

**CORECON**

Developing Automated Guided Vehicle Systems for over 20 years

Eagle E275 Tugger AGV



The Eagle E275 AGV is an automated tugger that is designed for applications requiring automatic assembly, or delivery of parts within a manufacturing or production facility. This AGV is ideal for towing single or multiple carts, to pick up and deliver parts to various points within a facility or to integrate with assembly workstations. The Eagle E275 is capable of towing loads of 7,500 lbs with an optional drive assembly that can tow 20,000 lbs.

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 AGV is equipped with a 36 or 48 volt battery system. 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.
- ▶ Deck Surface Area Covered with Tread Plate Covers for Maximum Durability.
- ▶ Optional Trailer Hitch with 20,000 lb Towing Capacity.
- ▶ 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, Reducing AGV downtime.
- ▶ AGV Safety Devices Meet and Exceed ANSI and OSHA Standards for AGVs.

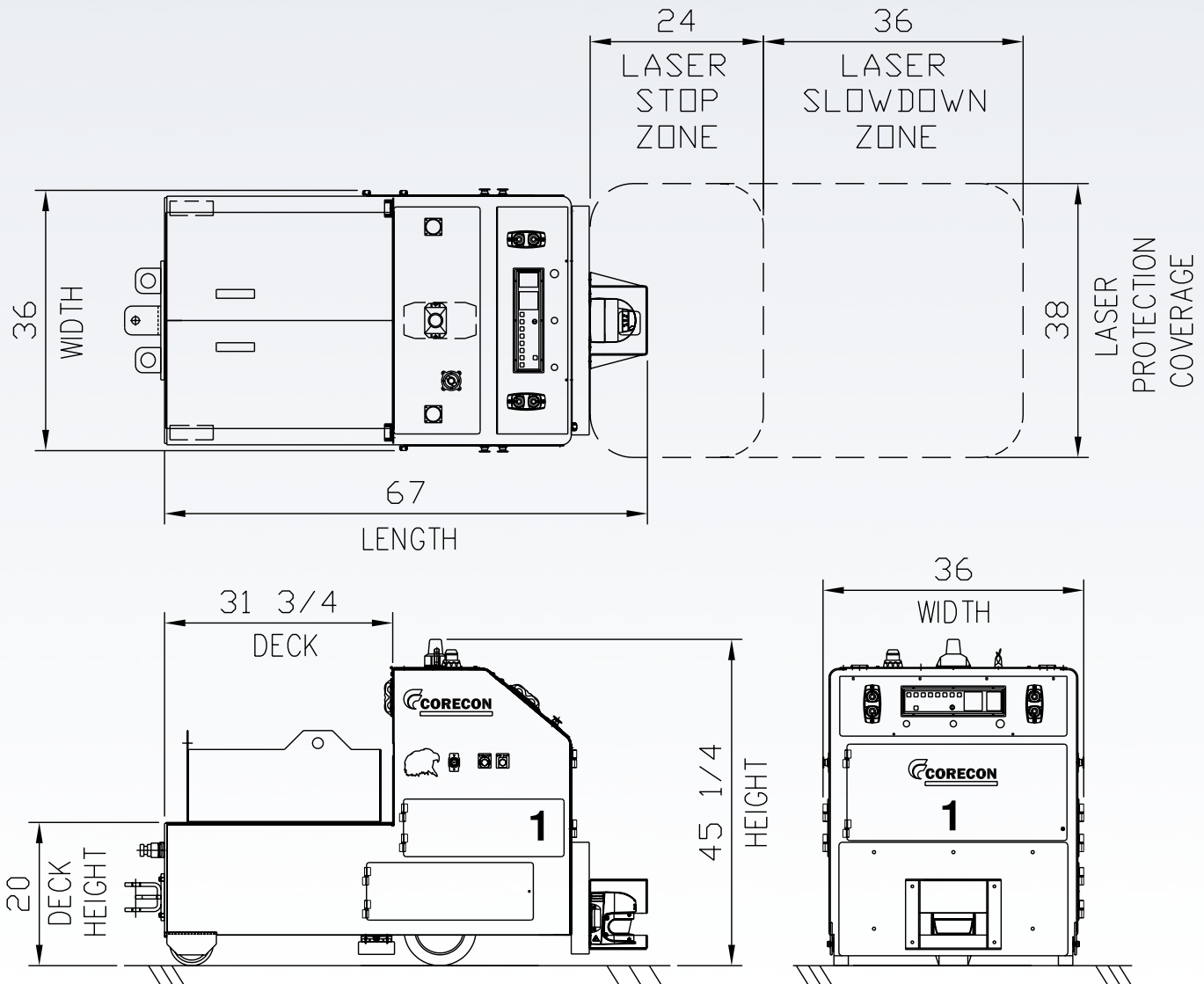
Benefits

- ▶ 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 Eagle AGV Applications

AGV Options

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

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Performance

Speed Forward:	200 ft./min.max
Speed Reverse:	115 ft./min max
Acceleration & Deceleration:	0-120 ft./Min = 3 Sec. in 5ft.
Stopping and Repetitive Stopping Accuracy:	+/- 1/2 "
Minimum Cornering Radius:	36"
Load Capacity:	2,500 Lbs.
Towing Capacity:	Optional 20,000 Lbs - 7,500 Lbs Standard
Battery Capacity (Standard):	300 Amp/Hr.

Size / Weight

Overall Length:	67.0"
Overall Width:	36.0"
Overall Height:	45.25"
Service Weight with Batteries:	2,100 Lbs.

Deck Platform

Width:	36"
Length:	31.75"
Deck Height from Floor:	20.0"

