

Autonomous Delivery Tugs

A ROBOTIC MATERIAL HANDLING SOLUTION
POWERED BY BrainOS[®]



Autonomous Delivery Tug Application

Autonomous delivery tugs, powered by BrainOS®, enhance efficiency and productivity by enabling autonomous delivery of carts and loose-pack inventory for any indoor point-to-point delivery needs. It's ideal for facilities that currently employ mostly manual or cart-based material handling methods, autonomous delivery tugs provide manufacturing, distribution and other stock-laden facilities with an easy entry into autonomy without the need for expensive facility retrofitting or to increase management and operational complexity.

Well-suited to highly dynamic facilities that employ open workflows or require frequent layout changes, robotic delivery tugs are easily operated by non-technical employees and allows for highly configurable routing options that are not dependent on integration with warehouse management systems. Singular or multiple routes can be trained, stored, reconfigured, or deleted at any time. Autonomous delivery tugs allow for total flexibility so facilities can leverage the delivery routes that best align with their changing needs.

Autonomous mobile robots (AMRs) are becoming valued tools to address labor intensive tasks. With a lower cost of entry compared to traditional infrastructure-heavy warehouse material handling systems, BrainOS-powered AMRs are fast and easy to deploy. As they navigate autonomously and can avoid obstacles, they work seamlessly alongside human users, forklifts, and other robots.



LEVERAGES EXISTING EQUIPMENT

- Capable of towing a variety of common material handling and utility cart types.
- Uses same cloud-connected operating system and user interface as other BrainOS-powered robots. Allows for remote performance monitoring and diagnostics, and consistent software updates that add new capabilities throughout the life of the machine.



BOOSTS OVERALL PRODUCTIVITY

- Eliminates inefficient back and forth material runs, enabling staff to focus on higher value activities.
- Enables multiple stops throughout a facility with single or multiple routes.



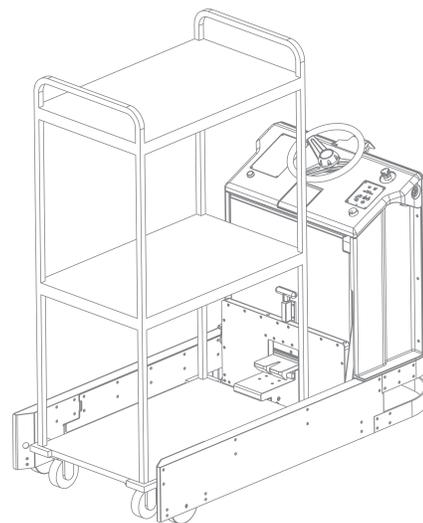
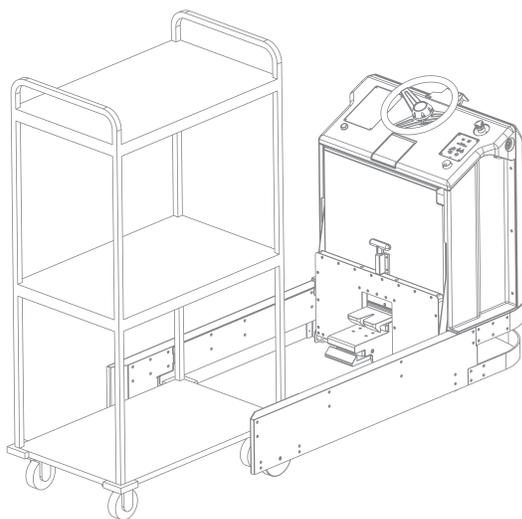
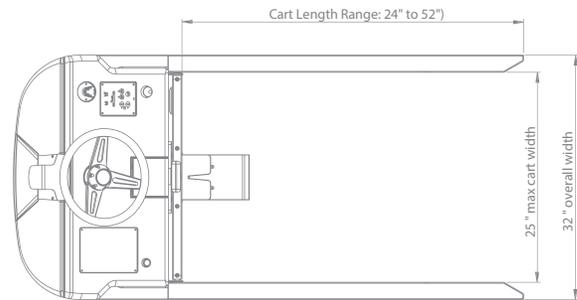
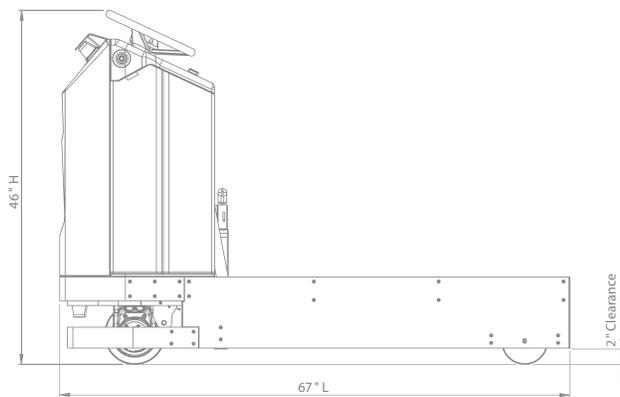
IMPROVES STAFF/FACILITY SAFETY

- Safety-first architecture and certification enables fully autonomous operation in both controlled industrial and open to public commercial spaces. Brain Corp leads the industry for proven safe operation in dynamic environments.
- Reduces workers compensation claims by decreasing back-breaking task.

Machine Specifications

Autonomous delivery tugs eliminate inefficient back-and-forth material handling and works seamlessly alongside teammates while safely navigating complex, dynamic environments. Capable of towing a variety of common material handling cart types, carts are loaded by pushing them into the payload area until they click into and engage with the tow hitch.

ACCOMMODATES CARTS UP TO 40" LONG AND UP TO 25" WIDE



About Brain Corp

Brain Corp is the global leader in robotic AI software that powers the largest fleet of autonomous mobile robots (AMRs) operating in commercial public spaces. Global OEM partners use the company's cloud-connected platform, BrainOS[®], to create scalable, self-driving robots that are used by end customers to clean floors, move inventory, and sense environmental data to enable the digital transformation of physical workflows. Fortune 500 brands across multiple verticals benefit from the growing portfolio of BrainOS[®]-powered robots and our industry leading privacy, safety and efficiency tools that make managing and scaling automation easier. Brain Corp currently powers more than 16,000 AMRs, representing the largest fleet of its kind in the world. For more information, visit www.braincorp.com.



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