

# PullBuddy

AN AGV SYSTEM UPGRADED FOR  
TODAY'S MATERIAL HANDLING NEEDS

## FEATURES AND OVERVIEW

PullBuddy is a completely modernized update of the tried-and-true Automated Guided Vehicle (AGV). It's a powerful and cost-effective material handling solution that is easy to install, modify and maintain. PullBuddy is a compact, low profile vehicle that can tow payloads up to 2,750 lbs.



PullBuddy provides superior flexibility over conveyors and other equipment because its routes can be easily changed. Also, it is scalable allowing production to quickly and easily increase by simply adding additional vehicles without costly changes to infrastructure. The modular vehicle is designed to move load handling frames (LHFs) that can be customized to meet customers' needs and feature equipment such as scissor lifts, conveyors and wireless push buttons. The magnetic-tape guided PullBuddy can be used in nearly any application from assembly to warehouse delivery and line-side delivery.

### SOFTWARE & CONTROLS

System management software BotWay is an extremely lightweight application that provides off-board vehicle monitoring, tracking, traffic management, event triggering & system reporting.

## IF YOU ARE LOOKING FOR AN AUTOMATED MATERIAL HANDLING SOLUTION AT A COMPETITIVE PRICE, PULLBUDDY IS YOUR CHOICE.

- Easy to use and maintain with advance on-board controls via PullBuddy HMI
- Industry 4.0 capabilities
- MQTT Communication
- Extremely flexible Installation
- Simple route set up tool and route installation, route changes can be made real-time with easy-to-install surface mounted magnetic tape
- Little training is required to implement single or multiple route changes
- Automatic Flexible Opportunity charging, enabling 24/7 unattended operations
- Battery compartment and electronic controls components conveniently located with easy access
- Flexible and cost-effective magnetic tape guidance

## SPECIFICATIONS

### DIMENSIONS

Length	<b>55 IN</b>
Width	<b>19.75 IN</b>
Height	<b>11.875 IN</b>
Ground Clearance	<b>1.5 IN</b>
Vehicle Weight	<b>450 LB</b>

### TOW CAPACITY

LHF + load	<b>2,750 LB</b>
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### POWER SYSTEM

Battery	<b>AGM 24V 135 Ah</b>
Single Full Charge Run Hours	<b>8HR+ CONTINUOUS RUN AT MAX RATED LOAD</b>

### OPERATING ENVIRONMENT

Ambient Operating Temperature	<b>15 F TO 135F</b>
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### PERFORMANCE

Max Speed at Continuous Torque	<b>1.8 MPH</b>
Max Speed at Load	<b>3 MPH</b>
Min. Turn Radius	<b>36 IN</b>
Rated Incline	<b>5 DEGREE (UP TO 450 LB LOAD)</b>

### INTERFACE

Full Control	<b>BOTWAY SOFTWARE SUITE</b>
Limited Controls	<b>WITH 7" TOUCH SCREEN</b>

### SAFETY

Enunciator	<b>85dBa</b>
LIDAR Lights	<b>ADJUSTABLE RANGE AND SWEEP BLUE FLOOR PROJECTED LEDs</b>