



AMP[®] AUTONOMOUS MOWING PLATFORM

Thoughtful Electric Design

Engineered from the start as an all-electric mower to ensure your grass looks its best, even when no one is on-board to watch.

- No engine or hydraulics—no spills
- Zero emissions
- Low energy costs
- Quiet—doesn't disturb neighbors
- Designed for minimal maintenance and long life

Always Advancing

With OTA updates, you'll always have the latest features. Added in 2025:

- Drop anywhere with SmartStart™
- Set Operating, Mowing, and Keep-Out areas
- 50/50 pattern
- Auto sectioning and boundary smoothing
- Path linking (V1)

FIREFLY[®]
AUTOMATIX
Precision Turf Robotics

Elevate your fairways.

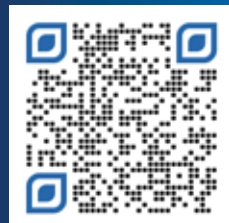
Take your golf course to new heights with the ultimate in precision and performance: the AMP fairway mower from FireFly Automatrix.

You've already invested in creating the perfect playing surface—now AMPlify those efforts with cutting-edge robotic technology that enhances both the aesthetics and playability of your course.

AMP is the finishing touch your members will notice and appreciate, delivering a flawless cut with unmatched consistency. Embrace the future of course maintenance with AMP.

Get more done.

- Free your grounds crew to attend to more detail work while AMP takes care of the fairway mowing. It can even mow more often, and in the dark.
- Customize and save unlimited optimized paths with our exclusive QuickPlan™ application.
- Get highly accurate and repeatable lines with RTK-corrected GPS guidance.
- Trust AMP's safe operation with LIDAR-enabled object detection.



LEARN MORE

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(801) 644-7371



AMP-L100 PITCHRIDE™

ELECTRIC FIVE-REEL AUTONOMOUS FAIRWAY MOWER



AUTONOMY

GUIDANCE	Dual antenna RTK-corrected GPS
OBJECT DETECTION	3D LiDAR
USER INTERFACE	Cloud-based FireLink™ app
PATH PLANNING	Unlimited customizable, optimized paths with QuickPlan™ app
SOFTWARE SUBSCRIPTION	Secure cloud data service, RTK connection & coverage, cellular & wireless modem connections, software updates and enhancements, remote Helpdesk support, Starlink option

POWER SYSTEM

BATTERY	Single Lithium Iron Phosphate (LFP) battery
BATTERY RATING	48V, 35.3kWh, 690 Ah
RUN TIME	4 - 6 hours per charge
CUTTING CAPACITY	20 - 25 acres (8-10 hectares) per charge
BATTERY LIFESPAN	5,000 cycles until charge reduced to 80% capacity (100,000 acres)
CHARGE TIME	2.5 hrs (option 14 kW 240V/460V), 6 hrs (option 6.9 kW 240V), or 11 hrs (standard 3.3 kW 240V)
MAXIMUM GROUND SPEEDS	Mowing 6 mph (9.7 km/h), Reverse 2 mph (3.2 km/h), Transport 9 mph (14.5 km/h)

TRACTION & STEERING

TRACTION DRIVE & STEERING	Synchronized quad motor 4WD with two independent steering motors
REEL DRIVE	One brushless DC direct drive motor per reel

CUTTING UNITS

MOWER CUTTING WIDTH	100" (2.54 m)
CUTTING REELS	5 x 7" (177.8 mm) diameter x 22" (55.88 cm) wide with front rollers
REEL OPTIONS	7, 8, 11, or 14-blade fairway reels, optional rear powered brushes and scrapers
BLADE MATERIAL	High carbon, high boron, and high manganese alloy steel
HEIGHT OF CUT	0.25 - 1.5" (6.35 - 38.1 mm) adjusts w/ detented hand knobs in 0.01" (0.254 mm) increments
REEL-TO-BEDKNIFE	Adjusts with detented hand knobs in 0.00065" (0.0165 mm) increments
GROUND CLEARANCE	7 - 8" (17.78 - 20.32 cm) depending on Height of Cut
ELECTRIC CUTTING UNIT LIFT	Keypad controlled for 3 positions (Mow/Down, Short Lift, Full Lift)

WEIGHT & DIMENSIONS

TOTAL WEIGHT	3,350 lbs. (1519.5 kg) with 4WD, battery pack, 5 reels
OVERALL HEIGHT	54" (1.37 m) including antenna
WORKING DIMENSIONS	Decks & platform down: Width 114" (2.89 m), Length 132" (3.35 m)
TRANSPORT DIMENSIONS	Decks at short lift position, platform down: Width 102" (2.59 m), Length 132" (3.35 m)
STOWED DIMENSIONS	Decks secured at full lift position, platform up: Width 86" (2.18 m), Length 124" (3.15 m)
WHEEL BASE	66" (1.68 m)
TIRES*	Front: Soft tube, Titan, 27x12LL-15 NHS, Rear: Galaxy Turf Special, 25x10.50LL-15
WARRANTY**	2-year Machine + 5-year Battery

*Available options include different tires and a high-cut model without front rollers. **See your sales representative for complete warranty details. Actual results may vary due to conditions of specific use. Specifications, while correct at time of printing, may change without notice.