



AMP-L100 PITCHRIDE™

ELECTRIC FIVE-REEL
AUTONOMOUS MOWING PLATFORM



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)
FRONT TIRES	Titan Soft-Turf (27x12LL-15) / Smooth option: Kenda K404 (26x14.00x12)
REAR TIRES	Titan Soft-Turf (25x10.50LL-15) / Smooth option: Hoosier (275/50-15)
WARRANTY**	2-year Machine + 5-year Battery

*Available options include 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.