# ADAMS ELEVATOR & ESCALATOR PARTS

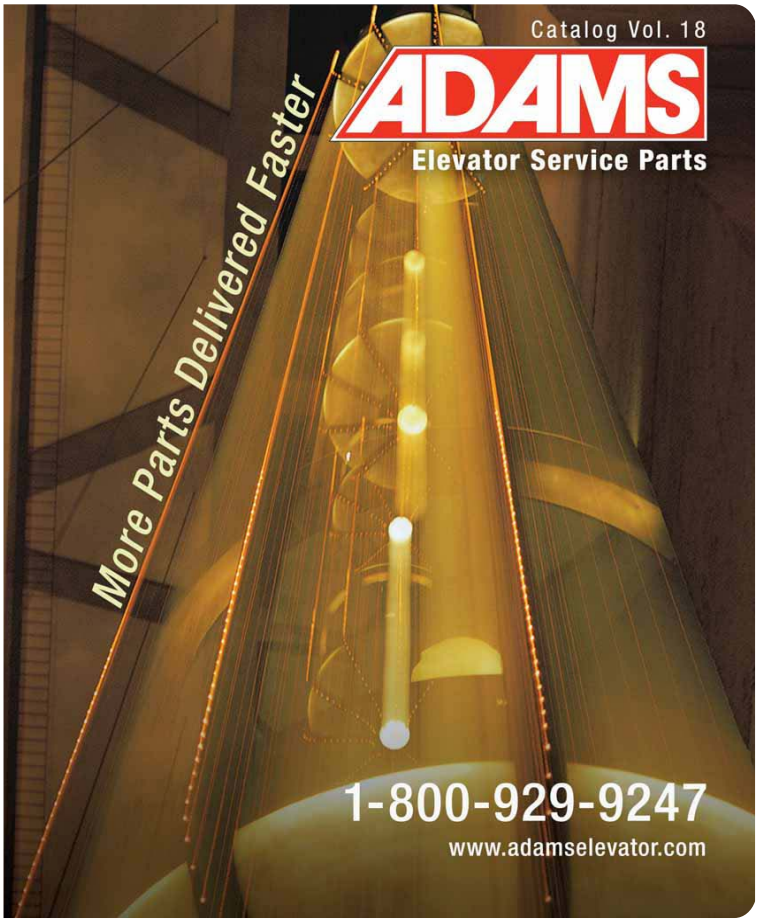
## HOW IT WORKS

Since 1930, Adams Elevator Equipment Company has provided elevator and escalator components, polyurethane rollers, safety equipment, handrail, power tools, hydraulic oils and much, much more.

## 98% OF ALL ORDERS SHIPPED SAME DAY

Adams' 150,00 square foot facility stocks nearly 50,000 different items. Over 12,500 orders are shipped every month...more than 625 orders a day!

*So what can we ship to you today?*




## SOLUTIONS

- OEM PC Boards
- Handrails
- GateKeeper® + 3D Retrofit
- KE Limit Switches
- Safety Barricades
- LifeJacket®
- Escalator Skirt Brushes
- HatchLatch®
- Circuit Boards
- 330A Maintenance Kits

# MORE PARTS DELIVERED FASTER

ADAMS USA

**1.800.929.9247**

LIFT SOLUTIONS


tel: **360.862.8328**
fax: **425.334.2318**

email: **info@liftsolutions.net**
web: **www.liftsolutions.net**


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**1.888.277.8310**

## HOW IT WORKS

The LifeJacket® is a safety device for hydraulic applications to prevent any uncontrolled downward movement from any type of hydraulic failure. The LifeJacket installs above the cylinder head, encircling the elevator plunger. If it senses a loss of pressure or any uncontrolled downward car movement, the LifeJacket closes, bringing the elevator and passengers to a safe and controlled stop.

## EASILY INSTALLED ON HYDRAULIC ELEVATORS

Many factors may contribute to hydraulic failure: valve breaks, erosion, ground electrolysis and cylinder breakage. Field feedback indicates that 60% of all LifeJacket activations are actually caused by failures other than the cylinder, such as broken pipes or failed valves.

## ADVANTAGES

- Code compliant
- Reset and Reuse several times
- Use on Old or New Hydraulic Application
- Easy Installation in 2 days for 2-man team
- No Damage to the Plunger



# HYDRAULIC ELEVATOR SAFETY

Comprehensive Protection for Hydraulic Failure

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# GATEKEEPER® INFRARED DOOR PROTECTION

## HOW IT WORKS

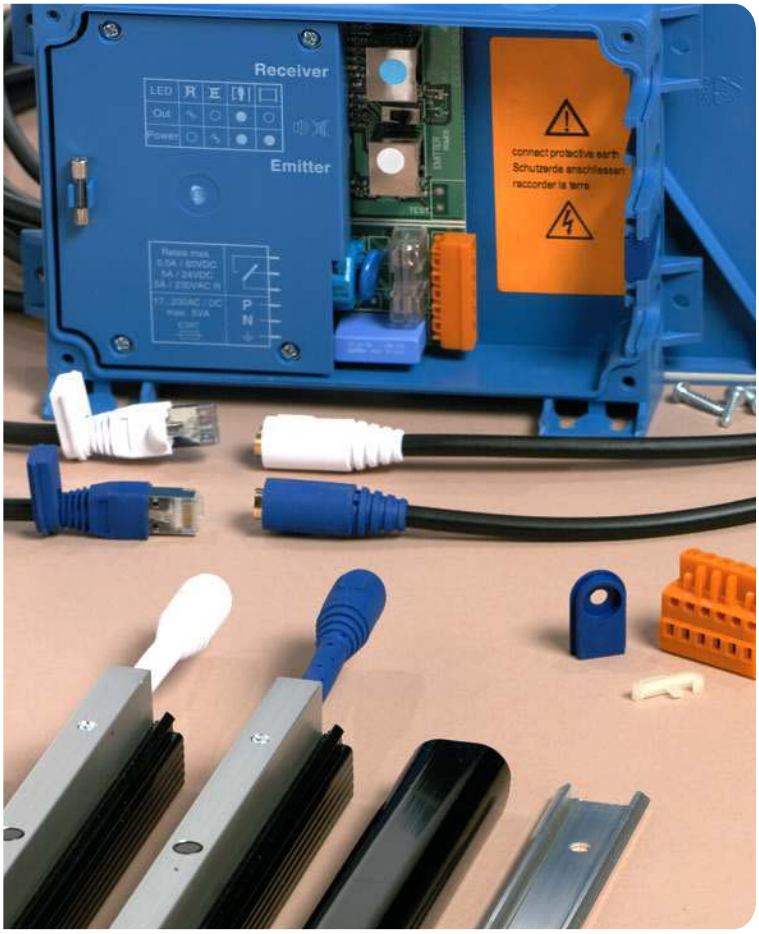
GateKeeper® Infrared Door Protection is the most advanced system available...and the only one backed by the ADAMS exclusive Five Year Warranty.

## FIELD PROVEN 'ZERO CALLBACK' RELIABILITY

Solid protection for all applications and budgets. Choose a top-of-the-line GateKeeper® MAX or an economical EZ Model.

Either way, you get value, reliability and field proven performance - guaranteed.

Trust GateKeeper® to help move more passengers quickly while keeping them safe.




## ADVANTAGES

- MAX Units include Nudging and Fire Recall
- EZ Models have All Electronics - even the Controller - Inside of the Edge
- Our kits adds 3D to any existing 2D Edge
- Adaptive Power Models work with 17-256 volts AC or DC
- Designed for Easy Installation to cut labor time

## 5-YEAR WARRANTY PROTECTION

Comprehensive GateKeeper® Line Sets the Standard

LIFT SOLUTIONS

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# HatchLatch® DOOR RESTRICTOR

## HOW IT WORKS

The HatchLatch® ensures elevator cab doors stay shut and locked between landing zones.

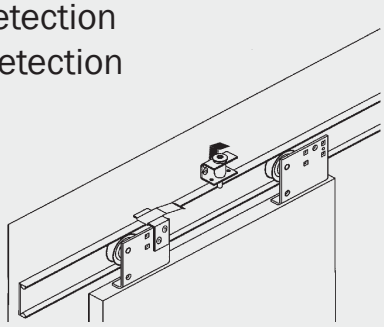
Passengers are kept safely inside in the event of a stall or breakdown. The HatchLatch comes with all the material you need to protect one elevator up to five landings.

## ELECTRONIC DOOR RESTRICTOR

With reflective tape in the hatchway inside the landing zone and on the door operator, the photo-eye detection senses the tape and knows the cab is inside the landing zone and picks up the solenoid-controlled plunger. The plunger rises out of the way, clearing the door roller or blocking bracket as the door opens. When the reflective tape is not detected, the plunger holds its door-blocking position.

## ADVANTAGES

- Redundant Circuitry
- Battery Backup
- Battery-Charging Control Circuitry
- Solenoid Detection
- Photoeye Detection



*Photoeyes mounted on the car signal a solenoid to "pick" a metal plunger and allow free door movement only when the car is safely inside a landing zone*



# LOCKS THE DOOR

on Unsafe Elevator Cab Openings

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# TERMINAL LIMIT SWITCHES

## HOW IT WORKS

Cartop mounted, magnetically actuated KE Terminal Limit Switches replace obsolete mechanical TM switches. Quiet technology provides reliable, consistent no-maintenance operation.

## NO CONTACT
## NO MAINTENANCE
## NO WEAR PARTS

Switch box and rail-mounted actuating magnets provide the consistent, bi-directional signals ideally suited to today's microprocessor controllers.

**Great for Code Required Devices:**

- Normal Terminal Slowdown
- Emergency Terminal Stopping
- Speed Limiting
- Access Limit Switch
- Earthquake Car-to-Counterweight
- Not for Final Limits which must be mechanical per code

## ADVANTAGES

- No Hoistway Rewiring
- Cartop Installation
- No Contact, Silent Operation
- Bullet Train Proven Reliability
- Consistent Activation
- No periodic Readjustment
- Save vs 'Knock-Offs'




# MAGNETIC SWITCHES

Skip Readjustment and Wear with these High Tech Limits

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# 330A MAINTENANCE KITS

## KIT A

- Car and hall push buttons and bases
- Reed switches
- Door roller
- (2) clutch print and guide show inserts
- All standard keys used on a 330A elevator system

## KIT B

- All parts in Kit A
- Interlock contacts
- Door lock link assembly
- Contact latch assembly
- Fuses

## KIT C

- All parts in Kit B
- 3 lane sensor for leveling
- Hall station circuit board (HPBHNA)










## HOW IT WORKS

The new Schindler 330A Maintenance Kits contain some of the most requested spare-part products needed for the most popular low-rise elevator system on the market.

## 3 KIT OPTIONS AVAILABLE

With three kit options, from just the basics to advanced packages with three-lane sensors and hall-station circuit boards, you'll find the kit that meets your needs.

# EASY MAINTENANCE

For the Most Popular Elevators

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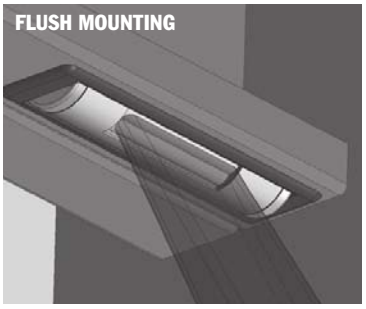
# GateKeeper® 3D DOOR SENSOR

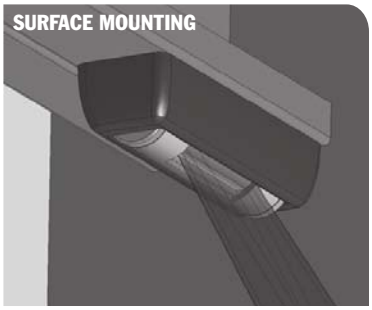
## HOW IT WORKS

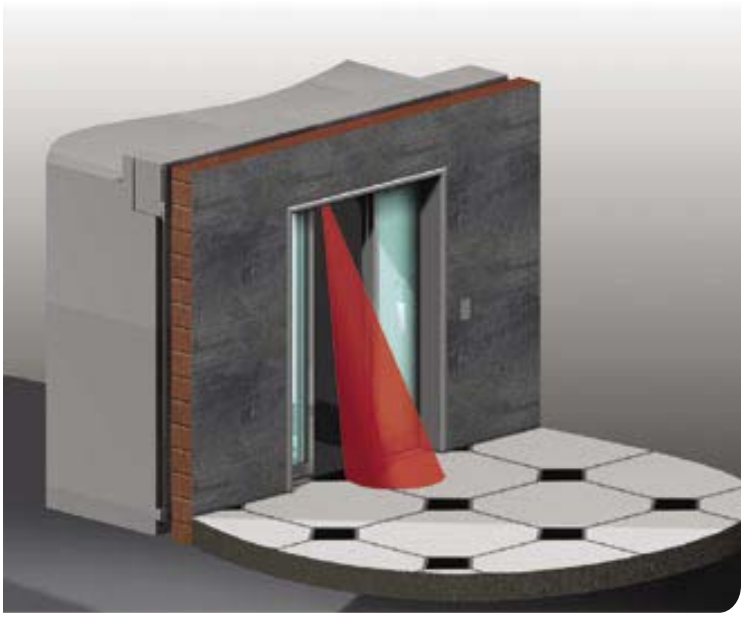
The GateKeeper® 3D infrared door accessory offers a constant activation zone in the landing area regardless of door position. The unit can easily identify static vs. moving objects, avoiding delays while keeping your passengers and equipment safe.

## 3D MADE EASY

The 3D sensor projects the invisible 'cone' of infrared light out into the landing to detect people and objects approaching the elevator. The GateKeeper 3D comes complete with all mounting hardware necessary for either surface-mount or flush-mount installation on cab transom.



## ADVANTAGES

- Intelligent Design
- Easy to Install
- For Static & Dynamic applications
- Adjustable 3D Zone
- Easy upgrade of existing installations

# RETROFITS TO ANY AND ALL

Door Protection Systems

LIFT SOLUTIONS

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# HANDRAILS

## HOW IT WORKS

There are no up-charges for custom lengths, and pricing is by the inch to guarantee you pay only for what you need. Every handrail is built one at a time and built exactly to all of your measurements and requirements.

## VARIETY OF HANDRAILS

Choose from standard and architectural styles in several sizes, finishes, and materials to create an incredible cab interior and stay within budget. Our Quick-Mount Fastener System enables you to install the handrails from inside the cab, increasing the speed, safety and ease of installation.





## ADVANTAGES

- ADA Compliant
- Precision CNC Machined Components
- Quick Turnaround
- Variety of Styles and Finishes
- One-Piece Wrap Around Handrails Available

## INSTALL FROM INSIDE THE CAB

Top Quality Handrails
Easy to Install

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# HYDRAULIC OIL COOLER

## HOW IT WORKS

HydroCool™ models reduce “hot oil” odors, bounce, chatter and leveling problems caused by overheated hydraulic fluid.

HydroCool units circulate hot hydraulic oil through a heat exchanger, where it is cooled by fan-forced air, then returned to the oil storage tank.

## HOT HYDRO PROBLEMS? MAKE ‘EM CHILL!

The cooling unit operates automatically as needed, sensing when reservoir oil temperature exceeds a preset limit. Compact, adaptable HydroCool™ works with all power units.

As with any cooler, capacity is limited by the differential between ambient and oil temperatures.



## ADVANTAGES

- Economical Units in Stock
- Tanks, Wall or Floor Mounting
- Remote Mounting to 110’ Horizontal & 55’ Vertical Distance from Tank
- Self-Monitoring Operation
- Maintain Oil Integrity
- Extend System Life
- Installs in About 4 Hours by a Two-Man Team

# HYDROCOOL TECHNOLOGY

Keep Hot Hydro Oil Cold by Removing 17,500 btu/hr in Waste Heat

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# OEM REPLACEMENT PC BOARDS

## HOW IT WORKS

The car is down - you need a replacement PC Board and you need it now. Who should you call?

Call ADAMS for access to the largest stock of PC Boards in North America.

## 98% OF ORDERS SHIP SAME DAY

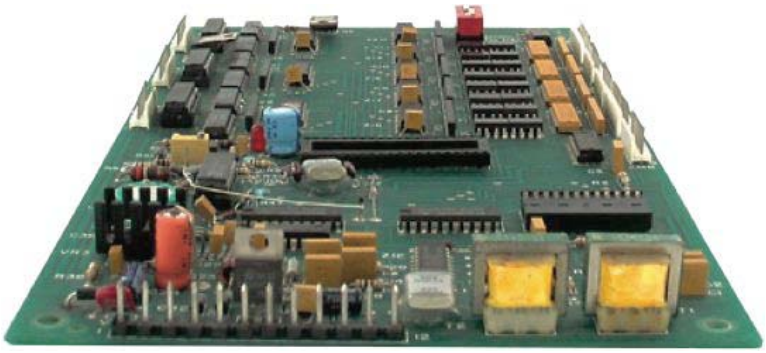
The ADAMS PCB Exchange is your resource for factory renewed and vintage PC Boards. Inventory is on the shelf for immediate shipment.

Get elevators...and escalators...back in service fast. Make ADAMS your fist...and last call for PC Boards.

**ADAMS ORDER LINE 800.9292.9247**







## ADVANTAGES

- Extensive PCB Inventory
- PCB Repair Services
- Core Credit
- Schindler, Westinghouse, and Haughton
- Kone, Montgomery
- ThyssenKrupp, Dover
- Otis, Millar, More

## WITH OVER 6,000 PC BOARD SKU's IN STOCK

We've Got What You Need to Keep it Running

LIFT SOLUTIONS


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# STANDARD CARPET STYLES



ARAN



AVONBEG



BALLYBUNNION



BANDON



BANN



BROSNA



BUNRATTI



BUSH



CLIFTON

LIFT SOLUTIONS



CUMBER



CUSHER



DALL



DALUA



DEEL



DOWN



DUBLIN



GLASSON



GRANARD



KILDARE



LONGFORD



LOUTH

For a complete and updated list of current and available inventory of standard carpets, please visit www.duravator.com. **1.888.277.8310**

# STANDARD CARPET STYLES


MEATH


REELAN


ROE


STRULE


TEMPEST


TOLKA


WESTMEATH

LIFT SOLUTIONS

DURAVATOR
THE CARPET FOR ELEVATORS


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**www.duravator.com**


For a complete and updated list of current and available inventory of standard carpets, please visit www.duravator.com.

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# CUSTOM CARPET SAMPLES










We can also produce custom carpets that can match logos, colors, artwork, etc. Call us for more information about custom carpets.

LIFT SOLUTIONS

DURAVATOR
THE CARPET FOR ELEVATORS

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web: **www.liftsolutions.net**
**www.duravator.com**

For a complete and updated list of current and available inventory of standard carpets, please visit www.duravator.com.

**1.888.277.8310**

# CABS

## HOW IT WORKS

It takes highly skilled engineers, sheet metal mechanics and woodworkers to hand craft an elevator cab.

## CRAFTSMANSHIP NEVER MET REGRET

Skill is derived from experience. Proceed with confidence - our people have spent decades fabricating thousands of elevator cabs.

Select from a broad palette of materials including hardwood, glass, stone, metal, ceramics, and plastic veneers to suit any taste or budget.

We specialize in matching existing or planned building architectural details to create a truly integrated solution



## ADVANTAGES

- Modz or New Construction
- Lighting Options to Help Achieve LEED Certification
- Multiple Ceiling Options
- Clever Construction Details
- Full Custom Capabilities
- Panoramic Glass Cabs
- Prompt Response & On Time Delivery

## PROJECT THE RIGHT IMAGE

Economical to Extravagant - Insist on Top Quality

LIFT SOLUTIONS


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# DOOR OPERATOR PACKAGES

## HOW IT WORKS

Lift Solutions provides heavy duty high speed solid state door operators to the elevator industry.

# ENCODER CLOSED LOOP FEEDBACK

Our complete solutions include:

- MOVFE Door Operator
- Harmonic Door Operators
- Linear Door Operators
- Optional Encoder Feedback
- Car Door Hangers
- Door Clutches
- Hatch Door Hangers
- Door Closers
- Switches & Contacts

User friendly equipment is matched by a helpful support staff. We strive for total customer satisfaction with quick response and pride in our products.

- Fast Order Turnaround
- Knowledgable Reps
- Competitive Pricing

## ADVANTAGES

- Direct Match to Most GAL Cartop & Door Drilling
- Factory Pre-Tested & Pretest for Your Opening
- Openings from 24” - 96”+
- Solid State Controller Included
- Integrated Infrared Edge Power Supply Included



# MADE IN NORTH AMERICA

Reliable Products,
Exceptional Service

LIFT SOLUTIONS


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# DOOR PANELS & ENTRANCES

## HOW IT WORKS

UL Labeled door panels and entrances are fabricated to meet the highest standards for finish, fit and dimensional accuracy.

Custom availability includes nonstandard widths, heights and thicknesses, exotic finishes, glass panoramic, heated sills and more.

## FULL RANGE OF FINISHES, DIMENSIONS & OPTIONS

Finishes include primed, painted, stainless #4 & #8, Bronze/Muntz #4 & #8, 5WL vandal resistant, and custom with brushed, polished or mirrored surfacing.

Options for door operation include single, two and three speed in side slide, center opening and swing door configurations.



## ADVANTAGES

- UL Labeled to 120” Height
- Solid 3/8” Barstock Headers
- Fully Wrapped, Rigid Construction
- Standard Operator Pre-Drilling
- Swing Doors
- Custom Doors Available
- Sightguards, Astragals
- Wide Choice of Finishes

## MAKE A BETTER FIRST IMPRESSION

What do your Doors & Entrances say about You?

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# ELEVATOR CONTROL SYSTEMS

## HOW IT WORKS

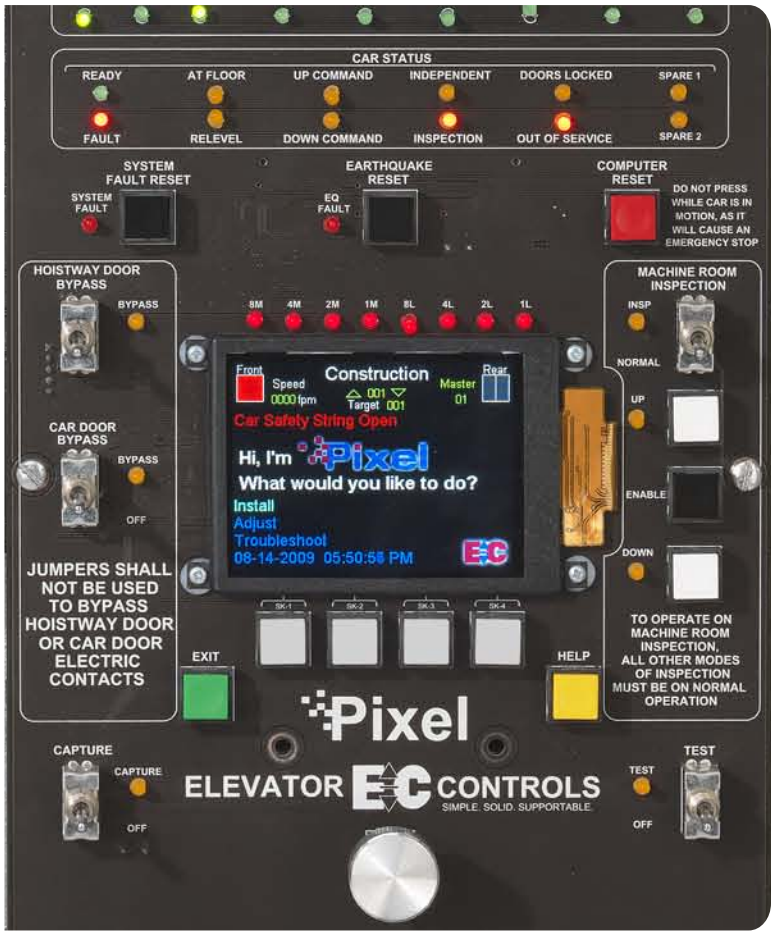
Elevator Controls Corp. has served the elevator industry for over 25 years.

With 30,000+ units in service, EC is big enough to handle any project, yet small enough to provide the individual attention you deserve.

## HYDRO, AC, DC, MRL SIMPLEX, DUPLEX, GROUP

EC microprocessor-based control systems share a single standardized platform. Standardization not only simplifies support and training, but makes EC's trademark PC board's interchangeability possible.

Capabilities range from 1000 fpm AC, 2000 fpm DC, MRL PM gearless, 64 landings and groups to 16 cars.




## ADVANTAGES

- Non-Proprietary, All Diagnostics Onboard
- Learn One, Know All Design
- Serial Monitoring Options
- A17.1-2007/ B44.07 Compliance TSSA Certified
- NEMA Rating Options
- Free Customer Phone Support
- Factory Training & Support

## SIMPLE, SOLID, SUPPORTABLE

Use the Power of Technology to Speed Up Routine Tasks

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## HOW IT WORKS

Skilled craftsmanship, cutting edge equipment and state-of-the-art technology enable our plants to produce the highest quality fixtures at competitive prices.

# HIGH QUALITY COMPETITIVE PRICE TOP SERVICE

The full product line includes:

- Car Operating Panels (COP)
- Hall Indicators & Lanterns
- Emergency Lighting
- Swing Return Panels
- Standard & Special Finishes

A wide range of button styles are available,including square and round shapes in a variety of metals and plastic, with bi-metal finishes, illuminated jewels and vandal resistant 'positive stop' features.

## ADVANTAGES

- Short Lead Time
- In-House Laser Cutting
- Extensive Button Range
- Self Cleaning Heavy Duty Coil Spring Switches
- Quality Deep CNC Engraving
- Fast Approval Drawings in .dwg or .pdf format
- Screwless faceplate options




# PUSH OUR BUTTONS

Fixtures are the human interface.
What face best reflects you?

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# GROUP 1 HYDRO RUNNING PLATFORM

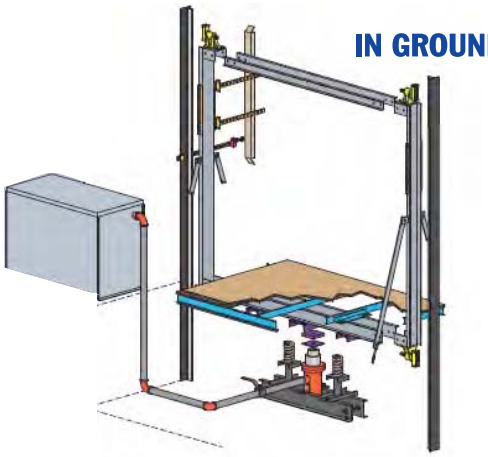
## HOW IT WORKS

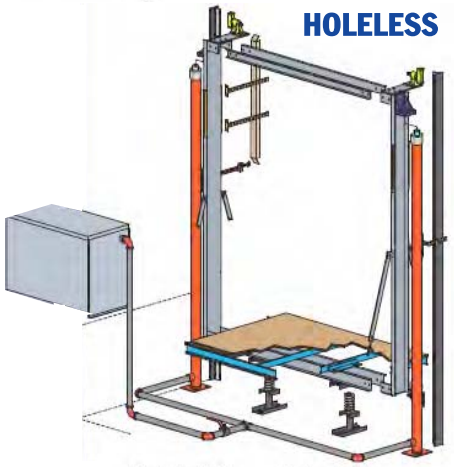
Take on ground-up modz or new construction projects with confidence using these complete Group 1 in-ground and holeless packages.

## SHORT LEADS ROUTINELY HANDLED

Source your Group 1 package - and virtually everything else you need including cabs, entrances, ceilings, door equipment, fixtures, controls, etc - from one source and priced factory direct.

Customize with an upgrade to roller, guides, checker plate, an isolated platform, a dry power unit, include a piping package, or select from many more options to meet your unique requirements.




## ADVANTAGES

- Platform w/Toe Guard; Jack; Submersible Power Unit
- Sling: Stile, Bolster, X-Head, Stay Rods, Isolated Platen, Strike Plates
- Shoes/Guides: 816SSC Standard (Single Swivel)
- Limit Switches w/Brackets/Cam
- Pit Package: Buffer Stands, Springs, Channels
- #15 Rails w/Splice Plates, Rail Brackets, Fasteners, Clips

## RUGGED OLD SCHOOL STEEL

Equipment Designed by Guys Who Install It

**LIFT SOLUTIONS**

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# HYDRAULIC PUMP UNITS & JACKS

## HOW IT WORKS

Both our submersible and dry pump units are rugged, reliable and built with the features and value you demand.

Jacks include pistons and mating cylinders that are precision machined for quick installation and years of trouble-free service.

## QUALITY JACKS IN ABOUT 3 WEEKS

Submersible pump units have flow rates from 8.3 to 255 GPM. All components are enclosed in the tank.

Dry pump units offer standard 170 or 215 gallon capacity, with custom sizes available. Choose from 80 or 120 starts/hour.




## ADVANTAGES

- ASME A17.1 Compliant
- Vic or Threaded Connections
- Welded Steep Pump Units
- Easy Access Pump Design
- Piston sizes 4” to 16”
- One Piece Pistons to 54’
- Sealed PVC Systems

## PRICE PERFORMANCE LEADERS

Quality Bread & Butter
Hydraulic Components

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# FLEXIBLE COUPLINGS & ADAPTORS

## HOW IT WORKS

Poly-Disc® Flexible Couplings addresses all four types of motor misalignment: Axial, Angular, Parallel and Angular/Parallel.

## CURE YOUR MOTOR TRAMMING HEADACHES

Unique, Taper-Lock® Bushing provides motor shaft attachment that is simple and secure yet easily repositioned.

With Existing Pin-Type Couplings (Dover, Otis) we can provide a new OEM modified “will fit” motor side coupling to adapt to standard NEMA “C” face motors - no custom shaft required.



## ADVANTAGES

- Stop Runaway Labor Hours
- Use in-stock NEMA “C” face Motors for Faster, Lower Cost Repairs
- Assure Long Motor Life
- Reduce Installation Time
- Conquer Vibration
- Protect New Motor Bearings
- Custom Flange & Coupling Sets Available

# FOOLPROOF MOTOR COUPLING

Don’t Walk Away without Alignment Assurance ™

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## HOW IT WORKS

Quality rope suitable for elevator duty starts with quality wire, which is carefully examined to assure conformity with quality standards.

# HOIST ROPE
# GOVERNOR ROPE

Only then can strands be formed into rope that will provide the right combination of strength, flexibility, resistance to abrasion and low residual elongation to maximize service life.

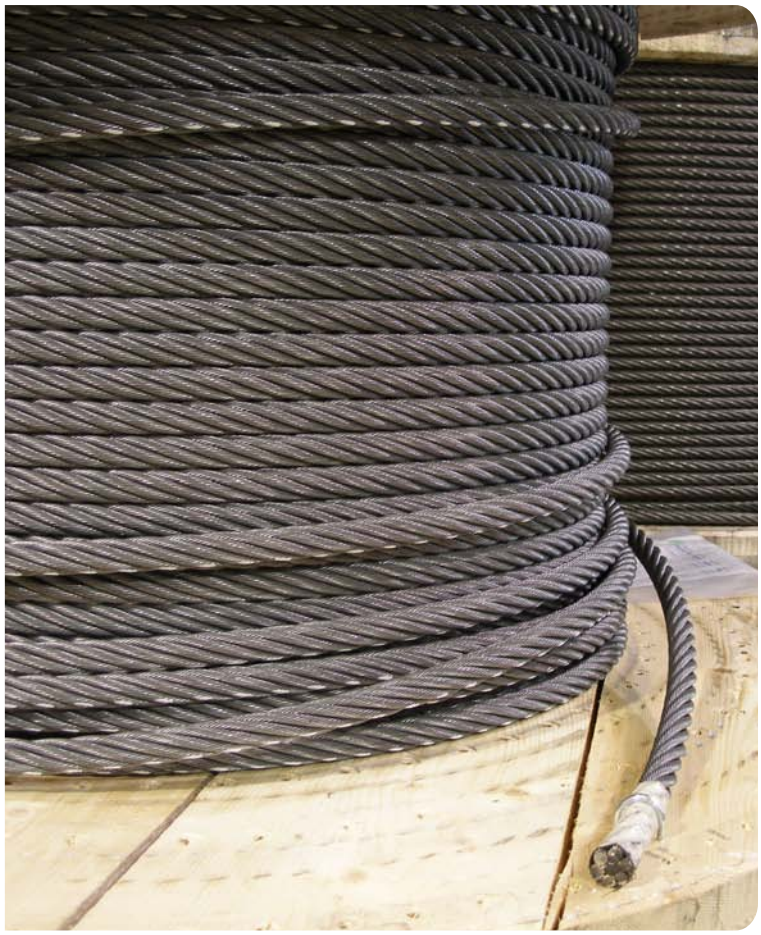
Available for quick shipment:

- Six, Eight and Nine Strand
- Popular Sizes/Configurations
- Steel, Synthetic & Fiber Core

Unique products are available for demanding conditions, like electrogalvanized rope for dams and mines.

## ADVANTAGES

- Most Popular Configurations in Stock
- Exceptionally Stable Diameter
- Minimal Stretch
- Lubricated During Production
- Most types Preformed
- Unique i-Line Reveals Twist
- Wedge Sockets Available



# THERE IS NO SUBSTITUTE

USA Made Rope
ISO 9001 Quality

LIFT SOLUTIONS

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