

Eagle E220 Tote Handler



The Eagle E220 is an automated dual tote shuttle that can be used for part delivery of plastic totes. The Eagle E220 is capable of handling two plastic totes weighing up to 50 lbs. each. These AGVs are ideal for small part delivery and can replace conveyors or manual pickup/delivery systems with a flexible automated system that links all production areas in a factory or warehouse.

An electromechanical drive unit allows for a great deal of flexibility in movement and speed. The single wheel suspension keeps the drive wheel in contact with the floor at all times. All wheels feature extra thick polyurethane tread for long life and noiseless operation. Electromechanical brakes are included as an integral part of the permanent magnet motor and sealed gearbox assembly. Each Eagle E220 is equipped with a 12-volt battery power source. Vehicle mounted slowdown sensors monitor obstructions while the vehicle is in motion, ensuring a safe working environment for plant personnel.

Features

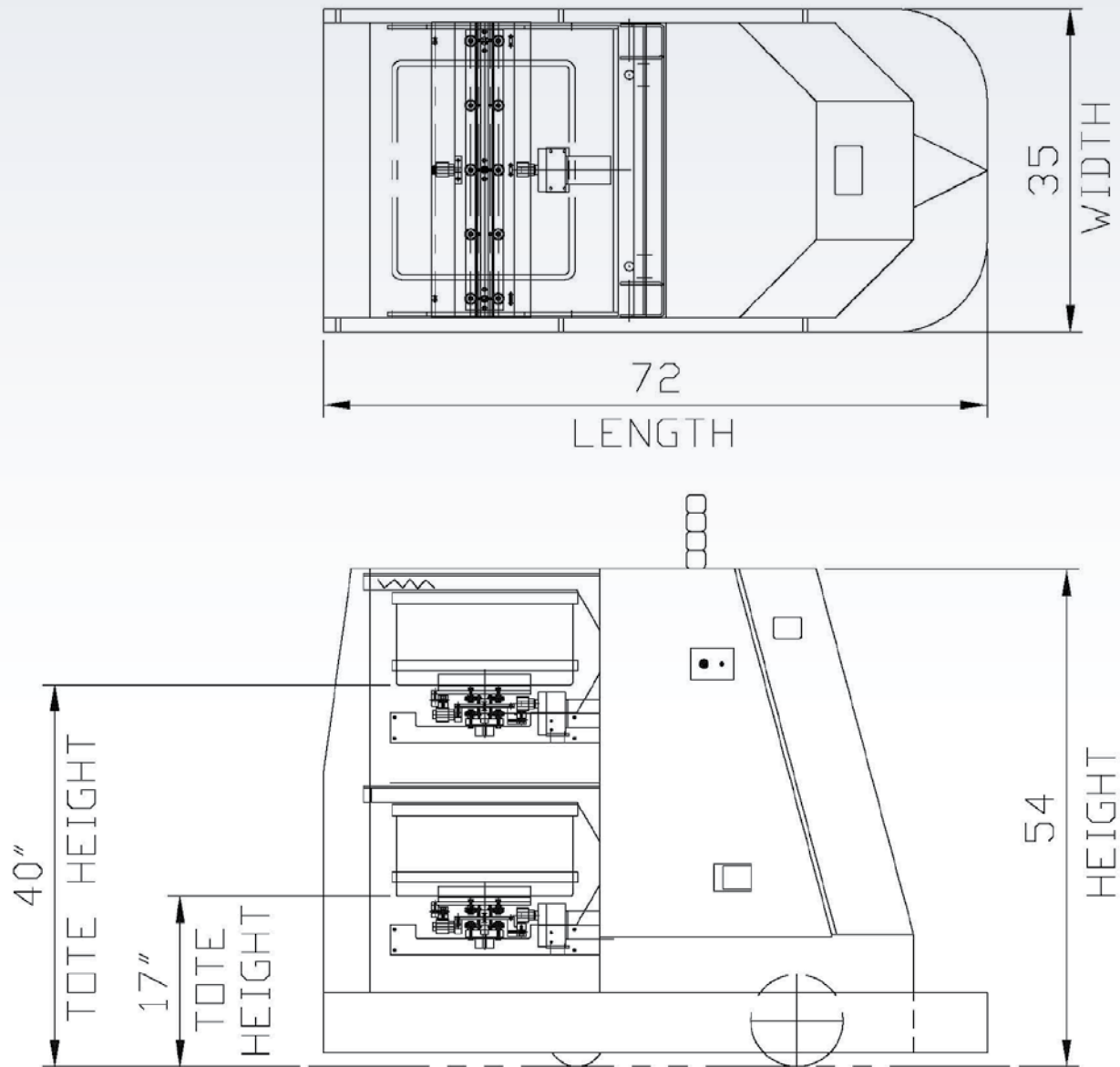
- ▶ Removable covers Provide Access to the Drive Assembly and All Electrical Components.
- ▶ The Dual Tote Shuttle Can Handle Two Standard Totes Measuring 20" Wide x 24" Length.
- ▶ 10" Height. The Totes Can be Loaded or Unloaded on Either Sides of the AGV.
- ▶ The Shuttles Include Fixed Load Security Plates Ensuring that the Loads Remain Secure.
- ▶ Corecon's Modular Control System separates AGV Functions, making Problem Diagnosis Quicker and Reduces AGV Downtime.
- ▶ AGV Safety Devices Meet and Exceed ANSI and OSHA Standards for AGVs.
- ▶ The Shuttles Include Fixed Load Security Plates Ensuring that the Loads Remain Secure.

Benefits

- ▶ Low Cost of Ownership
- ▶ Ease of Maintenance
- ▶ Access to All Major AGV Components
- ▶ Modular Design for Faster Diagnosis & Quick Repair
- ▶ Simple AGV Deployment
- ▶ Variety of Tooling Available for Many Falcon AGV Applications

AGV Options

- ▶ Laser Sensor for Obstacle Detection
- ▶ Optical Communication
- ▶ Radio Communication
- ▶ Sealed Batteries
- ▶ Opportunity Charging
- ▶ Quick Charge Batteries



Performance

Speed Forward:	120 ft./Min.Max
Stopping and Repetitive Stopping Accuracy:	+/- 1/2 "
Minimum Cornering Radius:	36"
Load Capacity Each Tote:	50 Lbs.
Load Capacity total both Totes:	100 Lbs.
Battery Capacity (Standard):	150 Amp/Hr.

Size / Weight

Overall Length:	72"
Overall Width:	35"
Overall Height:	54"

Tote Shuttle

Tote Width:	20"
Tote Length:	48"
Tote Height:	54"
Lower Tote from Floor:	17 Min.
Upper Tote from Floor:	40" Max

