OPENING

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For years, CARLO GAVAZZI has been providing automation solutions to the elevator and lift industry. Whether it’s our Dupline® Elevator I/O Bus, our three phase monitoring relays or our other products shown above, CARLO GAVAZZI will provide you with the solution. We have recently expanded our offering to include elevator light curtains, and contactors with CSA elevator ratings.

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OPENING THE DOORS TO THE WORLD: THE AUTOMATIC DOOR OPERATOR

by Trevor McQuay

Twenty-four hours a day, seven days a week, it works without the need for food or water. It needs neither sleep nor praise. Millions of people use it without taking notice; that is, with exception to those responsible for its maintenance, development and installation. There are very few devices that man has crafted that are responsible for so much, yet have so little appreciation. If removed from our inventory of available innovations, civilization would not look the same. If you have not already guessed, I speak of the elevator, the lift and the vertical train, but to be more specific, the invention of the automatic door operator — the equipment that opens the doors to the world.

Those of us who work in the industry have a range of options available from various OEMs for elevator equipment; however, GAL Manufacturing and Elevator Components Industries, Inc. (ECI) are well-known manufacturers of third-party non-proprietary door operators that are suitable for almost any site condition. Both are standing partners, along with Hollister Whitney Corp. and GAL Canada. This team manufactures a wide range of elevator devices and equipment; however, today is the door operator’s day — its 5 min. of fame.

One of the innovations in the world of door operators has been the automatic door operator. Before elevators were fully automated, it was common to have an elevator attendant operate the opening and closing of the doors and/or gates. Like many devices we have grown dependent on in our society, the door operator has seen many changes. It has evolved to meet the demands of its users, allowing us to keep up with today’s faster pace. For example, current door operators are expected to provide faster door opening and closing speeds, even when variations of door and wind conditions are present.

Today’s door operators have proven to be dependable workhorses, having evolved to become highly sophisticated by utilizing modern technologies such as serial protocols, optical sensors and encoders, making the use of closed-loop and variable-voltage, variable-frequency (VVVF) drives possible. By using these modern technologies, we now have greater control over the door operator’s operation, thus providing superior performance and safety for passengers.

We have seen many different concepts in the mechanical design of the door operator over the years, from hydraulics to screw-type drives, but the best mechanical designs have stood the test of time for some 20-plus years. All have served the industry well; however, what you will typically find today is a harmonic crank-arm-driven door operator such as the ECI VFE 2500-HH or the GAL MOVFR. A growing trend in the industry is the use of a linear belt or chain-driven door operator. The linear design operator has proven more than acceptable for European-style doors for at least the last decade. With improvements in operation and control, and the reduction of noise levels, engineers, consultants and mechanics are finding more frequent applications for linear operators in North America.

Both harmonic and linear drives have their place in the industry, with harmonic being the better choice for existing harmonic modernizations, as well as heavy and tall doors. The linear drive is a lighter unit with fewer moving parts; thus, it needs less maintenance and, in some cases, such as the VFE2500-HL, is extremely quiet.

The products from ECI represent the state of the art for power door operation. ECI offers two high-end door-operator designs, the VFE2500-HH (heavy-duty harmonic) and the VFE2500-HL (heavy-duty linear). Both are hybrid GAL/ECI products utilizing GAL electrical and ECI mechanical technology.

The door operators utilize an encoder-feedback closed-loop drive, fail-safe operation in the event of encoder failure, serial communication to the GAL Galaxy controller, plug-and-play detector capability, VVVF drive and heavy or narrow door controls. All this can be adjusted with an easy-to-use handheld keypad. The mechanical components of the VFE2500 are built using quality bearings, heavy-gauge steel construction, belts and/or chains. If the appropriate door operator is selected for an application and properly installed and maintained, it can provide many years of dependable service.

The power elevator door operator has come a long way since its first appearance. ECI and GAL are committed to producing high-quality door equipment that will meet the demands of the future. No one knows what the future will bring, but one thing is for sure — door equipment from ECI and GAL will continue to open the doors to the world.
SEMATIC 2000 B-G: THE LIFT DOOR FOR FREIGHT ELEVATORS

A door for freight elevator needs to be not only robust, but it has also to guarantee safety and reliability in all operative conditions, even in the extreme ones. Sematic 2000 B-G satisfies these requirements thanks to a set of constructive solutions specially designed for this application such as reinforced expansion skate, frame and panels, increased rollers and steel upper tracks.

Furthermore 2000 B-G features partially on the floor door posts assuring easy and stable installation. It's available in a wide range of fire rated certifications, EN 81-71 class 1 and 2 anti-vandal executions, glass panels, portal constructions and many more. 2000 B-G is the ideal solution for elevators in airports, undergrounds, railway stations, shopping centers, hospitals (e.g. for stretchers), service lifts (industrial, residential, offices), vehicle lifts and in all those applications where the doors can be potentially hit.

Sematic 2000 B-G comes with different options and certifications covering a wide range of solutions, and if you can't find what you need in our standard range, our engineering office is always at your disposal for product customization!

COLUMBIA ELEVATOR QUIKDOORS MINIMIZE DOWNTIME!

By popular demand, Columbia Elevator Products Co., Inc. continues to expand its QuikDoor® Program, designed to minimize downtime. When you have a customer who just can't wait, Columbia will ship your standard-size door in as little as 48 hours!

We have in-stock, single-speed, two-speed, and center-opening doors available in standard sizes, featuring sturdy construction, with a unistrut top channel to make installation quick & easy, to save time and money. Columbia leads the industry by prominently displaying UL labels on every product, including hoistway doors. Additionally, Columbia offers Harmonic door operator and track equipment – extremely well-constructed standard and closed-loop operators – well suited for new construction, and bearing CSA labels.

PEELE HSD (HORIZONTAL SLIDING DOOR)

The Peelle HSD is a multi-panel, hoistway and car door system including operators and control equipment. An ideal solution for freight/service elevators which also carry passengers; doors are available up to 24’-0” wide by 13’-11” high.

Features:
- A patented Linkage System, no pulleys or cables.
- Reinforced panel construction, designed for demanding applications, 14 gauge sheet steel with vertical stiffeners.
- “Track Jack” mounting base simplifies installation of the header assembly.
- Patented Car Door Lock
- Landing Door Lock, tested and certified.
- Self Cleaning Sills, prevents door binding, canting or sticking due to debris and/or low maintenance.
- Heavy Duty Door Panel Retainers, built for strength, functioning under extreme conditions.
- Peelle HSD Door Operator, VVVF closed Loop, self-adjusting, reliable operation designed for heavy duty use.
- Door Finish. Standard baked-on powder coat or Stainless steel cladding.

Unique Applications:
- Different opening heights on the same line of doors; Peelle special clutch design.
- Capacities greater than 30,800lbs.
- Limited floor to floor heights; Peelle provides a combination header/sill assembly.
- An excessively wide opening, with key switch control, to change form normal passenger use of the 4 panel opening to a full 8 panel opening for full loading use.
- Facilities which transport passengers and require the movement of freight.

Peelle HSD System:
- Airports for passenger/luggage use, retail stores which carry shopping carts/passengers, museums to move wide pieces of art and patrons, vehicle and operator transport, etc.; heavy duty, wide, horizontally sliding doors.
MOVFR FROM GAL

MOVFR is the fastest, safest, easiest and most dependable power door operator ever available from GAL. If you are not installing MOVFR, you don’t know how good a door operator can be.


For details and ordering, contact:
GAL Manufacturing 718-292-2000 Ph www.gal.com - Web
50 E 153rd Street 877 425-3538 Toll Free info@gal.com - Email
Bronx NY 10452 718-292-2034 Fax
GAL Canada 416-747-7967 Ph www.galcanada.com - Web
6500 Gottardo Court 888-425-2262 Toll Free Info@gal.com - Email
Mississauga ON L5T 2A2 416-747-9035 Fax

WINTER & BAIN: SUPERIOR CONSTRUCTED DOORS

At Winter & Bain we provide superior construction with several state-of-the-art features and options with prompt delivery. Our solid constructed units consist of U.L. approved H.M. doors, non-vision wings, door gibs, door retainer brackets, 14GA frames, strut angles, “Z” brackets, 7GA sill support, 16 gauge cold rolled steel, 20 gauge stainless steel skin, dust cover plates and more.

Winter & Bain builds U.L. approved doors up to 7 feet high and 5 feet wide. We offer optional baked enamel, stainless steel and brass finishes to enhance the look and feel of your doors to match the rest of the building. Our solid manufacturing process creates a product that will last and support any of your elevator door needs.

Winter & Bain manufactures custom doors in single slide, center open or two speed units. With our prompt delivery service, our units come completely assembled, ready to install or knocked-down entrances for shipping. Order your superior constructed doors and entrances from Winter & Bain today.

JANUS PANA40PLUS PROVIDES WORLD-CLASS DOOR EDGE PROTECTION

The Pana40 Plus infrared safety edge is the door protection of choice for busy service companies. The Pana40Plus delivers consistent quality and versatility, saving you both time and money.

The distinctive design of the Pana40Plus allows fast installation with no alignment issues, getting your teams back on the road faster and allowing them to be more productive.

The Pana40Plus features diagnostic LEDs to assist service engineers with troubleshooting to reduce call-out times, again increasing mechanic productivity and reducing down time.

The incredibly robust design of the Pana40Plus makes it one of the most reliable door edges in the industry, with many of these edges still in operation after 20 years or more. By eliminating the need for service calls, the Pana40Plus saves you both time and money.

The Pana40Plus combination of quality, reliability, and rich features, make this the detector of choice to cover a maximum variety of installations. Available in Standard, Leading Edge, Ultraslim, Slimline and 3D versions.

Contact Winter & Bain today to order your doors and entrances. Call 213-749-3561 or email us at Ada@elevatorresearch.com.

Janus Elevator Products
Tel: 800-527-9156
Fax: 631-864-2631
E-mail: sales@januselevator.com
cegard/Mini – SIMPLY THE BEST

The cegard/Mini’s price/performance ratio makes it the best elevator safeguarding light curtain in the world. No other light curtain offers the features, ease-of-installation, robustness and reliability offered by the CEDES top-seller.

The cegard/Mini is ideal for both static mounting (34 and 74 beams) and dynamic mounting (154 beams), thanks to its very robust design. It thus offers a dense monitoring area and a selectable surveillance height of 1,582 mm and 1,820 mm. In addition, the cegard/Mini has a 4 m operating range, PNP / NPN (Push-Pull) semiconductor output and features an integrated controller and an LED integrated into the edge.

All this means easy upgrading of elevators in apartment blocks and business premises across all price and performance segments.

This Swiss-quality product has a lifespan of over 20 years and its cable is designed for over 20 million door movements.

VFE2500-HH CLOSED-LOOP HARMONIC DOOR OPERATOR

Please welcome North America’s newest jewel the VFE2500-HH, one of our latest editions to our Door Operator family. Typically used on the most demanding and prestigious of installations, this harmonic Door Operator is second to none. The VFE2500-HH is the finest in modern heavy-duty, non-proprietary closed loop Door Operators. With its intelligent yet simple to use drive, the VFE2500-HH delivers superior control and performance. Utilizing an encoder, VVVF drive, and optical sensors this Door Operator will optimize control of the elevator door(s) once the door width is learned. As an added benefit the VFE2500-HH will fall-back to slow mode in case of encoder or sensor failure preventing unnecessary shutdowns. Packed with features such as serial communication, plug-and-play infrared detector, heavy/narrower door I/O board, and hand held parameter unit we have set a new standard for Door Operators. Set up is a breeze with universal controller input voltages from 24-230V AC/DC and 115/230VAC power supply versions available. If ever in doubt about what Door Operator to pick; the VFE2500-HH will put your mind at rest.

SMART LOCK

Rocky Mountain Elevator Products, LLC has developed the new Smart Lock; a safer, 100% code compliant, quality-built door lock. Being a residential elevator contractor for over 20 years we know first hand the safety liability and other issues that door locks cost us all. We wanted to design a lock for the real world, where doors move and can change swing without notice. With safety being the number one issue in our trade, the Smart Lock was designed to eliminate the possibility of the elevator door being closed but not actually locked.

The Smart Lock is the only lock you will need to keep in stock. No more carrying multiple brands of both left and right hand locks in AC and DC models. Key features that set the Smart Lock apart: Right or left hand installation; just flip the cover around. 24V AC or DC. A positive contact safety with no micro-switch. Built-in adjustability. No plastic parts, the Smart Lock door keeper is made from Delrin a product that is 5 times stronger than plastic. LED diagnostics. All steel construction. Safety circuit wired with fire-wire. Field wire terminal plug or CAT5 for plug and play systems. Lunar key style door plug. Complete mounting hardware for both hollow and solid door installs.

Visit us at rockymountainelevatorproducts.com for more information and to view new quality products to come!
• Fully Code Compliant – TSSA Certified
• Non-Proprietary - Free GAL support for maintenance company
• Free exceptional on site and phone technical support
• Excellent service parts availability and pricing
• Regularly scheduled free training
• GALileo Remote Monitoring - Inexpensive, effective, web based. No special software or license
• Same basic control for Hydro, AC Geared, AC or DC Gearless
• Maximum Efficiency:
  • Regenerative Drive available for energy savings
  • Constantly recalculated ETA’s provide fastest response times
• LED Car and Hall button colors are selectable from the controller
• Unparalleled ride quality - smooth and stepless

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A World of New Products Backed by Our 80 Year Old Commitment
COURION- OPENING QUALITY FREIGHT DOORS AROUND THE WORLD

For over 90 years, COURION has provided elevator contractors around the World with power and manually operated Freight Elevator Door Systems. COURION's complete product line includes fire rated freight doors, car gates, and freight car enclosures. In addition, COURION is the sole manufacturer and provider of the CART-MATIC and TOTE-MATIC material lift systems - all of which is complimented by a complete line of replacement parts for COURION, Security, Harris Preble, Guilbert, and Energy equipment.

Want to modernize or power-operate an existing freight door installation? Call COURION. We have the engineering expertise, field knowledge, and available equipment to power operate any existing freight door system. Whether you have Security, Harris Preble, Guilbert, Westinghouse, Otis, Peelle, or EMS freight doors, COURION can provide you with a solution that includes a complete hoistway survey, state-of-the-art closed loop door controls, and dependable, maintenance-free power operation. All at a fair price.

For a quote call (800) 533-5760 or (314) 533-5700, or e-mail COURION at sales@couriondoors.com. For additional information visit our web site at www.couriondoors.com.

JANUS COMMANDER TOUCH SCREEN RECEIVES MULTIPLE AHJ APPROVALS

The Commander T2 touch-screen car operating panel from Janus Elevator Products has been granted approval for use as the main elevator car operating panel by both the New York City Department of Buildings Elevator Division and the Phoenix Planning and Development Department. The T2 is the first touch screen approved in the United States.

After reviewing the T2, both the New York and Phoenix AHJ's determined the vandal-resistant panel to be in compliance with ASME A.17.1, ICC/NCANSI A117.1-1998, and all local codes. The easy to install panel increases elevator efficiency for transit time, enhances passenger experience and lowers the effect of wear and tear.

The Commander T2 car operating panel replaces traditional mechanical push buttons, going beyond simple functionality. The touch panel allows users to choose floor direction with a customizable interface that can be matched to building décor and programmed to deliver supplemental information. High resolution graphics pair tenant logos with floor buttons, provide multimedia building information and entertainment, or deliver advertising messages.

WIRELESS DOOR CONTROLLER

Peelle has released their new Wireless Controller. The new control system provides constant Wireless Communication between all landing doors and car door (1 controller per line of doors); wireless controls create a more reliable, truer, operation; wiring time for the Peelle equipment has been reduced by 40-50% (up to 1 day per door or gate). The Control system also provides Closed Loop Feedback and true door positioning, eliminating the need for limit switches and sensors, another time savings. The Variable Voltage Variable Frequency Drive, utilizing the latest inverter technology and motor protection, is self learning – self adjusting which creates a smooth open and close sequence. This feature improves equipment life by reducing wear and tear as well as reduces the noise of mating steel parts. It's also 100% Machine Room Less, no bulky door controllers taking up valuable machine room space. The wireless door controller uses less energy than traditional start/stop methods and requires less material for installation, so it's Green too! An LCD Display provides on-board diagnostics displaying live status of all control system equipment. Since the door controllers are installed at each landing, servicing can be performed by one technician. The controller comes ready for use, just plug in the door hardware and turn on the power, true Plug and Play. The new Peelle Wireless Controller is available now for those applications that utilize Slave Mode. It will be provided as standard equipment at the same price level as Peelle's current control system. For more information email sales@peelledoor.com.
SEMATIC 2000 B-HR: THE AUTOMATIC DOOR FOR HIGH-RISE ELEVATORS

One of the main themes in today's high-rise buildings is traffic management: it opens a range of technical issues on safety, performance, reliability that affect all those devices involved in people transportation and therefore lifts and lift components. Lift doors play a really important role in traffic management, since they strongly affect performance; that's why they must have high quality design, careful production and stressful testing; Sematic experience brought to life a Top-level set of doors dedicated to high-rise buildings, 2000 B-HR.

2000 B-HR features robust structure, reinforced and enlarged components, panels and headers, that have been studied to move heavy panels in short times and low noise conditions. All of the performances are tuned on EN-81 requirements (think about kinetic energy for example) making this product line the top-performer in its class. As a matter of quality and reliability our doors are tested for millions of cycles in their most delicate components, and everyday thousands of installations are running for thousands of cycles moving thousands of persons forth and back. A broad portfolio of finishes, options and certifications complete this product line, making it easy to integrate into every top-level architectural design.

ELEVATOR PRODUCTS CORPORATION (EPCO) - DOOR GIBS, CHASSIS, Z-BRACKETS & RAIL GUIDES

EPCO door gibs can be purchased in bulk (increments of 100’s) or individual sets. EPCO also has fire door retainers (Z-brackets), chassis, roller bearings, fans/grilles, car top inspection stations, pit switches, escalator start/stop stations, standard & custom elevator fixtures, replacement rail guides, & more.

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NATIONAL ELEVATOR CAB & DOOR

National Elevator Cab & Door provides custom doors and entrances including standard and non-standard widths, heights, thicknesses. Exotic materials and finishes are available in all sizes. Some of our advantages include UL Labeling (up to 96”), sight-guards, astragals, and pre-drilling which save you time and money in the field. National Elevator Cab & Door also provides steel barstock and welded ribs to stiffen the doors. With all these features, we are able to meet your various needs for most any elevator project.

National Elevator Cab & Door’s SecureSlide™ Entrances make the installation process easier, safer and faster with field friendly benefits including; no-hand entrances, multi-tasking in the shaftway, accelerating the construction timeline, installing from the hall and not the platform and increasing safety on the job site. Our many years of experience allow us to provide unique product benefits for our customers.

National Elevator Cab & Door builds doors, entrances, cabs and fixtures to have a complete consistent look and feel to keep your building looking professional. You dream it and we can build it.

For more information contact Sematic Elevator Products at +39 035 4815100 or go to www.sematic.com

Elevator Products Corporation (EPCO) - Door Gibs, Chassis, Z-Brackets & Rail Guides

For more details, dimensions and ordering, go to our Online Store by clicking on “Parts” on www.epcoprod.com.

National Elevator Cab & Door builds doors, entrances, cabs and fixtures to have a complete consistent look and feel to keep your building looking professional. You dream it and we can build it.

For more information contact National Elevator Cab & Door at 718-478-5900 or email us at sales@necd.com to order your custom doors and entrances today.
SEMATIC 2000 B: THE MULTIPURPOSE LIFT DOOR

Ideal for any application, Sematic 2000 B features high flexibility, a large portfolio of finishes and fixings and combines reliability and flexibility with pleasant aesthetic design for every architectural solution. Wide range of frame customizations, special executions, installation in the shaft or in recess are only a few of the features of this product. As an alternative to standard 135mm door posts, Sematic can offer portal constructions, even with framed glass door posts and increased header. For the most demanding installations, the product can be further configured and customized: sizes can also be decreased and components can be designed on specific needs; Sematic Engineering department is at customers’ disposal for this scope, to satisfy any request.

Sematic 2000 B covers a wide range of international regulation requirements and fire certifications, even for glass executions; all of Sematic products are designed, produced and tested to satisfy high technical and qualitative standards, with special care to safety. Wherever aesthetics is a must, Sematic 2000 B offers prestigious solution, such as glass executions (with or without glass frame), hidden bottom track, under-driven operator and a pool of other options, make these products perfect for the integration into the most ambitious architectural projects.

For more information contact Sematic Elevator Products at +39 035 4815100 or go to www.sematic.com

VFE2500-HL CLOSED-LOOP LINEAR DOOR OPERATOR

Built to North American standards, the VFE2500-HL has arrived to bring forth a new dawn of quality Door Operators. Quite possibly the quietest and most versatile of Door Operator, this linear belt driven design is one of a kind. Clearly a world class product the VFE2500-HL exceeds the demands of modern architectural limitations. The very nature of our linear design is virtually maintenance free, and when coupled with our car door header you can expect a labor savings during installation. The VFE2500-HL is the finest in modern heavy-duty, non-proprietary closed loop Door Operators. With its intelligent yet simple to use drive, the VFE2500-HL delivers superior control and performance. Utilizing an encoder, VVVF drive, and optical sensors this Door Operator will optimize control of the elevator door(s) once the door width is learned. As an added benefit the VFE2500-HL will fall-back to slow mode in case of encoder or sensor failure preventing unnecessary shutdowns. Packed with features such as serial communication, plug-and-play infrared detector, heavy/narrower door I/O board, and hand held parameter unit we have set a new standard for Door Operators. Set up is a breeze with universal controller input voltages from 24-230V AC/DC and 115/230VAC power supply versions available. If ever in doubt about what Door Operator to pick; the VFE2500-HL will put your mind at rest.

Jim Dunn, Product Manager: 847.465.6100 x106 or jdunn@carlo gavazzi.com

SOPHISTICATED LIGHT CURTAIN FOR ELEVATOR DOORS

Carlo Gavazzi’s BFL Series is a sophisticated light curtain for elevator doors. This new light curtain is loaded with features, yet incredibly simple to install and use. Designed as a protective ‘screen’ for elevator doors, the BFL will reliably and safely detect people and objects in the door opening of elevators, preventing doors from closing while obstructed. It is provided in two beam configurations – 104 beams for standard applications, and 194 beams for applications that require detection of small objects throughout the height of the door (such as detecting forklifts entering service elevators). All versions feature a dual voltage input and have 6 output configurations in a single unit!

Additional features that enhance the durability and flexibility include 100,000 lux light immunity, so the BFL can be used in bright and outdoor installations. IP54 and IP65 versions ensure that the right environmental protection is available for any application. Blanking and timeout functions guarantee that the BFL will continue to work, even if there are permanent obstructions or damage to the BFL.

The BFL is supplied with 4m of cable, color coded by transmitter and receiver for simple installation and maintenance. The light curtains are UL approved and CE marked, giving assurance of a high quality and safe product. It is available from Carlo Gavazzi’s North American network of sales offices / distributors or www.GavazziOnline.com.
Tired Of Getting
When You MODERNIZE
Existing Freight Doors?

Call COURION. We Can Power Operate Your Existing Peelle, Otis, Westinghouse, or EMS Freight Doors. You’ll Like Our Price! You’ll Love Our Equipment!

COURION can power operate any existing freight door system. Whether you have Security, Harris Preble, Guilbert, Otis, Westinghouse, Peelle, or EMS freight doors, COURION can provide you with a solution that includes a complete hoistway survey, state-of-the-art closed-loop door controls, and maintenance-free power operation - ALL AT A FAIR PRICE!
JANUS VANGUARD SERIES OF ELEVATOR FIXTURES SET NEW STANDARDS

Janus Elevator Products introduces the Vanguard series of pre-engineered elevator car and hall operating stations. The Vanguard series from Janus, a trusted brand for more than a quarter century, combines a sleek, modern look with the three most important criteria for contractors – quality, price, and availability.

Ordering is simple with our flexible pre-priced configurations. The Vanguard series features trouble-free push buttons, E-motive digital displays and EMS hands-free phone systems. And every Janus Vanguard fixture order ships within three weeks!

With our comprehensive and easy to use order forms, you can clearly specify your needs, eliminating the approval process and saving you time and money. And the conveniently standardized price list allows you to accurately price your order.

The Janus Vanguard series of elevator fixtures is designed to meet 2004 (or later) ASME A.17.1 requirements and accommodate local and state codes.

FREIGHT TECH - THE FREIGHT ELEVATOR DOOR EXPERTS

Need a freight elevator system installed, repaired, adjusted, or maintained in the greater New York City area – Call Freight Tech.

Freight Tech utilizes the skills of I.U.E.C. mechanics with over 60 years of combined freight elevator experience to install, repair, and modernize any type of freight elevator door system in the greater New York City area. Whether you have a COURION, Security, Harris Preble, Guilbert, Westinghouse, Otis, Peelle, or EMS freight door system, Freight Tech can provide you with the necessary manpower and expertise to insure the trouble free performance of your freight elevator door system.

For an installation or repair quote, call Michael Lilly at (631) 232-2075 or (631) 767-8966, or e-mail him at molilly@freighttech.com. Freight Tech is a wholly owned subsidiary of COURION. Please see COURION’s listing for additional information.

WOODFOLD ACCORDION GATES TO SAVE SPACE

Woodfold manufactures accordion folding gates for residential elevator and LULA applications. Our gates save space, are durable, and are safe.

We offer many finishes: hardwood, vinyl-laminate, acrylic, aluminum, high pressure laminates, and combinations of those materials. Our custom finish capability is industry leading. All gates ship in 2 weeks for standard product.

A 100% Employee Owned company established in Forest Grove, Oregon in 1957.

Contact/order information:
Woodfold Manufacturing, Inc.
phone: 503-357-7181
fax: 503-357-7185
www.woodfold.com/elevator
Fermator doors are developed using the most advanced technology and the most avant-garde design to bring virtual concepts to reality.

The investment in Research, Development and Innovation of its products allows Fermator to have a wide range of products, combining the highest standards of quality and safety to tackle the increasing regulatory requirements worldwide. Please consult our Commercial Department.

Fermator, the door to your projects.
PRIVATE-QUIET-SECURE “ZERO CLEARANCE” ENTRANCES BY EDI/ECI

Zero clearance entrances offer an additional layer of security and privacy to single tenant floors, secure areas and private elevator entry ways. This is made possible by adding a swinging door on the landing side of a traditional sliding entrance frame. Our custom frames are constructed to accept this additional door, and can be fabricated to accommodate a number of entrance sizes and configurations.

In addition to technological barriers such as restricted access, proximity or card readers, and key fobs, the 0-clearance entrance adds a physical layer of security and privacy to any elevator landing. In the event of a technology failure, a locked door at any landing can let tenants rest assured. Utilize our metal swinging door, or tenants can add their own custom wood or decorative door to our frame, which can be set up to accommodate a vast range of door types.

Along with security benefits, 0-Clearance entrances can buffer shaft noises that penetrate traditional elevator entry doors such as gongs, arrival chimes, nudging or other related sounds.

2000 C-MOD: THE AUTOMATIC LIFT DOOR FOR MODERNIZATION PROJECTS

Do you need to upgrade your existing lift doors to comply with EN 81-80 requirements? Do you need a compact, flexible solution for modernization without giving up performance, quality, cost and safety? Sematic 2000 C-MOD is the answer that will enhance performances, passenger safety and comfort in your existing lift systems. Featuring a wide range of options, 2000 C-MOD doors come with (C-MOD-Boxed Frame) or without frame (C-MOD-Naked and C-MOD-Naked Gap Closing), giving flexibility to your installation’s needs. Our product offer for modernization is suitable for a wide range of existing installations and can be customized according to the different characteristics of your lift.

Car doors can be coupled with automatic (C-MOD K-AUT) or manual swing landing doors (C-MOD K-MAN), for those situations that need car door upgrade only. They can all be equipped with standard Sematic Drive System (SDS) controller for higher performances and control or with standard SRS for cheaper solutions. Sematic 2000 C-MOD has a minimum 117mm bottom track package, making it a small and compact solution, without giving up robustness and quality that are typical of Sematic products.

JANUS PHONE LINE MONITORING PANEL MEETS 2009/2010 ASME CODES

The Line Monitoring Alert (LMA) Panel by the EMS Phone division of Janus Elevator Products is designed to help you meet ASME 2009 and 2010 code requirements for both audible and visual signals in the lobby in the event of phone line failure. When used with our EMS phones, that have the phone line monitoring option, the LMA unit provides complete code compliance for any system.

If more than one elevator phone needs to be linked to the LMA panel, a Line Monitoring Expansion (LMX) unit can be mounted in the machine room. The LMX unit allows up to ten elevator phones to be connected to a single LMA panel.

The LMA/LMX system is designed to provide both audible and visual signals when a phone line fails, and resets automatically when the phone line is restored. The system provides an onboard volume control for the audible signal, as well as a manual keyswitch reset to silence the audible signal. A test feature is available.
Heavy duty
with all the details of a classic

The VFE2500

- The most intelligent door operator
- Double feedback system closed-loop system utilizing both encoder and a VVF drive.
- Plug n’ Play infrared detector edges (NPN and PNP)
- Auto fallback to slow mode if sensors or encoder fail
- Serial communication option
- Universal inputs and outputs
- Over-torque and over-speed detections
- Nudging, narrow door, heavy door options
- Key Pad comes standard with VFE
- CSA certified
Today vertical transportation systems require up-to-date technology with advanced components. Sematic Lift Doors address this requirement with innovatively designed products and state of the art manufacturing processes. Sematic Lift Doors are successfully used in every field of application, from passenger to goods movement in various types of residential, industrial, commercial and office buildings. Performance and safety standards are always guaranteed by the Sematic brand and our wide range of customization options satisfies even the most demanding requests. Sematic Lift Doors, where technology meets style.