



Power Requirements

Standard	Available
100-120 or 220-240 VAC 50/60 Hz	Factory Air (90psi CDA)

Maneuverability

Standard	Available
Non-Marring Swiveling Casters	Rigid Casters
Total Locking Wheel Brakes	Standalone Floor Brake
	Steerable Powered Drive Wheel

Materials

Standard	Available
6061-T6 Aluminum	304/316 Stainless Steel

Drivetrain

Standard	Available
Variable Speed Electric Motor	Air Motor
Failsafe Brake	Centrifugal Fly-Away Safety
Ball Screw	High-Speed Dual-Start Ball Screw
Low-Friction Plastic Rollers	High-Capacity Precision Linear Bearings
Metal Screw Guard	Sealed Polyurethane “Bellows” Screw Enclosure

Electrical/Control System

Operating at greater than 90% efficiency, the ball screw drive allows most lifts to achieve hundreds of lifting cycles between battery charges.

Standard	Available
Maintenance-Free Sealed Batteries	AC Power Supply
Onboard Batteries	Quick-Exchange Batteries
Onboard Smart Charger	Off-Line Smart Charger
12V or 24V DC System	
Battery Fuel Gauge	
Power-Saving Inactivity Timer	
Redundant End-of-Stroke Limit Switches	
Handheld Pushbutton Pendant Controls	

## Base and Legs

Standard	Available
Proprietary Lightweight Aluminum Extrusion	Low-Profile Embedded Wheels
Sized to Fit Your Process	Counterbalance (No Legs)
	Floor or Equipment Mounted

## Hazardous Areas

Custom lifting devices can be configured with either an EE or an EX rating for use in areas with hazardous concentrations of combustible materials.

EX units	EE units
Compatible with ATEX Category 2	Compatible with ATEX Category 3
Can be used in the following hazardous areas: <ul style="list-style-type: none"><li>US NEC 500/IEC Class 1 Div 1 and Class 2 Div 1</li><li>US NEC 505 / IEC Zone 1 (Gases / Vapors) and Zone 21 (Dusts)</li></ul>	Can be used in the following hazardous areas: <ul style="list-style-type: none"><li>US NEC 500/IEC Class 1 Div 2 and Class 2 Div 2</li><li>US NEC 505 / IEC Zone 2 (Gases / Vapors) and Zone 22 (Dusts)</li></ul>

## Cleanroom Compatibility

With an all-electric drivetrain and corrosion-resistant chassis, you won't have to worry about hydraulic fluid leaks, rust, particle generation, or contamination.

Standard	Available
Fed Std Class 100,000 (ISO 8)	Up to Fed Std Class 10 (ISO 4)

## Ingress Protection

Standard	Available
	IP54
	IP65 Hose-Down Wash-Down Duty

## Maintenance

Alum-a-Lift maintains a global network of factory trained representatives who can be on-site in short notice to support troubleshooting, diagnosis, and maintenance.

<b>Total Preventative Maintenance</b>	Less than 2 hours annually
<b>Components and Spares</b>	Kept in stock, ready to ship
<b>Access to Critical Components</b>	Clear and simple
<b>Direct Access to Engineers</b>	Allows many adjustments and maintenance items to be performed immediately with existing personnel
<b>Modifications</b>	Modular construction and access to engineers facilitates modifications to meet evolving material handling requirements
<b>Training, Refurbishment, and Repairs</b>	On-site training, factory refurbishment, and repair services are offered.



## Lift Options

Alum-a-Lift offers numerous modifications and additional features to meet specific project requirements. Following is a selection of our most commonly included customizations.

- Multi-stage telescoping mast
- Overload and obstacle encounter safety device
- E-stop buttons
- Height-sensing traveling limit switch
- Electromechanical Interlocks
- Strobe lights
- Audible alert
- Lock-out tag-out switch
- Docking features
- Standardized "conformity kits"
- Third party inspection and certification
- Special or high-capacity casters
- Electrostatic discharge (ESD) provisions

Get started at [alum-a-lift.com](https://alum-a-lift.com)