

Eagle E275 Light Duty Conveyor



Designed for efficient load transfers to conveyors. The Eagle E275 is equipped with a powered roller deck capable of handling loads up to 2,000 lbs. These automated guided vehicles can replace conveyors or manual pickup/delivery systems with a flexible automated system that links all production areas in a factory or warehouse.

A bidirectional single 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. Electro-mechanical brakes are included as an integral part of the permanent magnet motor and sealed gearbox assembly. Each Eagle E275 is equipped with a 36-volt battery power source. Vehicle mounted slow-down sensors monitor obstructions while the vehicle is in motion.

Features

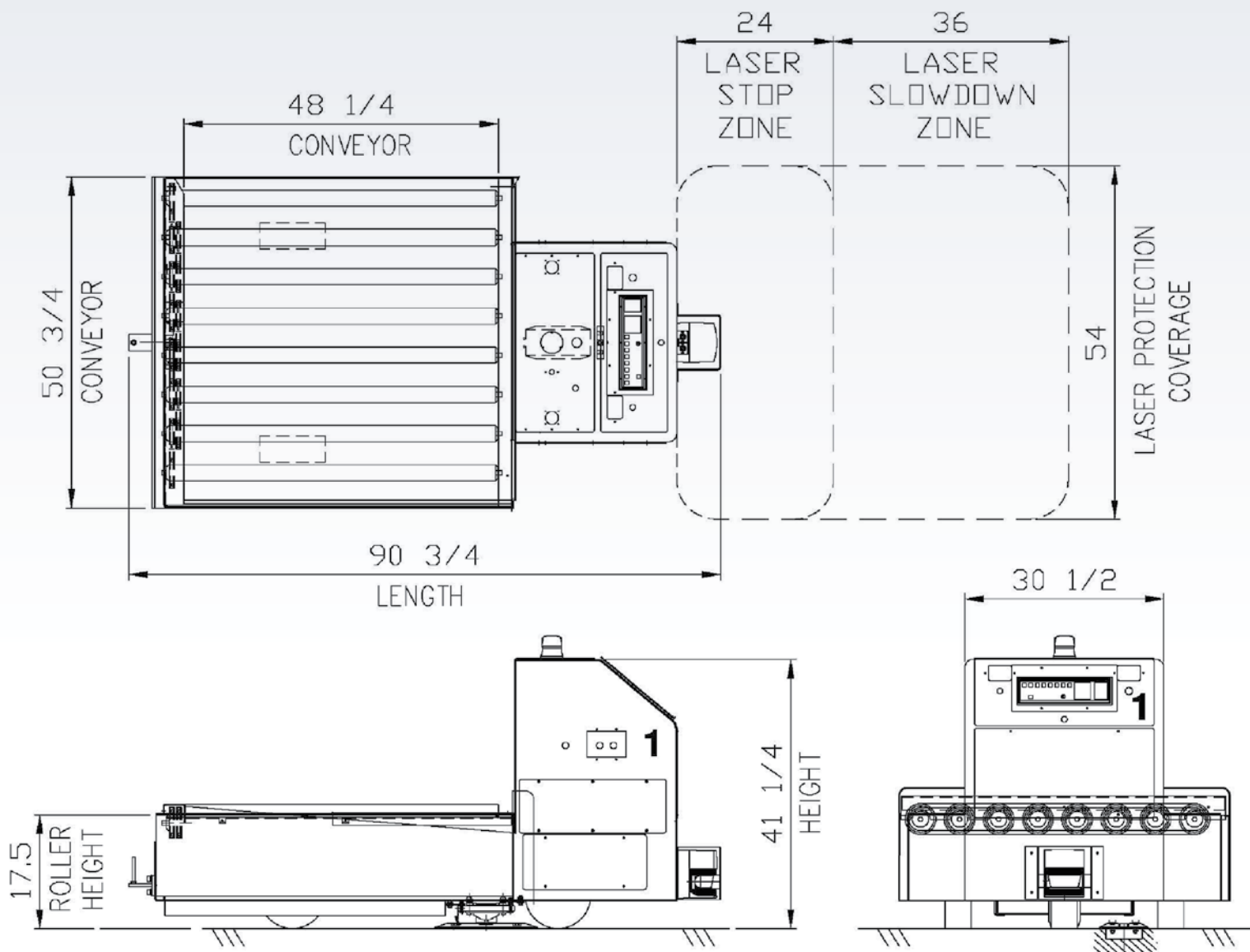
- ▶ Removable covers Provide Access to the Drive Assembly and All Electrical Components.
- ▶ Powered Roller Conveyor Capable of Handling Loads up to 2,000 lbs.
- ▶ Autocharging and a Wide Variety of Optional Attachments such as Tote Shuttles and Trailer Hitches are Available for the Eagle E275.
- ▶ Drive Gearbox Gears are Hardened for Long Life.
- ▶ AGV Frame is of Welded Plate Construction.
- ▶ Corecon's Modular Control System separates AGV Functions making Problem Diagnosis Quicker and Reduces Downtime.
- ▶ AGV Safety Devices Meet and Exceed ANSI and OSHA Standards for AGVs.

Benefits

- ▶ Low Cost of Ownership
- ▶ Low Maintenance
- ▶ Speedy & Easy 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:	230 ft./Min.Max
Speed Reverse:	115 ft./Min
Acceleration & Deceleration:	0-230 ft./Min = 3 Sec. in 5ft.
Stopping and Repetitive Stopping Accuracy:	+/- 1/2 "
Minimum Cornering Radius:	36"
Load Capacities:	2,000 Lbs.
Battery Capacity (Standard):	275 Amp/Hr.

Size / Weight

Overall Length:	90.8"
Overall Width:	50.8"
Overall Height:	41.3
Service Weight with Batteries:	2,000 Lbs.

Conveyor

top of Conveyor Roller	17.5" Min
Length:	50.8"
Maximum Load Size:	48" x 48"

