



I AM Bolt™

Collaborative AMR

Bolt, our flagship autonomous mobile robot (AMR), is the most powerful and efficient on the market, ensuring customers never have to compromise. We're dedicated to building adaptable and safe robotics solutions that seamlessly integrate into any operational environment.

More Power

Bolt has the power to move materials faster, longer, and farther with best-in-class payload capacities, up to a 20-hour runtime and a hot-swappable battery that is 3.5 times larger in size compared to similar AMRs.

Greater Adaptability

Bolt is compatible with various top modules, thanks to our convenient power take-off features and partnership with TREW Automation.

Enhanced Collaboration

Bolt works both for you and alongside your team efficiently and safely, with features like back-drivable wheels, power-force-torque limiting, and 360-degree field of view.

Largest Payload Capacity in Its Class

Bolt is capable of handling payloads up to 300 kg in weight and totes up to 600 x 800 mm in size.

Fast, Flexible Conveyor Docking

Five-second conveyor docking. No extra equipment required for docking.

Hot-Swappable Battery

Bolt's battery is easily hot-swappable by one person in less than 10 seconds, providing for continuous service – no need to be offline and unproductive for several hours to recharge.

75% Decrease In Wasteful Walking

Bolt does the "walking," freeing your employees to work on more productive tasks.

2-3 Times Increase In Picking and Replenishment

By reducing travel times, improving accuracy, and increasing efficiency, Bolt dramatically increases productivity.



Bolt with Dual Conveyor Top



PREMIER AUTOMATION



Bolt™



SIZE & WEIGHT	DIMENSIONS WEIGHT	114.3 x 73.7 x 30* cm (45 x 29 x 11.8* in.) Standard ~ 91 kg (200 lbs)
SPEED & PERFORMANCE	SPEED PAYLOAD WEIGHT OPERATING TEMPERATURE RANGE STORAGE TEMPERATURE RANGE STEP/BUMP CLEARING HEIGHT NAVIGATION POSITIONAL ACCURACY DOCKING POSITIONAL ACCURACY DOCK/TOTE TRANSFER RATE TURNING RADIUS	Up to 2.0 m/s forward, 1.0 m/s reverse 300 kg (661 lbs) maximum 0° to 40° C (32° to 104° F) -20° to 85° C (-4° to 185° F) 15 mm (0.6 in) ±10 mm (0.39 in) ±10 mm (0.39 in) 5 seconds 0 mm
BATTERY & POWER	CHEMISTRY RUNTIME HOT-SWAPPABLE BATTERY BATTERY CAPACITY WHEELS EXTERNAL AUTOMATION POWER CONNECTIONS	Lithium Up to 20 hours 1 battery included Up to 120 Ah Direct drive 12, 24 & 48V options
NAVIGATION & SAFETY	LIGHTING INDICATORS SOUND INDICATORS SAFETY SENSORS SAFETY STOPS	4 status lights Distinctive forward and reverse sounds and customizable audio 360-degree field of view obstacle detection and avoidance Total of 6 emergency stop buttons with configurable placement
CONNECTIVITY	NETWORKING	WiFi tablet to Bolt, WiFi Bolt to SwiftLink, Ethernet Bolt to top module
TOP MODULES	STANDARD CUSTOM	Single & double 18" wide MDR & belt side eject Single & double 24" wide MDR & belt side eject Single 18" & 24" 90° MDR transfer Side eject single tote twister arm Bolt's Power Take-Off feature accommodates a variety of custom-made tops for myriad applications
MISCELLANEOUS	ACCESSORIES	Bolt operator tablet, SwiftLink™ interfacing software, USB remote controller, Batteries, Charging dock, and/or Portable charger

*Standard legs adjustable to increase height from 11.8 to 14.2 cm (30" to 36" in).

Learn more at premierautomation.com

Phone: 412-373-3700



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