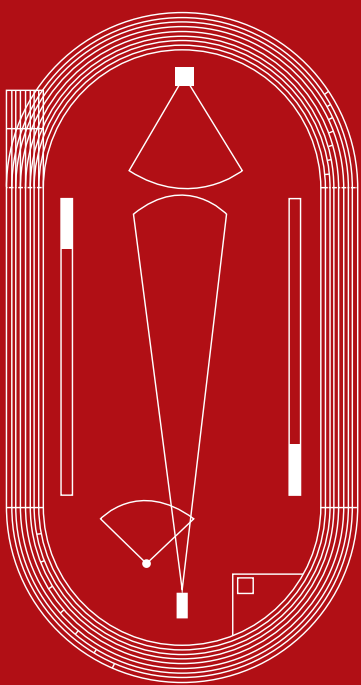
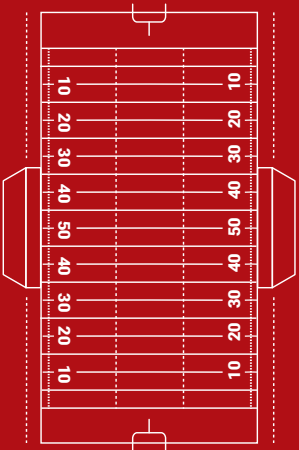
Bring turf science to your pitch

Kress RTKⁿ mowers improve turf quality, cut emissions, reduce labour and fuel costs, and help prevent costly turf renovations.

**Healthy turf,
better play**

Consistent mowing improves shoot density, reduces thatch, and strengthens the turf. The result? Faster ball roll, better traction, and fewer disruptions in play.





**Every sport.
Every field.**

Kress unmanned mowers deliver professional-grade turf maintenance across all playing surfaces.

Game-ready pitches overnight

With a capacity of up to 22,000 m² in 12 hours, a single mower efficiently maintains multi-pitch training facilities, transitioning seamlessly from field to field.

Maximum overnight (12 h) coverage¹

	Per night	Every 2 nights
Football	3.1x	6.2x
American Football	4.1x	8.2x
Rugby League	2.9x	5.8x
Rugby Union	3.0x	6.0x
Baseball Professional (MLB)	2.2x	4.3x
Baseball Little League	6.8x	13.6x
Softball	4.5x	9.0x
400m Running track inner field	2.1x	4.3x
300m Running track inner field	3.8x	7.6x
Cricket Infield	9.3x	18.6x
Cricket Outfield	2.0x	4.0x

¹ Calculations are based on the smaller end of each sport's official pitch dimensions and refer to the net playing area. Surrounding turf and margins vary by venue and are not included.



**Let them breathe
better to play harder**

Give your athletes cleaner air for every sprint, every move, every play.

- Combustion mower emissions can stay close to the ground for hours without sufficient wind or airflow, especially in stadium bowls.
- During intense play, athletes can inhale 150–200 litres of air per minute.
- Repeated exposure to exhaust gases may irritate airways, reduce oxygen uptake, and increase fatigue.
- Kress battery-powered robotic mowing eliminates this hidden risk entirely.

**Premium turf, without
the luxury bill**

Traditional mowers require constant refuelling, routine servicing, oil changes, and operator hours. Kress mowers eliminate these ongoing costs with unmanned performance that's cleaner to run, simpler to maintain, and a better long-term investment.





**Maximise your
ROI with smart turf
management**

Cut fuel, maintenance, and labour costs while improving turf quality. Kress delivers long-term savings and premium playing conditions — with minimal energy consumption.

**Greener pitches.
Elevated experiences.**

Zero emissions, zero fuel, and near-silent operation — Kress delivers championship-level turf quality while supporting your club's sustainability goals.

Nothing is better

Other RTK systems require a local, powered antenna — costly, invasive, and visually disruptive. Kress achieves centimetre-level precision with nothing installed on your grounds.





MASTERSERIES

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

Trusted by leading golf venues worldwide, Kress brings the same meticulous care and precision that define championship courses to every sports field — from professional clubs to community grounds and schools.

Full-pitch coverage. Day after day.	With a 62 cm cutting width, 7.2 km/h driving speed, and 30-minute (1 kWh) fast charging, the Mega 600 delivers sustained productivity — maintaining up to 88,000 m² in 48 hours with fully autonomous operation.	No turf compaction Lightweight construction and turf-friendly tread design provide the necessary traction while preventing wheel marks and grass flattening.
Adjustable cutting height from 10 to 100 mm	Precision calibration and a ground-following deck design maintain a consistent height of cut with ±1 mm accuracy. From fine sports turf to resilient training fields, the Mega 600 adapts to every surface and season.	All-round safety, day and night Tri-camera vision + ToF + 360° ultrasonic sensors continuously monitor the surroundings to detect people, animals, and obstacles—ensuring safe operation in all lighting and weather conditions.
Quick blade change	Simplifies maintenance by allowing quick replacement of complete cutting discs instead of individual blades—saving time and keeping mowers working around the clock.	Reinforced frame protection A durable metal cage safeguards the mower's body and cutting deck from impacts, ensuring long-term reliability and easier maintenance.



**Let your turf
breathe too**

Traditional mowing equipment puts weight where it hurts most.

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- Heavy machinery compacts the soil, restricting roots and weakening turf structure.
 - Compaction limits oxygen and nutrient flow, stunting healthy growth.
 - Surface stress increases water pooling, turf disease, and thinning.
 - Kress mowers' light footprint helps reduce reseeding cycles, soil remediation, and costly full-pitch renovation.

AI-powered turf health monitor

Continuously analyses chlorophyll and colour data to detect early signs of turf stress, nutrient deficiency, or disease — allowing groundskeepers to take action before issues spread.

Safety first

While blade damage or detachment is extremely rare, we engineered for it just in case. Kress FieldSafe™ magnetically retrieves metal debris, ensuring nothing is left on the pitch.





What if there's poor satellite signal?

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

**Guided by satellites,
precision perfected**

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





**High-power,
high-quality cutting**

Kress 3 × 500 W powerful brushless motors spin razor-sharp blades at 3,800 rpm, cutting dense turf without slowdown — for clean, reel-like results every time.



**Upgraded
high-precision servo
motor**

The high-precision servo motors provide precise speed and torque control for smooth acceleration, strong traction, and accurate manoeuvring on any terrain. With minimal vibration and zero mechanical play, they ensure quiet, durable, and consistently reliable performance.

**Up to 6 m-wide
signature stripes**

Delivers up to 6 m-wide, professional-grade stripes that rival diesel reel mowers—thanks to precision cutting and integrated striping roller design.



**Turf care at your
command**

Monitor mowing progress, field status, and schedules in real time. Adjust plans or start a new job from anywhere — all through the intuitive Kress app.





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

Your mower

From smaller areas to expansive zones, there's a Kress RTKⁿ model built for every part of your field.

Your turf

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

Our network

Powered by our exclusive RTKⁿ network, delivering centimetre-level accuracy — no on-site antennas required.





**Built for today,
prepared for
tomorrow**

The new Kress Mega 600 is a future-ready platform, designed to soon extend its capabilities beyond mowing with a new generation of turf care modules.

Light-based turf care system	Controlled UV wavelengths help suppress fungal growth and promote a healthier turf ecosystem through a chemical-free approach to disease management.
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Unmanned line marker	Powered by Kress's exclusive RTK [®] network, field lines are drawn with unmatched centimetre-level accuracy.
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Stripe-roller	Delivers the sharp, stadium-like striping that defines professional pitches, giving training fields and secondary grounds a match-ready appearance.
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N.B.: For the latest availability and launch details, please refer to our official website.



MASTERSERIES

88,000 m² Kress MasterSeries Mega 600

KR240E

NEW

**Mowing window:
up to 6 h**

Designed for continuous overnight operation across multiple pitches, the new Kress MasterSeries flagship delivers unmatched efficiency and wide signature stripes — while evolving into a future-ready platform with AI-driven turf health monitoring and next-generation turf care modules. Its integrated magnetic sweeper collects broken blades, ensuring a safer playing surface.

Area performance 12 h	22,000 m ²
Area performance 48 h	88,000 m ²
Cutting width	62 cm
Stripe width	up to 6 m
Cutting height	20 - 100 mm
Battery capacity	1 kWh
Obstacle avoidance	Tri-camera vision+ToF+360° ultrasonic
Average mowing time per charge	60 min
Charging time	30 min
Adjustable mowing speed	7.2 or 5.4 or 3.6 km/h
Cutting capacity per charge	2,000 m ²
Blades / per disc	5
Cutting discs	Triple
Cutting disc	3 × Ø 220 mm
High-precision servo motor	✓
Gliding discs	✓
Magnetic sweeper	✓
Strip roller	✓
Cutting motor	3 × 500 W
Weight	90 kg





**Complete pitch
solutions**

Kress robotic lawn mowers deliver versatile, efficient mowing for every football pitch — from short overnight sessions to extended schedules and continuous operation.

28,000 m² Kress RTKⁿ robotic lawn mower**KR235E****Mowing window:
up to 12 h**

The KR235E mows a full pitch overnight with exceptional efficiency and wide signature stripes. Its high-speed motor and gliding disc system ensure a flawless cut while preserving turf health, while the integrated magnetic sweeper collects broken blades for safer play.

Area performance 12 h	7,000 m ²
Area performance 48 h	28,000 m ²
Cutting width	35 cm
Stripe width	1.5 - 6 m
Cutting height	20 - 50 mm
Battery capacity	200 Wh
Average mowing time per charge	50 min
Charging time	30 min
Adjustable mowing speed	✓
	(Max. speed 1 m/s)
Double layer blades	✓
Dual discs	✓
In-hub drive motor	✓
Wheel brush	✓
Gliding Disc	✓
Magnetic sweeper	✓
Cutting motor	2 × 110 W
Weight	23 kg

* Full-size pitch refers to the field of play of 7,000 m²



24,000 m² Kress RTKⁿ robotic lawn mower**KR236E****Mowing window:
up to 12 h**

The KR236E mows a full pitch overnight with exceptional efficiency and wide signature stripes. Its high-speed motor and gliding disc system ensure a flawless cut while preserving turf health.

Area performance 12 h	6,000 m ²
Area performance 48 h	24,000 m ²
Cutting width	35 cm
Stripe width	1.5 - 6 m
Cutting height	30 - 60 mm
Battery capacity	200 Wh
Average mowing time per charge	66 min
Charging time	30 min
Adjustable mowing speed	✓
	(Max. speed 0.8 m/s)
Max. incline	40% / 22°
Double layer blades	✓
Dual discs	✓
In-hub drive motor	✓
Cutting motor	2 × 80 W
Weight	23 kg



16,000 m² Kress RTKⁿ robotic lawn mower**KR234E****Mowing window:
up to 24 h**

The KR234E mows half a pitch in 12 hours with top-level turf care and signature wide stripes. Its high-speed motor and gliding disc system deliver a flawless, uniform cut while protecting turf health. Its integrated magnetic sweeper collects broken blades for a safer play.

Area performance 12 h	4,000 m ²
Area performance 48 h	16,000 m ²
Cutting width	35 cm
Stripe width	1.5 - 6 m
Cutting height	20 - 50 mm
Battery capacity	200 Wh
Average mowing time per charge	66 min
Charging time	80 min
Adjustable mowing speed	✓
	(Max. speed 0.8 m/s)
Double layer blades	✓
Dual discs	✓
In-hub drive motor	✓
Wheel brush	✓
Gliding Disc	✓
Magnetic sweeper	✓
Cutting motor	2 × 80 W
Weight	23 kg



12,000 m² Kress RTKⁿ robotic lawn mower**KR233E****Mowing window:
over 24 h**

The KR233E delivers exceptional positioning accuracy without the need for on-site antennas. Its dual-layer razor-sharp blades create clean, consistent signature stripes, while advanced obstacle avoidance ensures smooth, reliable performance in all conditions.

Area performance 12 h	3,000 m ²
Area performance 48 h	12,000 m ²
Cutting width	35 cm
Stripe width	1.5 - 6 m
Cutting height	30 - 60 mm
Battery capacity	200 Wh
Average mowing time per charge	100 min
Charging time	84 min
Adjustable mowing speed	✓
	(Max. speed 0.8 m/s)
Double layer blades	✓
Dual discs	✓
In-hub drive motor	✓
Cutting motor	2 × 50 W
Weight	21.5 kg



Ideal for areas around football fields, the KR230E robotic lawn mower redefines precision in lawn care with Kress RTKⁿ technology, introducing satellite-guided, centimetre-level accuracy without the need for any property-specific stationary antennas.

Area performance 12 h	2,000 m²
Area performance 48 h	8,000 m²
Cutting width	22 cm
Cutting height	30 - 60 mm
Battery capacity	200 Wh
Average mowing time per charge	120 min
Charging time	84 min
Max. incline	40% / 22°
Wheel brush	√
Gliding discs	√
Cutting motor	1 × 80 W
Weight	12.5 kg



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.

Flanged gliding disc

KA0186

Improve cutting ability and efficiency on dense grass.



Pcs 2
Compatible with KR233E, KR234E, KR235E, KR236E

Flanged gliding disc

KA0187

Improve cutting ability and efficiency on dense grass.



Pcs 1
Compatible with KR230E

Quad blade disc kit[1]

KA0116

NEW

Improved anti-clogging and blade durability for efficient, consistent cutting.



Compatible with KR233E, KR234E, KR235E, KR236E, KR237E

Long life replacement blades

KA0011 / KA0018



Pcs 12 / 240
Compatible with KR230E, KR233E, KR234E, KR235E, KR236E

Kress RTKⁿ garage

KA0112



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

Compatible with KR230E

Kress Mega garage

KA0120



A durable and stylish cover that shields your robotic mower from all weather. Made from weather-resistant synthetic leather with a soft, flexible surface that absorbs impacts for lasting protection and safety.

Compatible with KR233E, KR234E, KR235E, KR236E

Off-road wheels

KA0221



Delivers steady traction for routine mowing.

Compatible with KR230E

Spiked wheels

KA0222



Improves climb and skid resistance, ensuring secure traction on uneven ground.

Compatible with KR233E, KR234E, KR235E, KR236E

[1] Single-layer blade installation only. Compatible with KA0011 and KA0018 blades.

Wheel brush kit for Mission Mega RTKⁿ

KA0170

Remove grass clippings to improve climbing ability.



Compatible with KR233E
KR234E, KR235E, KR236E

Wheel brush kit for Mission RTKⁿ

KA0172

Remove grass clippings to improve climbing ability.



Compatible with KR230E

Marker light

KA0181

Installed on both sides of the mower, they serve as safety indicators when working at night or in foggy conditions.



Compatible with KR234E, KR235E

Fairway kit

KA0176

Allows the cutting height to be adjusted from the original 30-60 mm to 10-40 mm. Requires the flanged gliding disc for proper operation.



Compatible with KR236E

Charging station installation kit for hard surface

KA0178.1

Secure the charging station on a hard surface, and use it to protect the magnetic strip.



Compatible with KR230E, KR233E
KR234E, KR235E, KR236E





Real Madrid

Win the Real Madrid Experience

Football club leader?

Train your team at Ciudad Real Madrid.

Kress and Real Madrid offer one club the opportunity to experience elite training at the club's world-class facility.

A fully hosted two-day programme for up to 20 people, including travel to Madrid, a private tour of the Santiago Bernabéu, premium accommodation, and a professional training session led by Real Madrid coaches.

An experience designed to elevate your team — on and off the field.

How to enter

Purchase a Kress RTKⁿ robotic mower for your pitch (KR234E, KR235E, or KR238E) and you will be automatically entered into the prize draw.

Kress 



OFFICIAL LANDSCAPING EQUIPMENT



Be the change

Kress robotic mowers define the future of unmanned mowing, offering unmatched precision without the need for antennas.

By switching to Kress, you're not only saving the planet and protecting your athletes' lungs—while saving money, too.

Your Kress dealer

Warranty information

Robotics	Commercial use
Mowers & Chargers	1 Year
Batteries	1 Year

Technical information, specifications, and product availability subject to change without notice. No liability can be accepted for printing errors.
Illustrations, figures, photos, and product colours may vary slightly due to production or as a result of our program of continuous product improvements.

www.kress.com