

Reconditioned R301 High Lift Rear Load



Designed for high lift applications such as warehousing and rack storage. The Reconditioned R301 Autonomous Guided Vehicle utilizes a hydraulic mast capable of reaching heights of up to 17 1/2 feet. The Reconditioned R301 AGV requires only a minimum amount of maintenance to keep it looking clean and new.

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 quiet operation. Electromechanical brakes are included as an integral part of the permanent magnet motor and sealed gearbox assembly. Each Reconditioned R301 is equipped with a 48-volt battery power source, which is sized for more than a full shift of operation.

Features

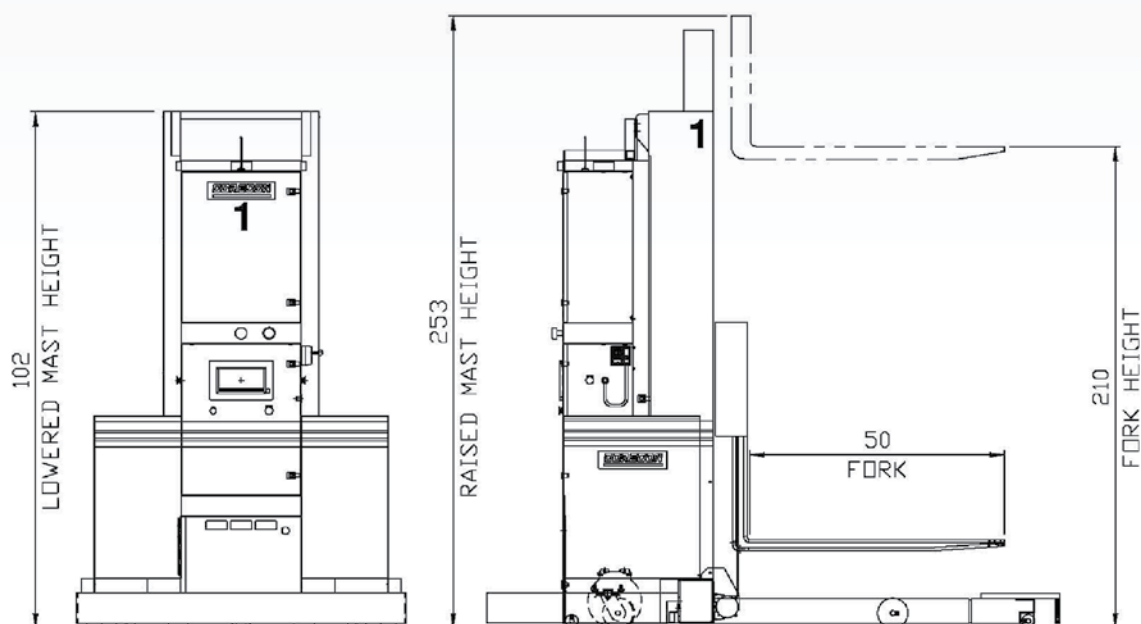
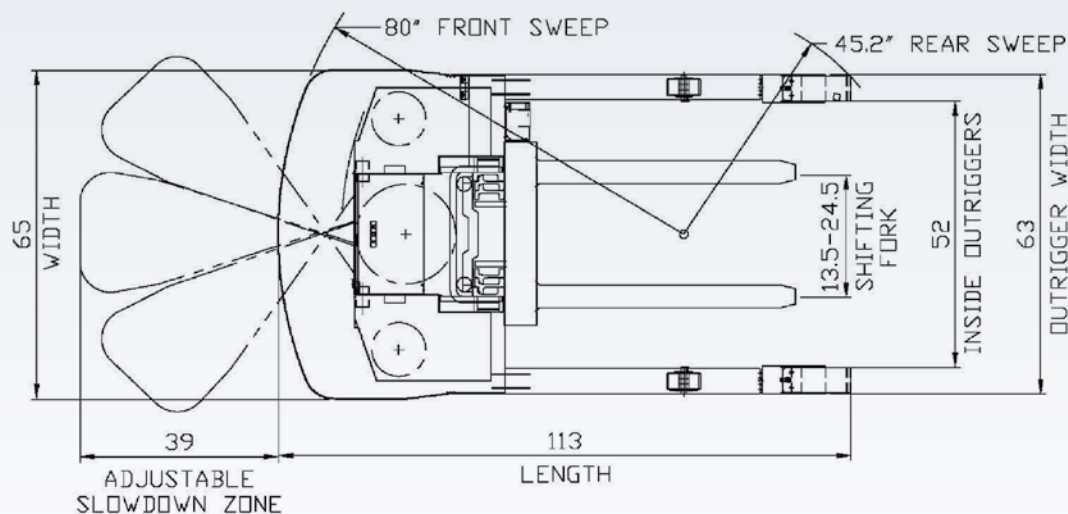
- ▶ Swing Out Cabinet Design Provides Easy Access to the Drive Assembly and All Electrical Components.
- ▶ Complete Travel Drive Assembly is Easily Removed by removing 4 bolts without Lifting the AGV.
- ▶ Travel Drive Gearbox Gears are Hardened for Long Life.
- ▶ Idle Wheels have "Sealed for Life" Bearings and Hardened Axle Shafts.
- ▶ AGV Frame is of Welded Construction Using Heavy Wall Structural Tubing which Provides High Bending and Torsion Strength and Stiffness.
- ▶ Corecon's Modular Control System separates AGV Functions making Problem Diagnosis Quicker and Reduces AGV Downtime.
- ▶ Floating Forks Adjust 1 inch to Pallet Height.
- ▶ Shifting Forks are Adjustable from 13.5 - 24.5" Centers.

Benefits

- ▶ Low Cost of Ownership
- ▶ Low Maintenance
- ▶ Speedy & Easy Access to All Major AGV Components
- ▶ Modular Design for Faster Diagnosis & Quick Repair
- ▶ Large Diameter Wheels for Efficient Operation and Long Life
- ▶ Opportunity Charging System Eliminates Battery Handling
- ▶ Simple AGV Deployment
- ▶ Variety of Tooling Available for Many AGV Applications

AGV Options

- ▶ Optical Communication
- ▶ Radio Communication
- ▶ Sealed Batteries
- ▶ Opportunity Charging
- ▶ Quick Charge Batteries
- ▶ Laser Bumper



Performance

Speed Forward:	300 ft./Min.Max
Speed Reverse (manual only):	90 ft/Min
Acceleration & Deceleration:	0-300 ft Min = 5 Sec. in 5 ft.
Rotate Vehicle 90 Degrees:	12 Sec.
Stopping and Repetitive Stopping Accuracy:	+/- 3/8 "
Minimum Cornering Radius:	32"
Fork Lifting Speed:	40 ft/min.
Lift Capacity:	2,500 Lbs.

Size / Weight

Overall Length:	113"
Overall Width:	65"
Overall Height Mast Lowered:	102"
Overall Height Mast Raised:	263"
Service Weight With Batteries:	5,300 Lbs.

Forks

Width:	4.5"
Length:	50"
Centers (Adjustable):	13.5" to 24.5"
Lift Height:	210"
Lift Accuracy:	+/- 1/4"
Pallet Size Max:	48" x 56"

