# Cisco-Eagle

# MATERIAL HANDLING

## INTEGRATED SYSTEMS AND SOLUTIONS TO OWN THE OUTCOME

# Own the Outcome: From the First Idea to the Last Bolt

## OUR CUSTOMERS SPEAK FOR US

Customers review Cisco-Eagle through an independent service. Whether good or bad, we publish every review. Exceptional service means great attitudes, streamlined processes, training, responsiveness and commitment.

*All companies claim great service, but few publish customer ratings in real time.*
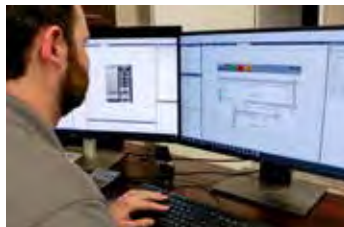
### Quick reference

## SYSTEMS INTEGRATION

### Design & implementation

**Page 3**: From the first idea to the last bolt, we deliver complex turnkey automation projects that transform your operation.

## SYSTEMS TECHNOLOGY

### PLC controls engineering

**Page 9**: We program, fabricate and implement PLC controls to streamline automated material handling systems.

## FIELD SERVICES GROUP

### Service and maintenance

**Page 10**: We repair and maintain conveyors, lifts, dock equipment and specialized machinery to keep you moving.

## SAFETY AUTOMATION

### Forklift safety systems

**Page 46**: Smart systems leverage sensors, automated gates, and alert technologies to guard dangerous interactions.

# Office and Service Locations: *Call 888.877.3861*

## WE'RE HERE TO SERVE

- Austin
- Birmingham
- Charlotte
- Dallas
- Houston
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- Jonesboro
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- Nashville
- Oklahoma City
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- St. Louis
- Tulsa
- Wisconsin

Field Services: 24/7 toll-free: 800-230-9247

# Material Handling Systems

www.cisco-eagle.com/systems

"Count on us to get your project right with a combination of personal touch and deep resources that makes the difference in every phase from design and implementation to support and maintenance. We'll help you create an efficient, faster operation."

—Joel, Employee-Owner Since 1999

shop talk



### VIDEO: AUTOMATION

*How do we approach automation? How should you evaluate your needs? What is the business case for automation?*

### CASE STUDIES

*Real life, real companies, real results. A range of case studies, project profiles and extensive information on material handling systems.*

## Improve your bottom line

Distribution, manufacturing and warehousing are chaotic. Take control of your processes, equipment, personnel, space and time. When do things get done? Are too many labor resources required? How can you optimize?

Material handling systems are the secret weapon of profitable companies because they cut costs, boost productivity and elevate customer service. Cisco-Eagle helps companies design and implement material handling systems that increase control of these factors.

## Savings that fall to your bottom line

Are your pick rates lagging? Is your space cramped or disorganized? Are there too many bottlenecks and safety concerns? Adding people isn't the answer. That's a short-term fix, and you'll be stuck with ongoing costs, assuming you can find enough staff in the first place.

## The right people make it happen

Our experienced team helps you succeed with a problem-solving mindset. We have decades of experience and an innovative mindset.

## From concept to action

Great design alone won't cut it. Managing complex details isn't enough either. You must have great implementation. Our installers, project managers and site coordinators produce and execute detailed plans. You'll receive accurate updates, precise scheduling and seamless system synchronization—all from one trusted source.
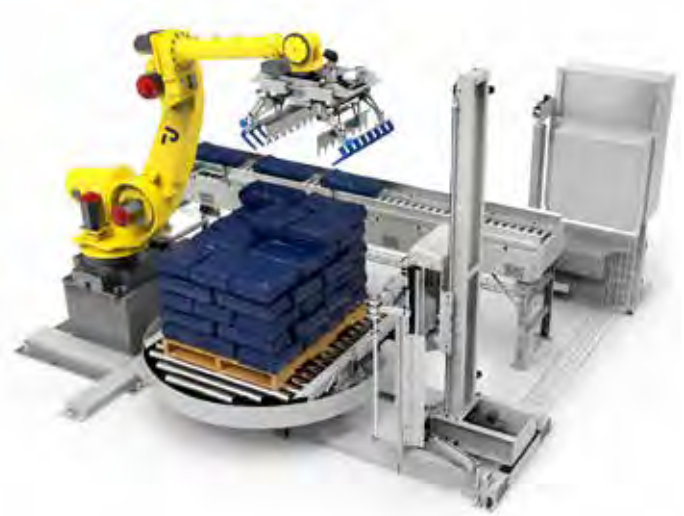
## Single-source turnkey systems

We provide comprehensive turnkey solutions. You have only one source responsible for information on your project and its myriad details.

# Palletizing Automation: the Options

www.cisco-eagle.com/palletizers



**Conventional palletizers** are ideal for high-speed, high-volume operations involving extended production runs of identical products. They're extremely safe and consistently produce stable and square pallets.



High-efficiency **robotic palletizers** handle multiple SKUs, adapting seamlessly to different speeds and automation levels. Ideal for low to medium production capacity, known for high uptime and superior reliability.

### End-of-arm-tooling palletizer options

**VIDEO**



*Shoptalk Video: Cobot vs. fully-automated palletizers.*

- **Custom effectors**: create the exact end-of-arm tooling you need
- **Vacuum grippers**: perfect for products that are hard to grip
- **Clamp grippers**: ideal when you can't pick products topside
- **Finger grippers**: securely grip items from the sides
- **Fork grippers**: picks bags and non-flat items from conveyors
- **Magnetic grippers**: fast, efficient multi-product picking and full-layer grabs
- **Layer grippers**: handle full layers of pre-positioned products with ease
- **Pail grippers**: transport and securely stack buckets or pails
- **Ring grippers**: handles drums and other large round objects
- **Servo controlled grippers**: precisely controls grip force, speed and position
- **Pallet and slip sheet grippers**: handles pallets and slip sheets



## Cobot Palletizing Systems

Efficiently palletize lighter cartons in standard configurations, striking a balance between manual and full automation.

- Boosts accuracy and throughput while slashing labor needs by 65%
- Occupies a smaller footprint than conventional palletizers, which lets you integrate cobots into tighter spaces with less impact on your layout
- A cost-effective solution for the right load and setup
- Software optimizes motion based on the pallet layout, which lengthens robot life
- Pre-connected hardware and software simplify and accelerate implementation, enabling high cycle times and speeding up ROI

# Pick-to-Light Systems

www.cisco-eagle.com/picklight

"When your metrics align, pick-to-light is transformational. Its hands-free simplicity reduces costs by accelerating picks and improving accuracy. No worries about new employee training, language barriers or reading skills."

—Amanda,
Employee-Owner Since 2013

LIGHTNING PICK

## Supercharged order picking

Order picking is labor-intensive, so you should streamline the process. Pickers work better when they aren't forced to read pick tickets. Light modules are mounted to storage media at each location. Pickers scan bar codes to activate orders, with lights guiding them to the required SKUs, locations and quantities.

### SEE MORE

Videos, applications and more.

# Pick Modules for High-Speed Fulfillment

www.cisco-eagle.com/pickmodules

## Storage density, inventory rotation and optimized order picking

Pick modules supercharge picking productivity and enable first-in, first-out rotation. They deliver exceptional storage density and fast picking for a range of products while they automate order flow. This combination reduces what may be the least productive thing your pickers do—travel time—and enforce inventory rotation within a tighter footprint. We'll help you design a scalable, flexible system.

Configured with racks—which are often the support structure—conveyors, flow storage, shelves and modular storage, they let you design storage, fulfillment and picking strategies that fit your needs.

# Automated Storage & Retrieval

www.cisco-eagle.com/asrs

shop|talk

"If you struggle to fill orders today because you can't hire staff, things won't improve better next year—and will be *worse* in five years. By 2028, America's labor market will shrink by 6 million people. Manual processes will become more expensive and difficult. AS/RS is one of the best ways you can reduce labor dependency, and we can help you get there."

—Alfredo, Employee-Owner Since 2023



### SEE MORE

*Read more about the ways AS/RS can help propel your organization by freeing you to work faster and better.*



## Unit-Load AS/RS Systems

### High pallet handling throughput and optimized storage density

Unit load systems optimize pallet loads, large containers, drums, racks and bulk item handling. These systems employ cranes to store and retrieve loads from rack systems tailored to your needs.

- Slashes labor needs up to 65%, boosting accuracy and throughput
- Utilizes the cube for space savings and optimized storage density
- Reduces forklift usage while increasing speed
- Improves inventory control, accuracy, security and visibility

Let us design and install an optimized AS/RS system to meet your needs.

## Mini-Load AS/RS Automation

### Automated tote/carton storage & picking

Mini-load AS/RS systems rapidly store and retrieve totes, trays, and cases. They're ideal for picking operations and small parts handling while optimizing floor space usage.

- Operates in tighter spaces due to compact shuttles
- Adapts to changing needs by handling fixed or variable load sizes
- Maximizes storage density, freeing space for high-value activities
- Enhances inventory control with easy cycle counting and better product accessibility. Security is naturally enhanced

We'll help you identify your needs and plan for a future that lets you stay ahead of market and demand fluctuations.

# Industrial Carousels

shop talk

> "Manual picking can't match the speed or accuracy of carousel systems. Racks or shelving don't come close to the storage density of carousels. These systems improve ergonomics and reduce walk time which lets workers spend time doing productive things."
>
> —Mario, Employee-Owner Since 2020

## Vertical Lift Module Systems

**VLMs vs. vertical carousels—the differences:** Vertical carousels rotate all shelves when they rotate, but VLMs—because of their carriage technology—*deliver only the required item.* VLMs are modular so you can add or remove modules, while vertical carousels are fixed height.

- **VLMs recoup up to 90% of floor space** vs. traditional shelving or racks so you can do more in less space. Tray optimization gives you precise control of space within the VLM.

- **VLMs are built for ergonomics.** The system delivers items to ideal ergonomic heights, reducing bending, reaching, or stretching.

- You'll have accurate, **constant inventory data,** precise item management and real-time tracking that reduces guesswork and helps you make better decisions.

- **Security is built in** with controlled access using PIN codes, RFID badges, or biometric scanners that ensure only authorized personnel can retrieve items.

- **Your operators will be faster and more productive** with user-friendly intuitive software and color touch screen interfaces.

### SEE MORE

*Videos, applications and more.*

## Vertical Carousels

Vertical carousels reduce costs and labor requirements while increasing speed and throughput. Compared to conventional storage methods, vertical carousels offer efficiency gains, space savings and improved inventory control.

- Improved throughput, lower error rates, search and dwell times

- Increased storage and retrieval efficiency let you do more in less time

- Small footprint efficiently uses floor space by maximizing the vertical cube

- Security: carriers, access codes and software password protection

- **Applications:** tool & stockrooms, parts distribution, die storage, buffer storage, point-of-use workstations, inventory consolidation, order picking, automated tool & component dispensing. Store dies, tools, fixtures, raw materials, work in process, parts, assembly components

# Packaging Systems Integration

"When packaging meets production lines, integration is critical. We ensure your packaging equipment works seamlessly with conveyors, storage strategies and shipping functions. You'll pack, package and ship faster, safer and more efficiently."

—Jarren, Employee-Owner Since 2021

*Lantech*

## Stretch wrap systems: manual, semi-automated or fully automated?

Fully automatic stretchwrappers require virtually no direct labor. After conveyors deliver the load, the system automatically wraps it, cuts and weighs down the film tail, then transports the wrapped load to a staging area. With a semiautomatic stretch wrapping, a worker attaches the stretch wrap to the pallet load, starts the machine, and then cuts the film tail at the end of the process. During the wrap cycle, the operators are free to attend to other tasks. Your production rate and throughput levels determine whether you need a manual, semi-automatic or fully automatic system.

## Integrated Packaging Solutions

Seamlessly integrate your packaging, weighing and packing processes with conveyors, software and automated equipment. We'll help you reduce labor costs, increase throughput and enhance accuracy throughout your picking, packing and shipping processes.

Carton erection systems

Automated and manual weigh systems

Strapping sealing and taping machine integrations

# Control Systems for Conveyors and Automation Technology



**UL508A INDUSTRIAL CONTROL PANEL SHOP CERTIFIED FABRICATOR**

**Cisco-Eagle Systems Technology Group** designs, programs, and fabricates robust and flexible PLC automation controls for distribution and manufacturing operations.

## SEE MORE

*Videos, applications and more.*

## VIDEO: FABRICATION

*How we build high-quality PLCs.*

"We help our partners and customers create optimized control solutions, PLC programming, and HMI-based automation. We're proactive, detail-oriented—and we think outside the box. We go to lengths from design concept to finished, custom control panels that drive speed and accuracy."

**—Chris, Employee-Owner Since 2023**

**shop talk**



## PLC Controls: Decades of Automation Experience

**www.cisco-eagle.com/controls**

- UL508A panel shop fabricates for 24, 120, and 480 volt power. Software is easy to trouble-shoot, modify and upgrade

- From concept to build-out, we work with you to create exactly the solution you need to operate your business

- Designs are documented, including details for efficient electrical geography navigation

# Cisco-Eagle Field Services

**shop talk**

"Downtime hurts more than just an idle machine—it's lost dollars, late deliveries and frustrated customers. Let our OSHA-trained and factory-certified technicians help you become more reliable."

—Alan, Employee-Owner Since 2017

## Performance Isn't Accidental

The stress of everyday operations wears down conveyors, dock levelers, carousels, packaging machinery, vertical lifts and other material handling equipment, but you can ensure reliability with planned maintenance. We partner with our maintenance clients to provide the best outcome for your critical equipment.

### Make your operation more reliable

- Increase equipment life expectancy
- Help prevent downtime due to equipment failure
- Utilize your personnel on other tasks while upgrading maintenance
- Prevent service calls by heading off problems
- Simplify your maintenance operation

### SEE MORE

Detailed information on Cisco-Eagle field services and all the ways we help add value to your operation.

### We service and maintain your systems

Even the best maintenance programs cannot prevent issues caused by time and wear. Our experienced team is on call around the clock and responds fast to your service and maintenance needs.

- Conveyors and conveyor systems belt, roller and garment conveyors
- Conveyor belt vulcanizing
- Crossover platforms
- Dock levelers
- Dock door trailer restraints
- Dock accessories, including bumpers, lights fans and chocks
- Overhead doors, excluding tension spring replacements
- Pallet racking beam and upright replacement
- Air compressors - 10 HP max
- Balers and compactors
- VRC - vertical reciprocating conveyor and material lifts
- Scissor lift tables
- Carousels and VLMs
- Entrance sliding gates
- Packaging equipment, such as carton sealers and strapping machines
- Vinyl curtains

### Let us handle your problems

- We provide a full needs assessment
- We work with many major material handling manufacturers
- Comprehensive training and skills
- Clear communication before and after preventative maintenance
- Repairs and service

# Conveyor Systems: From Automated Systems to Specialized Applications and Projects

www.cisco-eagle.com/conveyors

Cisco-Eagle has implemented thousands of conveyor projects in every industry. Count on us to help you find the best solution for your needs efficiently and cost-effectively.

- **Load flexibility:** whether it's packages, totes, bags, pallets, pipe or heavy components, we can help you find a conveying solution
- **Integration specialists:** we help customers integrate conveyor with other production machinery, existing equipment and more
- **Expert implementation:** our experienced system teams take you every step of the way, from concept to installation

## Conveyor System Objectives

www.cisco-eagle.com/conveyorsystems

### Labor cost reduction

Conveyor systems reduce material transport costs. When the volume justifies it, conveying an item is far more efficient than moving it by forklift, cart or hand. Reducing the number of people required to process a shipment, pick an order or transport materials is often the most critical ROI factor.

### Ergonomic and safety enhancements

Conveyors are safer than other material transport methods. Many companies are working to reduce forklift traffic in their facilities due to safety concerns, and have used that as a justification to implement a pallet conveying system. Any automation that removes people from lifting, straining and moving enhances safety.
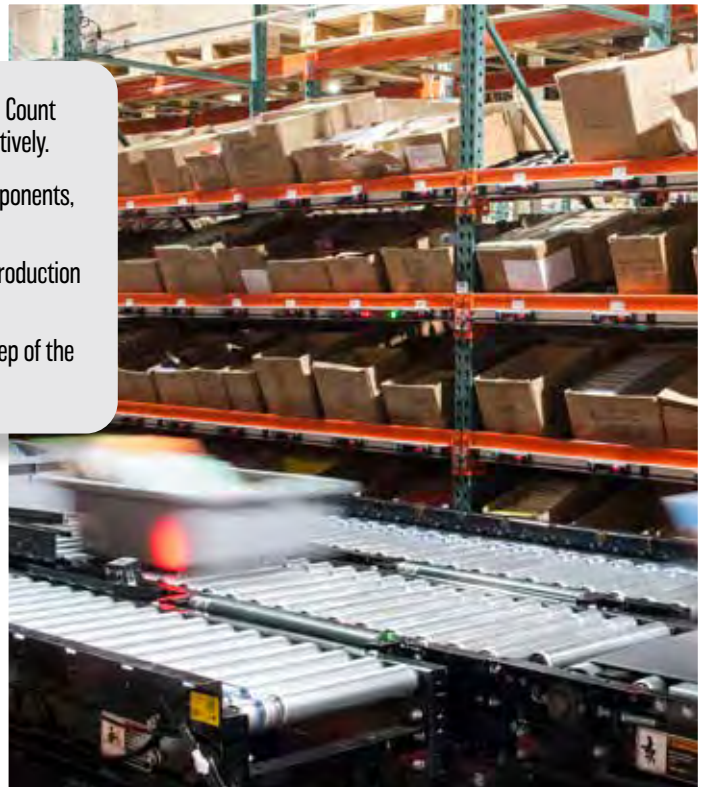
### Conveyor systems control tempo

People think of conveyor systems as something that always increases speed, but that may not be your goal. In some cases, you need to **regulate** the pace—slower, faster or variable based on operational needs. Conveyors frequently serve as buffers, allowing processes upstream to execute.

### Error reduction

Because conveyor systems enforce standardization and can divert, accumulate or sort loads to their proper destinations, they can significantly reduce rework, errors and issues with delivering the load to the right destination.

### Space savings and facility efficiency

Good systems let you move materials vertically, they can be installed on the floor, from the ceiling and at multiple levels. This allows you to free up critical floor space. The only limitation might be your facility ceiling height.

**VIDEO: CONVEYOR SYSTEM ROI**

*When considering conveyor investments, evaluate all the costs and ROI factors.*

### Faster material flow and throughput

Conveyors can increase the amount of product that's delivered to a packing, picking, assembly or shipping operation. Conveyors justify themselves by delivering product to a function faster and more efficiently than other methods. For many companies, beating deadlines and quickly processing orders is so critical that conveyor systems pay for themselves in short order.

### Versatility

Conveyor systems can be designed for virtually any type of operation, from receiving to returns. They can be reversible; they can change heights; they can sort; they can rotate cartons or shoot them into a buffer for work down the line. They can be retracted. They can feed directly into a truck or dump items into bins as needed. A well-designed system can transform tedious work into fast-paced productivity.

# Powered Belt Conveyors

www.cisco-eagle.com/beltconveyor

**shop talk**

"Use belt conveyors to handle irregular loads like poly or bulk bags, small parts and soft parcels. Because they keep products stable, belt systems are ideal for inclines, scan tunnels and machine integrations where positioning is critical."

—Ed, Employee-Owner Since 2002

**SEE MORE**

Videos, applications and more.

## Slider bed conveyors for smooth, gentle continuous transport

A slider bed belt conveyor transports a wide range of materials with moderate weights, especially in applications requiring smooth product flow. Commonly used to move items like packages, cartons and loose goods. The conveyor's flat, supported belt surface minimizes friction and ensures stable product transport, making it good for incline and decline operations. Additionally, its versatile design is effective in sorting, inspection and assembly processes.

TA conveyors for medium duty applications like packing, inspection, tote conveying, parts handling and carton transport.

TL is built for assembly line operations, inspections, testing, sorting and packing. Can be floor supported or ceiling hung. Excellent for wide, long, heavy loads.

SB creates product gaps preceding sortation. Use for assembly, inspections, testing, sorting and packing; higher capacities than standard slider bed systems.

Troughed belt conveyor with built-in guardrails is ideal for overhead conveying applications since the rails offer a degree of product containment.

# The "Gapper" Gapping Belt Conveyors

Feed conveyor system sawtooth merges, combiners, sorters, palletizers, in-motion scales, label application systems or other equipment where gaps must be created.

## Blow-through gappers

A more basic, less expensive and simpler gapper that runs at fixed speeds to create the gaps necessary for the next process on a conveyor line. Used for applications that transport or sort uniform loads in size and type. A distribution center that ships out only one or a very limited range of cartons is a good example of a blow-through application.

## Gap optimizers

Faster, more expensive and provide better throughput for a broader variety of loads. These gappers create uniform spaces between loads of different dimensions and weights. Optimizers adjust their speed based on sensors and control protocols. They're often deployed for high-throughput, e-commerce and 3PL applications that require variability and speed.

**SEE MORE**

Article: a guide to gapper conveyor types & applications.

# Belt Conveyor Curves



Belt curves move product with a belt, driven by tapered pulleys and are typically used in applications where loads are not ideal for rollers or precise positioning is critical. Belt curves are more specialized than roller curves and provide more load control when you need to align products for a scanner, scale, taper or other machinery. Belts let you keep and orient product exactly where you want it.

# Belt-Over-Roller Conveyors

Belt-over-roller conveyors stretch flat conveyor belts over rollers, slides or plastic strips. They convey larger, heavier, more irregular items that can't be conveyed on rollers—things like bags or heavy packages with bottoms that won't work on rollers or are too small for roller support. Incline conveyors are ideal for belt-over-roller conveyors.

Applications include product movement, assembly, inspection and packing operations. Roller bed conveyors have higher load weight capacities than slider bed conveyors because they reduce the friction caused by the belt against the bed surface.

## Incline conveyors

www.cisco-eagle.com/incline

Incline conveyors are equipped with chain drive power feeders and an adjustable nose-over at the discharge end to ensure smooth transfer from the incline to the horizontal plane. RBI roller bed conveyors provide higher load capacities. SBI slider bed incline conveyors have full-width galvanized pans. Easily adjusted up to 30°. Utilize reversible inclines as a booster in gravity flow systems.

## Model PSB plastic belt conveyors

Ideal for washdown or food applications. Modular plastic belting systems use a positive drive system to eliminate belt slippage and mis-tracking. A plastic belt curve conveyor is available. Bed - UHMW on aluminum slider bars.

## VIDEO: EMPTY CARTON TRANSPORT

### Model TH trash & empty carton belt conveyor

Utilize for empty cartons, paper trash and bulk waste transport. Also used for baggage handling, returns, transport, inclines and receiving.
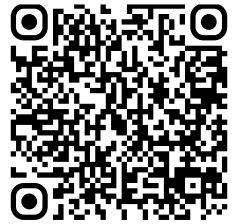
# Live Roller & Accumulation Conveyors

www.cisco-eagle.com/liveroller



## Model 190-LR flat-belt driven live roller conveyors

Ideal for medium to heavy duty cartons in manufacturing and distribution. Also used for transferring or deflecting boxes on or off conveyor lines. Live roller design also permits stopping or holding (not accumulating) without stopping the conveyor. Ideal for merging where positive product flow is required. Curved models include light and medium duty, v-belt-driven live roller conveyors negotiate 30˚, 45˚, 60˚and 90˚ curves. Curves may be self powered or slave driven.

## 190-ACC medium duty v-belt accumulation conveyors

www.cisco-eagle.com/accumulation

The simplest accumulation method ever devised for cartons and totes. Eliminates complicated adjustments and allows a minimum of 2% back pressure. By maintaining constant minimum pressure on the tread rollers, long loads are conveyed, accumulated or stopped on the conveyor at any point with little pressure.

*The driving of the tread rollers on minimum pressure conveyor is accomplished with the top surface of a standard section endless flat belt. The strength and wear qualities of the tread rollers and this belt have been thoroughly tested for continuous duty.*



## EZLogic® Zero-Pressure Accumulation systems

- Easy installation and replacement
- Easy to configure; expanded control options
- Functionality to enhance product flow

EZLogic®—or Electronic Zero-pressure Logic—combines the sensing accuracy of photo-electrics with discrete electronic logic control without a PLC or pneumatic logic components. The system provides the intelligence needed to accurately control the various functions of zero-pressure accumulation on a variety of conveyor models. Reduced noise, higher reliability, higher throughputs and ease of maintenance are inherent.
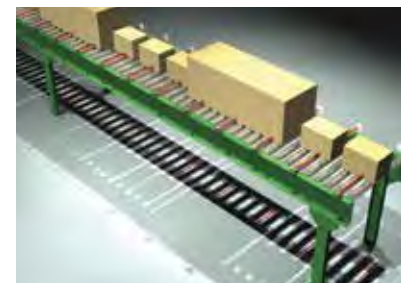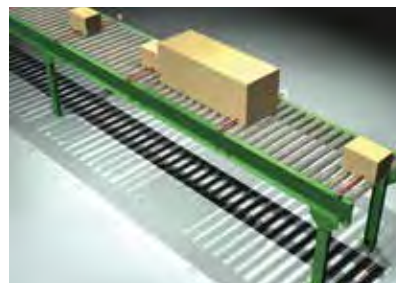
## Dynamic zone allocation: convey almost any size carton

EZLogic® automatically adjusts the conveyor's zone length to accommodate carton lengths. Longer cartons are efficiently conveyed in singulation mode, giving you better control of conveyed boxes. This improves throughput, accumulation density and system flexibility, making your conveyor system more flexible and efficient. You can set zones for the smallest carton in the system and still accumulate the largest. Longer cartons can be introduced after installation and don't obsolete your conveyor investment.




LEFT: Dynamic zone accumulation sets zones based on the length of the load. It wastes less space on the line and allows for greater density and higher throughput.  It is highly flexible when it comes to load lengths. It allows conveyors to zone many different box sizes.

# E24™ 24-Volt Live Roller & Accumulation Conveyors

www.cisco-eagle.com/e24

"Conveyor systems have two costs: *purchase price and operational*—both of which stack up. Operational costs include things like electrical and utilities. Maintenance and replacement parts are huge. Specifying the right conveyor reduces operational costs and improves your return on investment."

—Kevin, Employee-Owner Since 2017

shop talk



## Save energy, extend roller life and minimize maintenance

E24™ 24-volt accumulation conveyor utilizes a decentralized drive system located in each accumulation zone. Each can run at a selected speed. Quick-connect modules reduce wiring and installation costs, including substantial energy reductions and maintenance and 10 times the life of traditional MDR motors Since the drive train is distributed along the conveyor length, a single piece of equipment performs multiple functions. This includes multiple speeds, directions and start/stops.

**SEE MORE**



*E24™ specifications, downloads & video.*

## E24MC Modular Conveyors

### Ideal for quick deployment, last-mile applications



Fully pre-wired conveyors ship with modular systems architecture consisting of 24-volt E24 drives and supports with casters. **Configurations include:**

- 2.0 - Start/stop stations every section
- 2.5 - Start/stop stations and E-stop cords every section
- 3.0 - Network control providing condition monitoring from motors to HMI

*Conveyor applications:* Straight 2" or 3" roller centers • tapered curves • herringbone skewed rollers • 75/25 skewed roller sections. • coated roller incline applications.

## E24EZ Accumulation: no air bags required

E24™ and E24i™ with EZLogic® allow multiple accumulation and product release options. EZLogic® combines the sensing accuracy of photo-electronics with discrete electronic logic control without a PLC or pneumatic logic components.



## E24™ belt accumulation conveyors



These conveyors use 24-volt motor driven rollers and the EZLogic® accumulation system with belt conveyors for accumulation of small items like letters or poly bags. Belt conveyors allow accumulation of cartons or totes on inclines, where they might otherwise slip.

**SEE MORE**



## ABEZ - air-actuated, zero-pressure live roller accumulation conveyors

Model ABEZ is ideal for applications that require product accumulation without line pressure build-up. Singulation feature allows products to be easily removed from any location on your conveyor. The conveyor consists of zones with an EZLogic® accumulation module for each. Accumulation modules detect product presence to determine whether the zone should be driving or accumulating.

# Sortation & Transfer Systems

www.cisco-eagle.com/sortation



## SEE MORE



*Extensive sortation conveyor information, including video.*

**shop talk**

"Sortation conveyors divert a product from one line to another. They range in complexity from basic pushers to sophisticated cross-belt sorters. Options include the type, speed and control system used to automate your process."

—Eric, Employee-Owner Since 2017

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## ProSort series high-speed shoe sorters for rapid small item sortation

Loads move on flight tubes, and are pushed with divert shoes that slide across the conveyor onto takeaway lines. Made specifically for high-speed sortation of smaller products. Speeds of up to 450 feet per minute.

## E24™ powered pivot diverters

The E24™ powered pivot diverter is used with E24™ and E24EZ accumulating conveyors. Products are diverted onto adjacent 30° spur lines. The vertical lift of the sheave assembly gives the diverter more control of the package.

## Intralox activated roller belt (ARB) sortation technology

ARB systems selectively activate or deactivate rollers along the conveyor belt, moving and sorting items. Because there are no mechanical pushers or diverters, packages can be gently moved at high speeds.

## Model SC integrated belt sorters

A belt driven sortation conveyor. The belt provides a reliable method of tracking packages to the divert stations. Diverters controlled by photocells, code readers, PLC controllers and more.

## ViperSort right-angle sorters

Ideal for sorting small to medium size products. Patented design lets you sort a diverse range of loads such as cylindrical products and extremely thin items like blister packs or vinyl envelopes.

## ProSort MRT 30° & 90° narrow belt transfers

Multiple narrow belts transport the load. Rollers pop up between the belts to transfer items at right angles to the sorter. Features include right-angle and two-side transfer, high sort rates, close transfer locations and flexible sort locations.

# Low Profile Conveyors

www.cisco-eagle.com/lowprofile

"These conveyors are ideal for tight spaces and specialized needs in processing and automation applications. They're frequently used in medical or pharmaceutical, parts assembly, food handling and general warehousing."

—Ross, Employee-Owner Since 2020

QC Industries LLC

## Ideal for small parts and general conveying applications where vertical space is critical
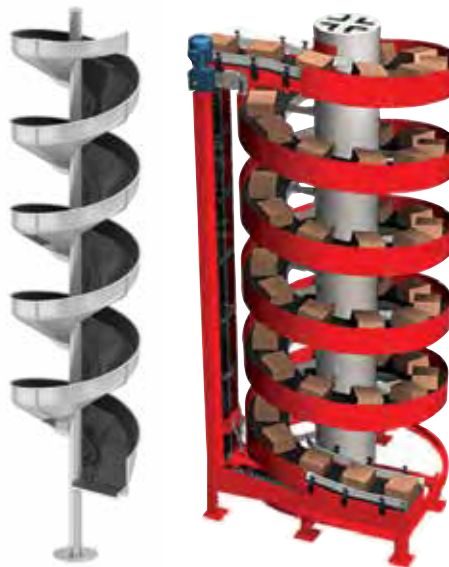
QC Conveyors are utilized in machine integration, sanitary and packaging system applications including distribution, assembly, medical and pharmaceutical applications, warehousing, food handling, manufacturing and more. Due to their low profile, they're ideal for tight spaces and machine integrations.

## Spiral Conveyors & Chutes

www.cisco-eagle.com/spirals

Spiral conveyors transport loads between levels without interrupting product flow. They reduce manual handling and are excellent for load transfers to other equipment.

- **Small operating footprint**: Spirals transport goods vertically in less space than lifts, inclines or other methods.

- **High throughput**: Spirals convey the load in a continuous flow, creating high throughput. Can operate at speeds up to 200 feet per minute. Many models are reversible.

- **Single drive on most applications**: Reduces costs and energy needs while making controls integration easier.

- **Spiral chutes**: An economical way to lower products from mezzanines, work platforms, overhead conveyor lines, pick modules and more.

### SEE MORE

*Video, specifications and more.*

### ARTICLE: VERTICAL SPACE UTILIZATION

*Article: reduce your storage footprint with spiral conveyors.*

## Pipe Conveyor Systems

www.cisco-eagle.com/pipeconvey

Transport a variety of pipe diameters and lengths on the same line with trough roller designs. Interface with cutters, saws, cranes or other equipment. A number of methods (bowtie or flat rollers, v-pattern rollers) are used to control pipes on the line and make conveying safer and faster than manual handling.

### SEE MORE

*Detailed information: pipe and tube conveyor systems.*

# Flexible & Gravity Conveyors

www.cisco-eagle.com/flexconveyor

"Flexible conveyors let you change discharge points by rolling and curving conveyors. Often used at shipping docks or the discharge end of a conveyor system to connect to truck trailers."

—Roy, Employee-Owner
Since 2017

**shop|talk**

## Skateweel flexible: ideal for packaging lines and shipping applications

With capacities from 175 to 300 pounds per linear foot, flexible skatewheel conveyor can handle the load. Conveyor features 12-gauge side plates, zinc-plated to resist corrosion. Cartons follow twists and turns of the conveyor path without using engineered curves. It's fitted with a 5" swivel caster on each leg for easy transportability.

### Gravity roller flexible conveyors

1-3/8" zinc plated steel rollers feature sealed bearings for longer life. Conveyor is self-tracking—cartons follow the twists and turns of the conveyor without side rails. Features 1-1/2" aluminum alloy side plates with ribbed construction for added durability.

**FMH** CONVEYORS

### Power roller flexible conveyors

Ideal for truck loading and unloading, distribution centers, packaging, portable assembly lines and shipping-receiving operations. Runs smoothly with no dead spots—power is transmitted to every roller by a polyurethane belt. Zinc plated rollers are built with solid steel axles and precision bearings for performance and reliability. Legs have swivel casters that easily roll and lock into place while conveyor is in use.

# Gravity Conveyors: Skatewheel & Rollers

www.cisco-eagle.com/gravconveyor

## Skatewheel conveyor

Skatewheel is the most economical type of conveyor, made with steel skatewheels mounted on axles to convey product. It is frequently used for loading trucks with the conveyor set up on removable stands or supports. Skatewheel conveyors are good for items with a smooth, flat bottom. Unlike power conveyor, the load can be wider than your conveyor if it is centered correctly. Skatewheel conveyors flow better than roller. A minimum of ten wheels should be positioned beneath your load at any given time.

## Gravity roller conveyor

Uses rollers for greater weight carrying capacities than skatewheel. Rollers are recommended for uneven, open or rimmed bottom packages. They have spring loaded axles for easy removal and replacement. Unlike skatewheel conveyors, your load should never be wider than the rollers. Use at least three rollers under a product at any given time.

# Truck & Dock Conveyors



## Telescopic conveyors extend into trailers

Extendable conveyors connect the end of a conveyor system to your dock doors. They let you control the length of the conveyor so it extends as far as needed in the trailer for loading and unloading. You can deliver cartons for stacking to precise, adjustable points in the trailer, then retract the conveyor to clear dock and staging space.

## Mobile Ergonomic Trailer Loading & Unloading Conveyors

Reduce labor costs and boost productivity with Destuff-it ergonomic mobile conveyors. These conveyors limit reaching and carrying in trailer loading and unloading operations. This results in higher case rates and less musculoskeletal strain. Systems are fully portable and independently powered.

- **Destuff-it** unload trailers with belted sections that transport loads from trailers for takeaway.

- **Restuff-it** services shipping and receiving docks. It has a reversible drive and a belted rear conveyor that moves goods into or out of trailers.





# Overhead Conveyors

www.cisco-eagle.com/overhead





Overhead conveyors let loads hang on specialized carriers, so the suitability to rest on a surface is no issue.

- **Enclosed track**: enclosed track protects worker hands. Loads start/stop simultaneously at the same speed.

- **Heavy duty enclosed track**: synchronous load transport and safety benefits of enclosed track with higher load capacities.

- **"Power and free"**: multiple tracks with diverts, merges and loads at different speeds for routing through multiple lines.

- **I-beam monorail**: trolleys carry heavy loads along I-beam tracks for applications like assembly lines and component transport.

# Pallet Conveyor Systems

www.cisco-eagle.com/palletconvey





> "Check your pallet runners. Are they parallel or perpendicular to your rollers? Perpendicular is best for conveying; avoid parallel. If your pallet runners are both directions you can convey them either way."
>
> —Gerry, Employee-Owner Since 1993

**shop|talk**

## 25/26-CRR chain-driven live roller systems convey oily parts, pallets, drums and similar loads

The heavy construction of the 25/26-CRR power roller chain drive conveyor transports tough loads like fully-loaded pallets and heavy drums. Chain-driven rollers are ideal for conveying parts in bottling and steel industries.

## 25-CREZD chain-driven zero-pressure accumulation conveyors

These chain-driven live roller conveyors accumulate loads like pallets and drums with zero back pressure, reducing the chances of collisions. Ideal for shipping & receiving, taller loads and interfacing with palletizers or stretch wrappers.

## 190-PVR Medium duty poly-v belt-driven roller pallet conveyors

Features a roll-to-roll belt drive that facilitates quieter, smoother operation. 199-PVR is ideal for lighter duty pallet handling in applications where noise reduction and lower maintenance costs are desirable.

## 199-CRR medium-duty chain-driven live roller conveyors

Its roll-to-roll chain drive makes this conveyor ideal for light to medium-duty pallet handling or oily conditions—which aren't suitable for belt-driven live rollers. Eleven roller widths ranging from 15" to 39". This conveyor is reversible.

## DC and DCEZ Heavy duty drag chain pallet conveyors

Drag chain conveyors convey pallets with bottom deckboards perpendicular to travel direction. Capacities up to 6,000 pounds and frame widths up to 104-1/2". Models: DC-62, DC-63 and DC-82. Drag chain accumulation: DCEZ-63 is a three-strand drag chain pallet conveyor with an EZLogic accumulation module.

## PLEZD Heavy duty plastic belt accumulating conveyors

The Model PLEZD is a heavy-duty plastic belt conveyor that handles footed pallets, slip sheets and unitized loads—the kind of loads that can't normally be conveyed on rollers. PLEZD provides zero pressure accumulation, reducing the possibility of product damage. Handles up to 2,000 pounds per zone.

**SEE MORE**

# Conveyor Accessories for Safety and Functionality

## Conveyor Safety Netting

www.cisco-eagle.com/conveynet

If a conveyor suddenly stops, or an item is too near the edge, it can fall, but conveyor safety netting makes the soft catch to shield people from falling items. Conveyor netting is relatively inexpensive and easy to install. It's low-maintenance, durable and won't degrade, rust, peel, rot or dent.

## Conveyor Crossovers & Steps

www.cisco-eagle.com/crossovers

Consider a crossover when conveyor lines, channels, conduit, machinery or other obstacles impede safe crossing. We'll design and implement structures to make any part of your operation accessible. Available with a variety of stairs, ladders, platforms, railing and other options to ensure safe, quick access.

## Conveyor Gates

**Manual gates for gravity conveyors** are hinged on one side. Lengths: 3', 4', 5'. Widths of 12" to 24" for skatewheel and 1-3/8" rollers; widths from 13" to 39" for 1.9" rollers.

**Spring balanced gates for gravity conveyors** provide passage for personnel, lift trucks and other equipment. Adjustable ergonomic tension springs help lift the gate.

**E24 power roller gates** use a die spring to assist manual opening and closing for powered conveyor. When raised, its rollers automatically disengage. Rollers reactivate and continue to convey products once closed.

### Package stops

Stops are placed on gravity or powered roller conveyors to stop products. Bolt-on end stops, temporary removable stops in zones, or automated stops along conveyor lines are available.

### Diverters

Diverters move products off a conveyor onto another during accumulation or sortation. Types: swing arm and powered pivot models. Convergers also perform this function.

### Transfers

Many conveyor transfers are available. Options include ball transfers, belt, chain, roller and o-ring transfer types.

# Carton & Gravity Flow

www.cisco-eagle.com/cartonflow

**shop talk**

"If your pickers have to reach deep into shelves, walk around to find stock or bend to get parts, you're wasting time and risking injuries. Carton flow concentrates storage and improves ergonomics while it reduces walking, waiting and searching."

—Ronnie, Employee-Owner Since 2022

*Video, specifications and more.*

## Full-Width Rollers: SpanTrack Lane Systems

**UNEX**

### Versatile product flow

SpanTrack carton flow rollers easily drop into rack beams to create efficient, dependable, ergonomic case and each picking operations.

Add, modify, expand and utilize carton flow throughout your operation or at strategic points. Ideal for uniform-width cartons or totes. Full-width rollers have 300% more contact with product than plastic wheels.

## SpanTrack Wheel Bed

**Economical replacement for plastic wheel rails with 90% right-to-left shelf utilization**

Wheel bed provides lateral flexibility for ease of inventory reslotting while it maximizes space and throughput for loads of various sizes and shapes.
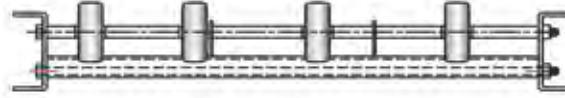
- Hex hub wheel design for smooth flow
- Eliminates hang-ups that can occur with flow rails. Solid shelves won't allow cartons to fall
- Drop-in design for efficient, accessible picking
- Optional shark fin infeed guides make replenishment more regimented and organized

# Skatewheel Flow Racks

www.cisco-eagle.com/skateflow

Flow racks utilize heavy-duty skatewheel conveyor. Drop-together construction makes it fast and easy to install. For applications requiring more flexibility and superior rollability, skatewheel is ideal.

# Shelf Track: Replace Plastic Wheel Systems

Shelf Track replaces unreliable plastic wheel rails with a durable carton flow system that drops easily into existing racks and shelves, carts or workstations. Roller lanes provide 300% more contact with rollers than plastic wheel rail, with no hang-ups or load imprinting issues.

## ARTICLE: FLOW APPLICATIONS

## ARTICLE: SLOTTING

# Modular FlowCell for Configurable Flow Storage

www.cisco-eagle.com/flowcell

One of the most effective ways to accelerate productivity, improve ergonomics, eliminate waste and maximize your space is to implement FlowCell workstations. Helps you apply Lean principles and create dynamic storage.

# Tilted shelves and carts help enhance picking

www.cisco-eagle.com/tiltshelves

Slow-moving products are often stored on static flat shelving, but a tilted shelf system can be more productive. It's a faster, more efficient way to pick cartons, or pick from them. Tilt storage improves visibility and accessibility, increasing pick accuracy. Available in stationary units, as rack plug-ins and in mobile configurations.

# Pallet Racks

www.cisco-eagle.com/palletracks

"We'll meet your critical requirements and load factors to make sure you get a safe, efficient rack system that fits your warehouse operations. Whatever your needs or load type, count on us."

—Jodie, Employee-Owner Since 2023

shop talk

## SK2000 Selective Racks: Stronger, Better, Safer



www.cisco-eagle.com/SK2000

SK2000 fully enclosed racks have 44 times more torsional strength than open back racks. Fully welded structural tubing increases durability and structural integrity.

### Beams: 3-rivet connection & channel rib strength

Seamlessly welded tubular high-strength steel beam with full vertical fillet welds. Innovative stiffening ribs provide higher capacities. The safety clip resists beam disengagement and automatically engages when installed.

### Impact-resistant enclosed uprights

100% tubular rack has greater resistance to torsional forklift impact than open-back columns. Tapered keyhole connection slot is interchangeable with other rack systems and allows 2" vertical beam adjustments.

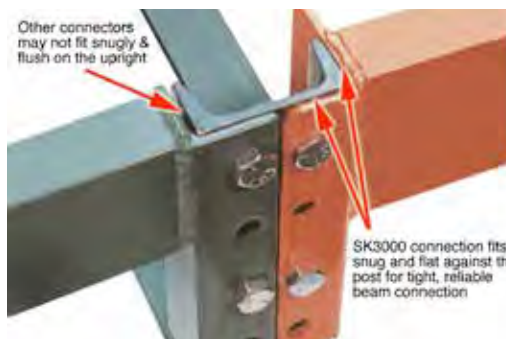### SEE MORE: PALLET RACKS



Prices, specifications and more.

### ARTICLE: RACK SPECIFICATION



Detailed configuration guide.

## Structural Racks

www.cisco-eagle.com/structural



Other connectors may not fit snugly & flush on the upright

SK3000 connection fits snug and flat against the post for tight, reliable beam connection
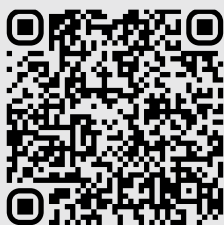
Structural channel steel frames feature heavy capacities up to 51,500 pounds (based on 48" or less vertical beam spacing). Beams are built from structural "C"-channel steel with heavy steel bolt connectors.

# Pallet Rack Accessories



Pallet supports, wall ties, column protectors, guide rails, baffles and more to make your racks safer.



## SEE MORE

*Detailed information on rack accessories, including wire decks, pallet supports, safety guards, pallet stops, flu protection and much more. Prices, specifications, video, detailed information.*

# Customize Your Pallet Rack



With 85% extension, **roll-out pallet shelves** allow ergonomic access to items at the back of a pallet, either on the floor or beam. This improves picking and reduces injuries.

**SpeedCell sliding compartments** store 400+ different SKUs in one rack bay—accessible 100% of the time for picking and replenishment.

### Pallet rack wire decking



[www.cisco-eagle.com/wiredecks](www.cisco-eagle.com/wiredecks)

Rack decking eliminates dust and debris build-up and improves air circulation. It improves support of stored pallets and items, which helps reduce dangerous falls. Features durable wire construction with 4-gauge wire and underlying metal supports in a variety of configurations and styles.

*When heavy pallets are stored in your rack system, there is danger of a pallet or items being pushed through the back of the rack.*

## Rack Safety Netting



Rack netting helps prevent product falls by flexing to catch falling items before they endanger workers. Aside from fall protection, it also helps maintain NFPA guideline flue space compliance.



### Wire mesh "rack back"
Reduce product spills with wire mesh rack panels installed on the back of your teardrop rack system for heavy, rigid fall protection.
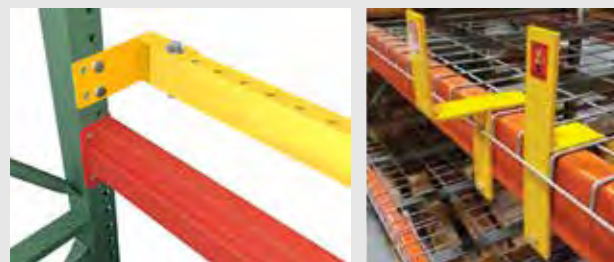
### Rack safety straps/panels

2" straps connect to teardrop uprights to restrict loads at the back of the rack bay. They protect workers from falling items and to maintain flue space for fire prevention. Available for teardrop or structural rack. Mesh panels also available.



### Backstops & beams

Solid steel beams, protectors and guards attach to beams and uprights for rigid fall and push-though protection.

# Selectivity vs. Storage Density: Choosing the Right System



**Selective racks** have 100% access to all pallets and aisles. Every pallet is always accessible, but storage density is reduced by aisle requirements.

**Double-deep racks** store one SKU in each storage position, using reach forklifts.

**Drive-in and pushback racks** are last-in, first-out with reduced selectivity and better density. Ideal for long-term storage and less immediate access.

**Pallet flow racks** are extremely high density. Depths are limited only by facility size. Flow systems offer first-in, first-out rotation.

> "In most warehouses, pallet rack systems consume the lion's share of square footage. Reducing your rack footprint is one of the best ways to reclaim usable work space—and there are many options. That's when we look at dynamic rack systems and how they might work with your operation. You can also consider options like rack-supported pick modules, pallet shuttles, taller racks, AS/RS systems and new layouts."
>
> —Kevin, Employee-Owner Since 2020

**shop|talk**

## Racks for Rolls, Dies, Coils and Other Nonstandard Loads



- **Die racks:** because dies are bulky and heavy, they're difficult to store and work best on specialized racks designed for the task.
- **Narrow aisle & very narrow aisle racks:** the space between aisles is minimized in these systems, reducing aisles up to 40%.
- **Coil & roll racks:** safely and efficiently store rolls, coils and other difficult loads.
- **Mobile aisle racks:** in these systems, rack sections move on floor-mounted rails to open up access aisles. A very high-density storage system.
- **Specialty storage racks:** store loads such as tires, furniture, bar stock, long parts, oddly-balanced loads, vehicles and more.

# Pushback Rack for High-Density Storage

**Last in, first out racks for concentrated storage density and increased selectivity vs. drive-in racks**



www.cisco-eagle.com/pushback

Store pallets two to five deep with access to a variety of different SKUs and pallet positions. 90% more storage than selective rack systems and 400% more selectivity than drive-in systems.

**SEE MORE**



- Forklifts load pallets on nested carts riding on inclined rails
- Pallets are pushed back by subsequent loading for last-in, first-out access
- When a forklift removes the front pallet, the pallets on carts behind it roll gently to the front storage position
- Interlocking, color-coded carts prevent jamming and product damage by moving pallets efficiently.

## Pushback carts

Pallets are placed by forklift on nested carts that roll on inclined rails. When removing loads, the forklift removes the front pallet, allowing the pallets on carts behind it to roll gently to the front position. The nested carts make placement and retrieval easy. If your product can be picked last-in, first-out, with one SKU per position, pushback is ideal.



# Drive-In & Through Racks

www.cisco-eagle.com/drivein

**SEE MORE**



## Drive-in rack systems

Allow lift trucks to enter the rack from one side to place or pick pallets in a last-in, first-out operation. Drive-in racks are ideal for cooler or freezer applications because they pack many pallets into that expensive space.

## Drive-through racks

Allow a lift truck to enter the rack from either side. Loads are supported by rails attached to upright frames, and lift trucks drive between uprights to access pallets. Storage density is enhanced since many pallets are stored and available through a single pallet position.

Use drive-in racks for large volumes of similar items in single deep-lane pallet positions. Suited for items where inventory rotation is less important than density. Ideal for bulk, cold storage applications and high-density needs.

# Pallet Flow Systems

www.cisco-eagle.com/palletflow

> "Flow racks let you store more pallets in less space with a high degree of first-in, first-out inventory rotation. We'll help you specify, lay out and install a rack system that fits your needs."
>
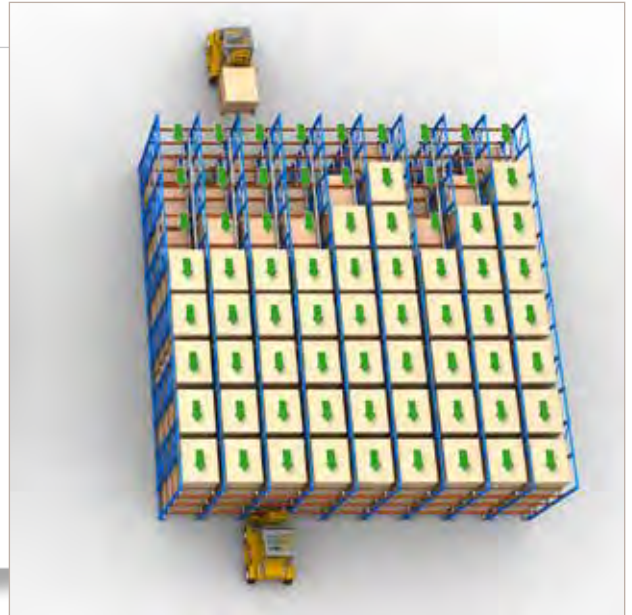> —Christine, Employee-Owner Since 2015

**shop talk**

## Pallet flow racks reduce aisle space needs by 75%

Pallet flow racks use gravity and rollers to move pallets from the back to the front of a storage module for efficient pallet storage.

- Built for high-density, fast-access, first-in, first-out critical inventory storage

- Ideal for perishable or time-sensitive goods

- Flow racks allow extremely deep pallet storage for dense storage systems

- Among dynamic systems, pallet flow are unique in that they are first-in, first-out for access to faster moving or sensitive inventory

**SEE MORE**

**SK STEEL KING** BUILT TO DELIVER

**MALLARD MANUFACTURING** YOUR GRAVITY FLOW SPECIALISTS

## Pallet flow roller types

**Steel skatewheels** are suitable loads under 2,000 pounds. They're an economical alternative to the heavy-duty Magnum and full/split-roller solutions.

**Magnum resin wheels** withstand tough environments like freezers without cracking or breaking. The rollers are wider than traditional flow rollers for enhanced heavy load tracking.

**Full roller track** is ideal for situations where pallet sizes vary or when pallet positions frequently change.

Like full-width rollers, **split roller tracks** are highly flexible. Their narrower rollers increase capacity for heavier pallet handling.

## Pallet Shuttle Systems

www.cisco-eagle.com/palletshuttle

### Ideal for high-volume storage & retrieval operations

Shuttles are electrically powered and run on rails installed within the rack structure, and are one of the most efficient ways to reduce forklift use. They provide safer and more consistent access to deep storage lanes than forklifts do, since forklifts may strike uprights and cause catastrophic damage to the system. Aside from safety, shuttles are fast—really fast compared to forklift access. They let you group your SKUs by channels instead of lane, creating storage density and flexibility.

# Cantilever Racks

www.cisco-eagle.com/cantilever

**shop|talk**

"Start with the load. Each arm has a listed capacity; if there are two arms with 500 pounds capacity, they'll hold 1,000 pounds. Add enough arms to avoid sagging. We'll help you figure it out so you get the best rack for your needs."

—Talisa, Employee-Owner Since 2022

## Heavy duty long-item applications: pipe, lumber, stock, tubing and more

Use cantilever racks for the toughest industrial loads ranging from tubing & pipe to heavy machinery storage. You can get a rack system designed and built exactly for your needs.

### Organization and safety

Stored items are presented in an organized, highly visible manner, expediting inventory control. Cantilever racks are the perfect alternative for the "pile up" or floor stacking storage methods typically used for piping or lumber, which forces the material handler to sort through the entire pile to find what they need.



## Bar & Pipe Racks

Storing pipe, bar and angle iron on the floor is your least expensive option—but costs you by taking up space, restricting access and endangering your people. These racks make it easier and safer to store long materials.

- Wall-mounted
- Freestanding (horizontal & vertical)
- A-frame type
- Floor-mounted

**SEE MORE**

Pricing, styles and detailed specifications for pipe and bar storage rack solutions

**STEEL KING** — BUILT TO DELIVER

**MECO**

**WR**

## Stackable Racks

www.cisco-eagle.com/stackrack

High density storage stores items like pipe, tubing, structurals, extrusions and more. Cut-off lengths can be conveniently returned to storage and easily identified. Stable when stacked and easy to handle.

# Sheet Metal Racks

www.cisco-eagle.com/sheetmetal

"Compared with floor stacking, these racks pack more sheets into the same space and allow faster access for forklift, hoist or hand picking. They also help prevent damage to stock."

—Devin, Employee-Owner Since 2020



**Static sheet racks:**

- Vertical racks store and organize metal sheets. They increase storage density and protect materials.

- Horizontal racks with multiple levels reduce damage and allow fast picking with 2,000 pound capacities.

**Roll-out sheet rack** ergonomically stores sheet metal and flat stock loads. Accommodates sizes up to 72" x 144". Drawers fully extend for easy loading and retrieval. Manual roll-out or crank options available. Capacities up to 5,500 pounds per shelf. Various sizes with four to eight drawers are available as well as custom sizes to fit your application.

### SEE MORE



*Extensive information: prices, specification, video and more.*

## Roll-Out Shelf Racks

**Sheet, die and component storage**

www.cisco-eagle.com/dieracks



When expensive and heavy machine tooling and dies are stored, they must be handled carefully to retain sharp angles and edges. They can't be slammed around, dropped or mishandled. That means you need to limit the risks involved in handling such items, and one of the best ways is to avoid handling them at all. With heavy shelf capacities, roll-out shelf racks provide excellent storage for dies, heavy machining parts, engines and manufacturing components.

## Crank-Out Cantilever: Fast, Accessible Storage



**Ideal for pipe, stock and heavy tubing**

www.cisco-eagle.com/crankcantilever

With crank-out arm levels that extend to 100% of their length, you'll easily reach your load with a hoist or other overhead lifting equipment. No more reaching, twisting and struggling to move heavy stock.

# Cranes, Hoists & Stackers

## Crane Systems

### Jib cranes

www.cisco-eagle.com/jib

When your process involves repetitive lifting and transfers within fixed arcs, jib cranes are ideal. They can be wall or mast-mounted and feature a variety of types, capacities and rotation ranges. They pair with rails, balancers, manipulators, hoists, hooks and end effectors.

### Gantry cranes

www.cisco-eagle.com/gantry

**Portable:** Roll almost anywhere. Ideal for motors, equipment and other heavy machinery. **Adjustable:** Modify height, span, and tread for use on uneven floors, through doorways, aisles, beneath mezzanines. **Track-mounted:** Allows manual or motorized travel over a fixed route.

### Bridge (overhead) cranes

An overhead crane consists of parallel runways with a traveling bridge spanning the gap. May be freestanding or connected to facility structure. Allows overhead crane coverage for a large area. With interconnected parallel systems, you can cover your entire building. Use with hoists, balancers and other end effectors.

## Hoists

www.cisco-eagle.com/hoists

Hoists are a safe and ergonomic way to lift and manipulate heavy loads. They let workers of various physical strengths execute heavy tasks. They work well with rail systems, cranes and other support structures.

### Hoist types

- **Lever hoists** are used in any position and orientation. The load doesn't hang vertically from the hoist. Capacities up to 9 tons.

- **Hand (manual) hoists** for light loads in difficult to reach locations. Good for precise positioning; easy to install.

- **Electrical hoists** offer capacities up to five tons. Ideal for higher volume applications in manufacturing, repair, maintenance, etc.

- **Pneumatic (air power) hoists** for capacities up to 6 tons with precise positioning. Ideal for production and assembly applications.

## Stackers move and position pallets without forklifts

www.cisco-eagle.com/stackers

Stackers let you transport and handle pallets without a forklift. They're ideal for facilities that need to move pallets or skids, load platforms & mezzanines, or unload trucks but either can't use a forklift or want to remove forklift traffic from an area.

# Scissor Lifts

www.cisco-eagle.com/scissorlifts

Whether you're handling a pallet, motor, heavy component cartons, or anything else, scissor lifts help you lift and handle tough loads faster, better and safer.

## shop talk

"We help our clients design systems so that anyone—no matter their physical strength and stature—can handle the majority of tasks in the operation. This reduces injuries, physical stress, and creates labor flexibility."

**—David, Employee-Owner Since 2019**

## Dock lifts: any dock, any truck

Accept nearly any kind of vehicle at your facility with a dock lift. Dock lifts let you load or unload almost any type of truck no matter the height of your dock or the trailer. They let you take loads when there isn't any dock at all or when the dock is too high or too low.

Because they match elevations, they make truck loading safer, more ergonomic and faster.

## Pallet positioners handle pallet loads with a minimum of bending, reaching, stretching or walking
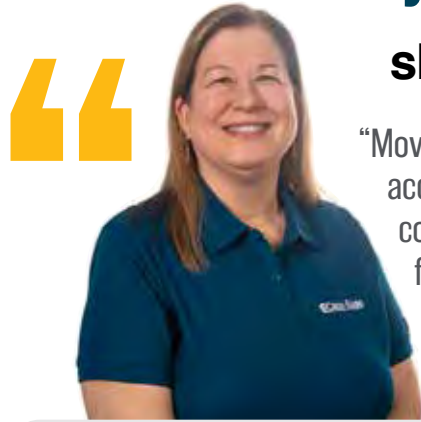
Pallet positioners make loading and unloading pallets at conveyors, packaging stations, workbenches and loading docks faster, easier and more ergonomic.

- Self-leveling, so the load remains at a comfortable working height as items are added or removed.

- Rotating platforms present loads to workers to minimize stretching and walking.

- Reduce personal injury and worker's compensation claims by minimizing bending, stretching and awkward positions.

# Vertical Conveyors Move Loads Between Levels

## shop talk

"Moving loads on and off elevated platforms like mezzanines can be accomplished several ways—vertical conveyors, spiral or inclined conveyors or a forklift. VRCs have relatively small footprints with fast throughput and easy conveyor integration. They handle pallets, packages and anything in between."

—Christine, Employee-Owner Since 2003

Vertical reciprocating conveyors transport materials vertically in factories, warehouses, industrial plants, institutions—anywhere you need to move materials level-to-level. They provide convenient, safe access to or from mezzanines, balconies or basements, and between levels in multiple story buildings.

We can integrate VRCs with powered roller conveyors, gravity conveyors with a drop lock assembly, chain transfer conveyor assemblies, turntables or pushers. Vertical conveyors interface with conveyor lines, single or multi-level rack systems, pick modules, freight systems and more.

**SEE MORE**

## Hydraulic lifts

Hydraulic vertical conveyors provide reliable, economical vertical lifting for mezzanines, balconies and other two-level applications.

## Mechanical lifts

Mechanical vertical reciprocating conveyors offer versatility and dependability for high-speed and multi-level applications and for moving large, heavy loads. Mechanical VRCs feature durable, heavy-duty construction and provide maximum flexibility.

## Fully automated VRC systems

Fully automated vertical lift systems provide an efficient, reliable way to transport materials in an automated manufacturing or warehousing operation. They are custom-fit to your application, ranging from simple two-level applications to sophisticated multi-level, multi-directional systems.

## Custom designs

Vertical lifts can be customized to move materials weighing from 10 pounds to over 100,000 pounds, with carriages from 30" x 30" to 30' x 30' and vertical rise heights from 4' to over 200'. We've built large load working platforms, over-and-under equipment for assembly lines, hopper transfer systems, just to name a few. If you are faced with a difficult or unusual vertical lifting application, contact us.

### Certified service, maintenance and installation

Count on our Field Services group to install, maintain and service your vertical conveyor.

**LIFTS/VRC SERVICE & MAINTENANCE**
**800-230-9247 24/7**

# Mezzanines & Work Platforms



"Rack supported mezzanines are platforms supported by shelving or racks rather than structural legs. You can build any kind of storage—support a platform with any kind of shelves, in most any configuration. Let us show you how."

—Alex, Employee-Owner Since 1995

**shop talk**

## Engineered space optimization with work platform systems

**www.cisco-eagle.com/mezzanines**

Add space at a fraction of new construction cost by utilizing more facility height. High strength, zinc plated steel bolts integrate with heavy-duty steel angles to align the framing for uniform installation. Excellent for warehouses, manufacturing facilities and other areas where more space is needed. Mezzanines can take virtually any shape. Our team helps you design and integrate the right mezzanine, safety and access systems for your needs.
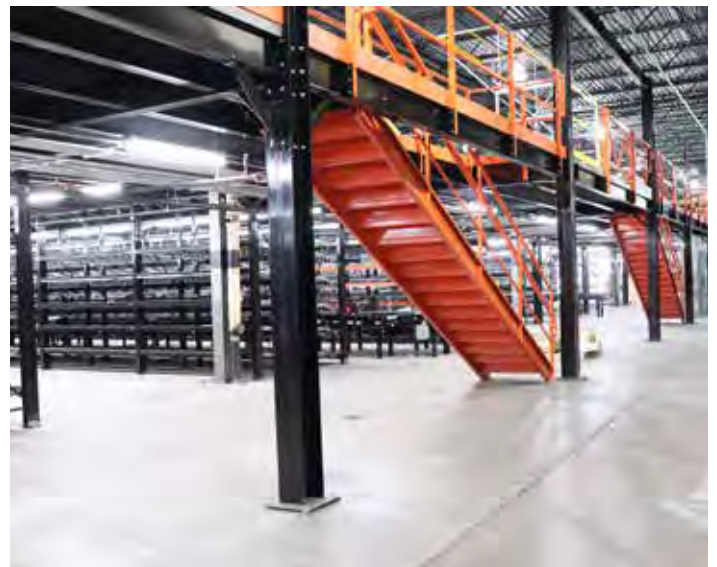
**SEE MORE**



# Structural Mezzanines: Engineered Work Platforms



*Structural mezzanines are offered in a number of configurations and decking options. Above: roof deck. Below: Bar grating. Many other decking options are available to meet any application.*



*IBC code covers most of the United States. Some geographic areas may have different requirements. We can assist you with code compliance.*

# High-Density Storage Mezzanines

www.cisco-eagle.com/rackmezz          www.cisco-eagle.com/shelfmezz





## Shelf-supported platforms

Shelving is an ideal structure for two-level storage facilities for maximum storage density. Shelving mezzanines are perfect for small parts picking. Shelves are adjustable and heights can be customized to meet your space.

## Rack-supported platforms

Rack-supported platforms can be paired with carton flow or pallet flow to create pick modules. These mezzanines allow conveyor integrations and multiple storage levels to optimize space. A variety of decking is available.

## Guard against accidents with mezzanine safety gates

www.cisco-eagle.com/mezzgate

Gates occupy a small footprint and protect workers and material from mezzanine fall accidents. Gates available in many configurations to help protect people and inventory.

# ErectaStep Modular Platforms

www.cisco-eagle.com/erectastep

Create maintenance platforms, ladders, catwalks, crossovers and other structures with completely modular system. Easy to assemble, reconfigure, move and install.



ERECTASTEP

# In-Plant Offices & Modular Buildings

www.cisco-eagle.com/buildings

> "Add climate-controlled workspace in your plant at a fraction of the cost of new construction. Modular buildings adapt to almost any space, application or environment. They install fast and are highly versatile."
>
> —Blake, Employee-Owner Since 2019

**shoptalk**

## When business changes create space demands, modular buildings deliver space and functionality when and where you need it—at substantial savings

- Reduce the need for engineers or architects—and the hidden costs those processes may cause
- Seals against dust and airborne debris for production and office areas
- Pre-finished walls require little maintenance beyond the occasional surface cleaning. Reinforced cavity and quality facings reduce the chances of damage
- Sound resistant panels substantially reduce noise
- Accelerated depreciation—half the time of conventional construction

**PANEL BUILT INCORPORATED**

## SEE MORE

*Standard and custom modular buildings, booths, clean rooms and shelters. See our website for specifications, prices and much more.*

- Guard booths, shelters
- Modular mezzanines
- In-plant offices
- Clean rooms
- Prefabricated buildings
- Pre-assembled Equipment Enclosures



*Installing in-plant offices on mezzanines effectively uses vertical space, optimizing floor-level storage and workflow in busy facilities. This elevated position provides supervisors and managers with a clear line of sight across operations while keeping them close to production areas. Additionally, mezzanine-mounted offices reduce the need for additional building expansion by utilizing unused overhead space, supporting cost-effective and scalable growth.*

# Bins, Totes, Containers

www.cisco-eagle.com/containers

"Whether it's a full warehouse, a small picking area or a kitting operation, we can help you specify the right solution—from small bins to integrated systems."

—Peter, Employee-Owner Since 2023

## Poly & Plastic Bins

www.cisco-eagle.com/polybins

A variety of bins from stock to food-grade tubs and dividable bins that help you keep small parts segmented and easy to find, as well as louvered panels, cabinets and hanging rails are available.

*Organize bins with rail systems.*

*Compartmentalize, organize and protect small to medium parts; configure dividers as needed.*

QUANTUM™ STORAGE SYSTEMS

*Shelf bins slide in and out of shelving for faster picking and assembly .*

*Bins with dividers help you organize inventory and make small parts picking easier and faster.*

*Nesting tubs store conveniently and are drilled to allow drainage. USDA and FDA approved for food industries.*

*Organize bulky loads with stacking bins up to 30" deep.*

## SEE MORE

Hundreds of styles and sizes of industrial containers for conveyance, handling and storage. Prices, specs and more.

## Steel Containers & Hoppers

www.cisco-eagle.com/steelbins

### Stackable, foldable wire bulk containers

Rugged containers have 4-way entry for easy forklift use, convenient full-width drop gate design for easy load access and safety rating plates with static load capacity and static load height. Open wire mesh construction ensures products are always visible.

### Round-corner corrugated steel containers

Stacking feet let containers stack safely and easily up to four high. Often used for scrap metal, hardware and heavy applications.

### Self-dumping hoppers

www.cisco-eagle.com/hoppers

Great for in-plant housekeeping. A wide variety of sizes and models are available. Constructed tough with steel body and formed steel base for a long service life. Fill them up with everything from trash to scrap metal—then move and dump.

# Industrial Shelving Systems

**shop**talk

"Steel shelving is versatile with lots of options. Rivet shelving is more economical and easier to assemble. Wire shelving has a finished appearance."

—David, Employee-Owner Since 2005

## Rivet Shelving: Heavy-Duty, Versatile Storage

www.cisco-eagle.com/rivet



Rivet shelving is one of the most versatile storage methods available. It's easy to assemble. From a few standard components, you can create a stable, heavy-duty storage solution for just about anything. It assembles quickly and easily using only a rubber mallet. You can have a working shelf in just a few minutes. Standard sizes run from 48" to 96" wide, and from 18" to 42" deep with capacities up to 1,500 pounds each shelf. Choose low profile or long span styles.



## Mobile Aisle Shelving Systems



Eliminate walkways and reclaim space while making it easier to stock and pick with a mobile aisle system. Walk time is reduced as space is reclaimed. Systems allow you to free valuable floor space for other operations without sacrificing storage capacity or flexibility. You can design your system with a variety of shelf types, modular drawers, cabinets and accessories.

## "Lazy Susan" Rotabins Rotary High-Density Bins

www.cisco-eagle.com/rotabins

**Never worry about parts being lost in the shadowy back of a shelf**

Rotabins are space-efficient because they concentrate loose parts into less space than shelving. Access parts faster than those stored in bins or shelves. Pickers are faster because they can rotate shelves to suit them. Ideal for production areas, maintenance rooms, warehouses, parts counters, hardware stores, assembly operations and more.

# Heavy-Duty Steel Shelving
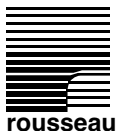
www.cisco-eagle.com/steelshelf



## Modular Drawer Shelving

**Reclaim up to 70% of floor space and increase organization with reconfigurable modular drawers**

www.cisco-eagle.com/shelfdrawers

Place lockable and dividable drawers in new or existing shelving to create organized storage where only flat shelves existed before. Store cartons or boxes on shelves above the drawers, and small parts in your modular drawers. Drawers improve room aesthetics: instead of a jumbled collection of sloppy-looking bins, you have brightly painted, easy-to-clean, orderly modular drawers.

**rousseau**

# Wire Shelving

www.cisco-eagle.com/wireshelf

Wire shelving offers excellent durability with high shelf loads, and is excellent for multiple applications in any industry, including distribution, storage, commercial and retail. Because of its open construction, wire shelving doesn't collect dust or block sprinkler systems. With simple modular assembly, literally hundreds of configurations are possible with standard wire shelving components.

**QUANTUM™ STORAGE SYSTEMS**

- Rust resistant for easy maintenance and durability

- Easy to clean. Does not block water from fire sprinklers

- Chrome provides an attractive, long-lasting finish over hardened carbon steel that makes the steel resistant to rust. Proform is an economical solution for high humidity applications

- Carbon steel is treated with iron phosphate, then a hybrid antibacterial epoxy is electrostatically applied, making the shelving highly resistant to humidity

# Shop, Security and Storage Cabinets

## shop|talk

"For secure organization and storage, you can find cabinets for every application and the expertise to help you find the right one. If you need a custom solution, we'll help you find it. A wide range of shop, office and industrial cabinets, ranging from simple shelf cabinets to modular/dividable drawers and high-security heavyweight storage."

—Luke, Employee-Owner Since 2021

# Modular Drawer Cabinets for Versatile Storage



*Drawers can be configured for modular storage*



*Systems include cabinets, storage areas and shelving inserts for flexible storage.*

### High density, high security

Modular drawer cabinets organize and store parts, components, hardware, tools and inventory more effectively in less space. Organize your parts room and maintenance area, tool storage and other critical functions.

# Industrial Workbenches & Stations

www.cisco-eagle.com/workstations

"A workbench should help people get more done with less motion while they work more comfortably. We'll help you design exactly the right solution—even for demanding workflows and tight spaces."

—Landry, Employee-Owner Since 2023

shop|talk

**BOSTONtec**
Ergonomic Workstations

## BOSTONtec Workbenches

www.cisco-eagle.com/bostontec

Help workers make the most of their time with workstations configured for the exact tasks at hand. BOSTONtec work surfaces provide the foundation for picking, assembly, shipping, packing and even light manufacturing through the addition of bin rails, shelves, spool rods, monitor display arms, CPU holders, electrical power strips, drawers, fabric and whiteboard back screens, overhead lighting and more.

## SEE MORE

*A wide range of workstations for every application, ranging from packing to assembly. Detailed information, pricing, specifications and more.*

Glide

Casters

# Wire Security Cages & Partitions

www.cisco-eagle.com/partitions

**WireCrafters**

"Wire partitions let you see what's going on inside and allow climate control and lighting to flow. Mesh cages conceal the hardware and have a broad range of lock options, so you design your security cage exactly the way you want it."

—Tina, Employee-Owner Since 2012

**shop|talk**

## SEE MORE

*Detailed information, pricing, specifications and more information on warehouse & industrial security cages and partitions.*

Warehouses and manufacturing facilities use wire partitions for tool cribs, maintenance cages, machine guarding and general inventory storage areas. In addition, wire partitions are utilized in data centers for security and separation of computer servers and to divide server areas. We can help you design and implement precisely the right secure storage area for your needs.

## Gates, Doors & Locks

- **Hinge gate:** 3'W x 7'3¾"H with a transom panel sized to match partition height.

- **Sliding gates:** (4' or 5' wide) are full cage height.

- **Options:** service windows, vertical rise gates, dutch windows, wall-mounted shelves, tunnel doors and more. Colors can be customized.

- **Lock options:** cylinder, coded card reader, 10-digit keypad, 5-button coded access lock, deadbolt lock, electric strike lock, mag lock, biometric readers and other options available for your security needs.

# Plant and Warehouse Security

www.cisco-eagle.com/security

Secure inventory within a pallet rack bay, with lockable wire caging or solid-side enclosures.

SEE MORE

*Control access to dock doors, secure areas and other entry points with folding gates. Ideal for secure ventilation at open overhead doors. Many sizes and options available.*
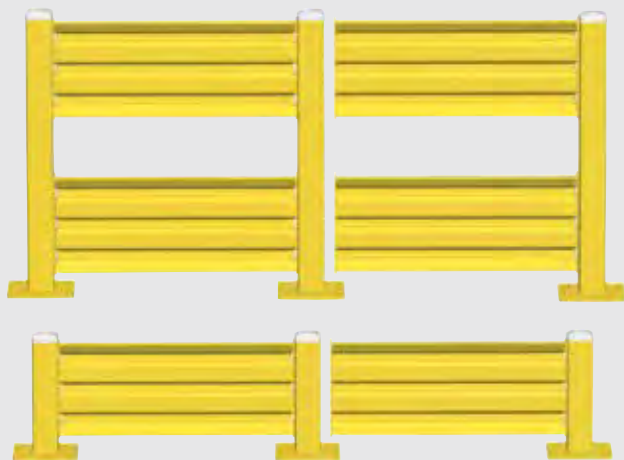
# Warehouse Guardrails
www.cisco-eagle.com/guardrail

"Impact ratings measure how much impact force a guardrail can take. Ratings are established at certain speeds, weights and angles. Be sure you understand how your guardrail was rated and if it can survive impacts it could suffer in your facility."

—Patrick, Employee-Owner Since 2021

## Steel Guardrails
www.cisco-eagle.com/steelguard



SK STEEL KING™
BUILT TO DELIVER

## SEE MORE
*When you need to protect your people, your inventory and your plant, guardrails, bollards and other barriers are a simple, economical and effective way.*

## Flexible Guardrails
www.cisco-eagle.com/flexrail

McCue



### Visibility, strength and easy installation

Protects conveyors, racks, work areas, walls, in-plant offices or any area where forklifts operate near people, inventory or equipment.

- **Posts**: 4" x 4" x 1/4" structural steel tube posts with 10" x 10" x 5/8" base plates pre-punched for anchoring. Posts function as either corner or center posts for easy installation.
- **Rails**: corrugated (3-rib) 11-gauge high strength steel rails, 14" high x 2-1/2" deep with a three-bolt connection on each rail end.
- **Finish**: highly-visible powder coat safety yellow. We offer gates, lift-out rail connectors and more.

Flexible rails absorb and dissipate collision impacts, then return to original shape, helping prevent damage to the lift truck, the rail, anchor points or the floor structure—all while protecting people, equipment and inventory. Available in floor-level, two-level barriers, pedestrian handrails and handrails with a floor rail.



### Lift-out guardrails for easy access
*These are with rail pockets mounted to rail posts and let you lift out rails to access protected areas. The guardrails are strong and stable when seated in lift pockets. You won't need tools to remove the rails.*

### Handrails for pedestrian safety

Handrails belong on any elevated walkway, and they also define pedestrian zones to keep workers away from hazards like docks, forklifts and machinery. Modular systems are easy to specify to your facility requirements, and you can expand and reconfigure when needed. Many styles and configurations are available.

# Warehouse Safety Sensors

www.cisco-eagle.com/sensors

- **Dock sensors**: Alert pedestrians and equipment operators of motion inside trailers.

- **Exterior loading dock alarms**: These help warn drivers and workers that people are between truck trailer and the dock with audible and flashing strobe light alarms.

- **Safety mirror sensors**: This technology blends a visibility mirror with integrated LED signs that flash with directional arrows showing where the traffic is approaching.

- **Triggered signs and projector systems**: Many options and types available.

- **Door motion sensors**: Wall-mounted sensors help alert pedestrians and forklift drivers of motion near pedestrian door openings.

> "Sensors help people see their environment faster and better so they can make safer decisions. We'll help you design a plan for your facility, including exclusion zones, guardrails, sensors, gates and more."
>
> —Taylor, Employee-Owner Since 2006

**shop|talk**

## LightCop Projectors

LightCop projects high-resolution LED images to floors and walkways to help prevent forklift accidents. The LED lasts up to 45,000 hours and replaces the need for floor tape or paint that peel, chip or wear away. Includes the projector, mounting hardware and the glass projection disc that reads "**CAUTION FORKLIFT TRAFFIC.**"

## DockRight laser line projectors

DockRight projects bright laser lines to help drivers back to dock doors more accurately. Bright red or green lines remain visible above snow, dirt or debris that would cover up painted dock striping.

**Systems can also be used indoors.**

### Low clearance alarm bars with sensors

Alarm bars warn forklift operators of collisions by guarding overhead doors or fixtures. Emits a loud siren and flashes red lights if impacted, which allows drivers to stop before striking important infrastructure.

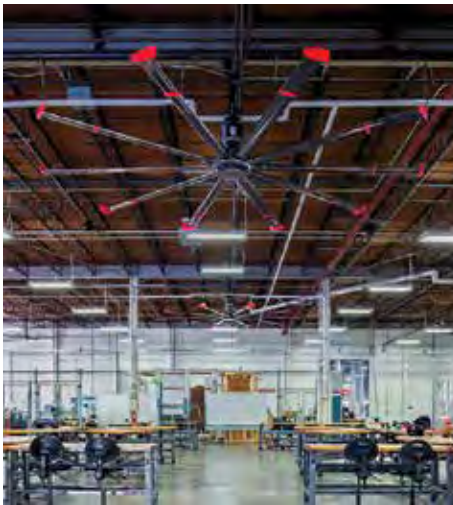# HVLS Fans: Efficiency, Comfort & Climate Control

www.cisco-eagle.com/hvls

"NASA studies tell us that at 80° temperatures, worker output falls 8% and accuracy 5%. It gets worse at 85° — productivity drops 18% and accuracy 40%. At 90°, productivity plummets 29% while error rates jump 300%. Comfortable workers get more done and make fewer mistakes."

—Jason, Employee-Owner Since 2020

shop talk

## Powerfoil X3.0

The most innovative HVLS fans in the world deliver superior air flow for a broad range of industrial applications. (Diameters: 8' to 24'.)

### SEE MORE

*We can help you create a safer, more productive environment in your warehouse—with or without HVAC—using HVLS fans.*
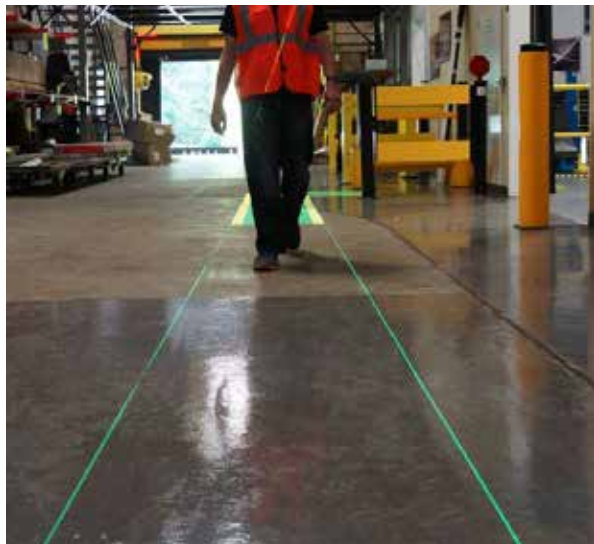
### Powerfoil 8

Eight-blade fans are ideal for large industrial, dusty, difficult areas like factories and warehouses. Diameters from 8' to 24'.
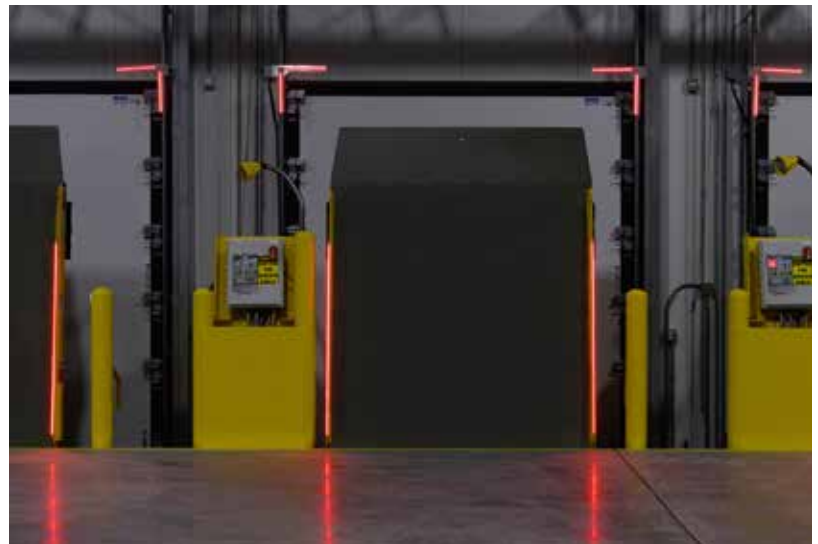
### Basic 6

Six-blade fans are an economical choice for many applications, delivering exceptional air movement at a great price. Choose diameters ranging from 8' to 24'.

# Line Projection and Dock Door Visibility Systems

*Bright line projectors lay down bright, high-contrast lines for clear guidance in factories and warehouses. Lines are easy to reposition as needs change. They won't be obscured by debris or damaged by traffic. Projectors can be part of a system that includes motion detection.*

*Shipping workers must move—and think—fast. Anything that provides clear guidance can improve safety at this critical junction. BrinkAlert industrial-grade LED lights respond to the behavior of powered or manual overhead doors, helping pedestrians and drivers quickly gauge safety at and near dock doors. These systems can also highlight dockboards, dock restraints, dock levelers, overhead doors and more.*

# AisleCop® Forklift Safety Systems

**SEE MORE**

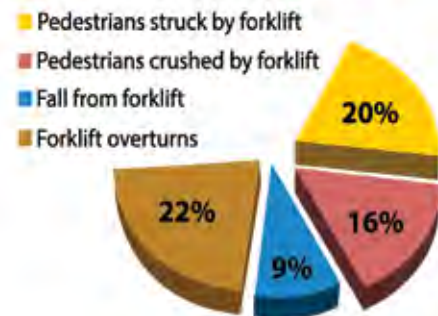*Specifications, video and detailed safety automation info.*

## Forklifts and pedestrian dangers

Forklifts cause 100 deaths and tens of thousands of injuries every year. Wherever forklifts and people mingle—warehouses, factories, distribution centers and industrial facilities—people are at risk.

## AisleCop® detects traffic and manages the intersection

AisleCop® manages pedestrians and forklifts in configurable traffic management plans. AisleCop® makes blind corners, entry doors and busy aisles safer by managing pedestrians and industrial traffic. Limited-visibility and high-traffic areas are ideal for AisleCop®.

### Pedestrians in Peril

- Pedestrians struck by forklift
- Pedestrians crushed by forklift
- Fall from forklift
- Forklift overturns

20%
22%
9%
16%



## VIDEO: AISLECOP® OPERATIONS

*AisleCop® safety systems use precision motion detection and intelligent controls to manage crossings. Watch this video for details on this pedestrian safety system.*

# Safety Automation: Protect Your People

www.cisco-eagle.com/safety

**shop**talk

" "Our Safety Automation Group works to separate people from forklifts where possible and make those interactions safer when it isn't. We'll help you find solutions that work with—not against—your processes and workflow to build a safer situation for your employees." "

—Markus, Employee-Owner Since 2013

## AisleAlert Automated Safety Systems
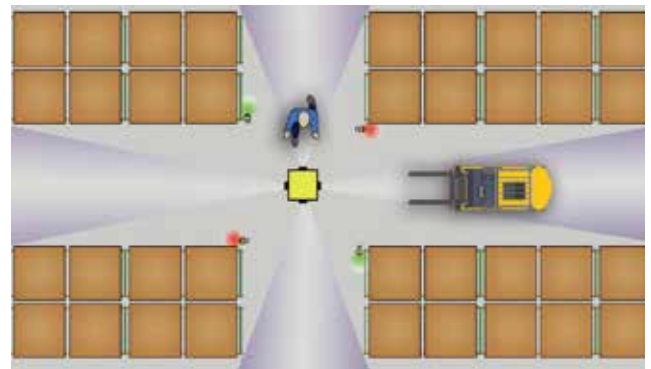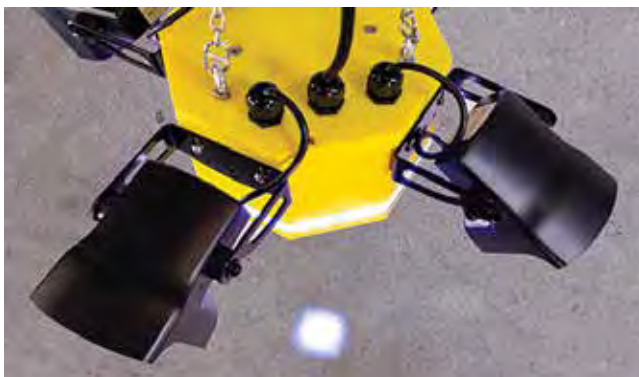
www.cisco-eagle.com/aislealert



### SEE MORE

Your traffic safety systems can't have false positives. You don't want the sensor to become a 'chicken little' that triggers so often that people pay it no attention. That's why AisleAlert has highly accurate sensors and controllers.

Ceiling-mounted motion detection systems help prevent collisions by flashing a bright warning light onto the floor when traffic approaches from at least two directions. AisleAlert triggers only for converging traffic.

### System details

- Hanging sensor covers any crossing point
- Adjustable motion sensors with 26' range can be mounted remotely—two, three or four directions.
- Lights for added visibility
- Tested prior to shipment
- Can be integrated with other safety systems

# 360° Pedestrian Detection & Warning Systems

www.cisco-eagle.com/zonesafe

**shop talk**

"Motion sensors are great for monitoring specific areas, but there are situations where you can't rely on guarding a defined zone. ZoneSafe works in most any situation. People wear transponder tags that warn forklift drivers; they can be anywhere in range, and the system works."
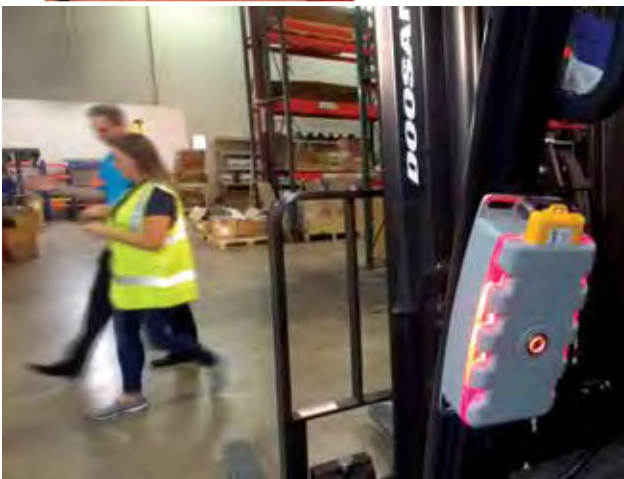
—Susan, Employee-Owner Since 2010

**ZoneSafe®**

# Forklift Safety Accessories Help Prevent Accidents

## GenieGrips©

www.cisco-eagle.com/geniegrips

**GENIE GRIPS**

### Fork covers

Treaded rubber covers a tine's full length. With six times the gripping strength of bare metal, they help prevent load slipping.

### Rubber fork caps

Steel-reinforced rubber fork caps blunt the sharp ends of metal forklift tines so they don't gouge products or puncture containers.

### Back bumpers

Rubber bumpers absorb impacts during loading and transport. Guards products from damage due to contact with bare metal tines.
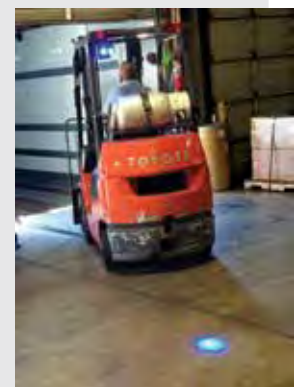
## Forklift warning lights

www.cisco-eagle.com/bluelights

**Front/back lights:** precedes the forklift with a bright visual warning.

**Side warning lights:** Forklift warning lights enhance safety by clearly defining the safe perimeter around forklifts.

**Arc lights:** bright LED lights cast an arc pattern on the ground that indicates the danger zone in front of or behind forklift.

## Laser tine guides

www.cisco-eagle.com/tineguard

Aligns with fork tines and shines on the pallet or rack beam in front of the forklift to help prevent damage to rack or loads.

# Dock Equipment

www.cisco-eagle.com/docks

shop talk

"Loading docks are where everything is received—and eventually shipped. They're the bridge between you and your customers. The right setup gives you an overall faster, safer and more efficient operation."

—Colin, Employee-Owner Since 2013

Scrolling dock doors

High-speed doors

Door protectors

Strip doors

Vinyl curtain wall systems

## Doors and egress management

www.cisco-eagle.com/doors

Do you need to fully or partially seal a door? Whether this is for security, safety, environmental controls or other reasons, we can help you find the right solution. We work with companies of all sizes to help them get better control of their egress points using a variety of door systems, ranging from high-speed to strip doors, security and pest control systems and many more.

**DOCK AREA SERVICE & MAINTENANCE**
**800-230-9247 24/7**

# Dock Edge Safety Gates

www.cisco-eagle.com/dockgates

Open dock doors mean a dangerous ledge, but fall protection gates let you guard that edge while your doors are open. Many options are available that allow you to manage the way the gates open, swing, lift and rotate to match your needs and operation.

Most gates are painted safety yellow for improved visibility and meet the 200 pounds OSHA 1910.23 standard.
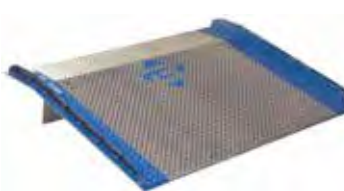
## Dock bumpers

www.cisco-eagle.com/bumpers

**Laminated:** made of laminated rubber pads and structural steel, bumpers absorb up to 80% of impact. **Extruded:** one-piece solid rubber for medium- to heavy-duty protection. **Molded:** protect low traffic docks and in-plant walls.

## Dockboards & dockplates

www.cisco-eagle.com/dockboards

# Industrial Casters & Wheels

www.cisco-eagle.com/casters

"Casters usually fail because the wrong rig, bearing or wheel was specified. High temperatures, impact loading, towing speeds, oils, chemicals, moisture, airborne debris, overloading—any of it can cause a caster or wheel to fail."

—Derek, Employee-Owner Since 2020



## Typical applications

- Warehouses and shops
- Aluminum extruding operations
- Paper, pulp and tube manufacturing
- Automotive/truck manufacturing
- Medical/hospital operations
- Aerospace manufacturing and maintenance
- Tire manufacturing
- Fabrication/special products
- Dumpsters and bulk containers

# Carts, Trucks & Material Transport

www.cisco-eagle.com/carts

Carts for every application: heavy duty, industrial and more for transport, assembly, picking and other warehouse functions.

SEE MORE



LITTLE GIANT

NEWCASTLE SYSTEMS

# Manufacturing Partners

www.cisco-eagle.com/manufacturers

shop|talk

"I pick and ship orders from our warehouse. When we serve customers, we're also serving our fellow employee-owners. We share a common future and want to do right by everyone—customers, partners and each other."

—Alfredo, Employee-Owner Since 1999



Logos: intralox · HYTROL · STEEL KING BUILT TO DELIVER · UNEX · PFLOW INDUSTRIES · ZoneSafe · PANEL BUILT INCORPORATED · WPR · WireCrafters · SOUTHWORTH making work faster, safer, and easier · HÄNEL · NASHVILLE WIRE PRODUCTS · PREMIER TECH · FMH CONVEYORS · COLLISION AWARENESS · Lantech

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Adrian's: rack safety straps
Advance Lifts: scissor & dock lifts
AisleCop®: forklift safety gates

**AISLECOP**

AisleAlert: safety warning systems
Akon: Lift table skirting and guards
Albion: casters & wheels
Albany: high-speed doors
Aleco: strip doors
ALERT Safety: traffic management
Alvarado: collision sensor bars
American Safety Equipment: Laser tine guides
Amigo: power mobility carts and carriers
Ashland: conveyors
Atlantis: conveyors
Autoquip: scissor lifts, VRCs

**Autoquip**

Berran: packaging equipment
Big Ass Fans: HVLS and directional fans
Bishamon: scissor lifts, positioners
Bluff: dockboards, yard ramps, mezzanines
Borroughs: shelving systems
BOSTONtec: workstations
BrinkAlert: Safety lights for doors, gates, docks
Carron: safety netting systems
Cogan: mezzanines, partitions
Cognex: vision & scanning systems
Collision Awareness: safety sensors
Colson: casters and wheels
ConveyX: conveyors
Custom Industrial: vertical conveyors
Dolav: poly pallets, containers
Dehnco: workbenches
Durable: dock bumpers, mats, chocks

Durham: metal cabinets, Rotabins
Equipto: shelving, mobile aisle

**EQUIPTO**

ErectaStep: modular platforms
ErgoMat: safety and ergonomics
FMH Conveyors: flexible conveyors
Folding Guard: wire lockers, security
Garlock: platform fall protection
Genie Grips: rubber tine covers
Goff's: vinyl curtain walls, high speed doors, screens
Corbel: crane systems, rail systems
Hallowell: lockers, shelving, cabinets
Handle-It: stretchwrappers
Hanel: vertical carousels, VLM's
Harrington: hoists - electric/air
Hytrol: conveyors
Ideal Shield: urethane bumpers, rails
Ideal Warehouse: safety bumpers, barriers
Illinois Engineered: folding gates
InCord: conveyor & rack safety netting
Interlake Mecalux: racks, storage systems
Interroll: conveyors, flow systems

**INTERROLL**

Intralox: sortation, singulation
Jesco: self-dumping hoppers
Justrite: safety cabinets
JW Speaker: forklift safety lights
Keneco: carton flow racks
Lantech: Packaging automation
Lightning Pick: pick-to-light systems
Lift'n Buddy: mobile stacker trucks
Liftow: forklift safety lights
Little Giant: carts & trucks

Logitans: industrial lifting systems
LTBL Tech: safety projection systems
Mallard: carton & pallet flow systems
McCue: flexible guardrails
Meco: cantilever & other racking

**MECO**

Mezzanine Safeti-Gates: platform gates
Mid-States: heavy handling carts
Morse: drum handling
Nashville Wire: wire decks, containers
Nergeco: high-speed doors
New Age: aluminum carts, trucks
Newcastle: mobile power workstations
New London: customized conveyors
Nordock: dock safety barriers
Nova Technology: dock safety gates
Omni: conveyors
Orion: automated stretchwrappers
Pacline: overhead conveyor systems

**PACLINE** OVERHEAD CONVEYORS
WWW.PACLINE.COM

Panel Built: modular buildings
PFlow: vertical reciprocating conveyors
PickerPal: pick module swing arms
PortaFab: modular buildings
Porta-King: modular buildings
Premier Tech: palletizers
Presto: scissor lifts, stackers
Pro Line: ergonomic workstations
Qimarox: vertical lift systems
QC Conveyors: low profile conveyors
Quantum: bins, shelving, cabinets

Rack Engineering: roll out sheet metal racks, extendable die, crank-out cantilever rack
Rice Lake: scales

**RICE LAKE** WEIGHING SYSTEMS

RigURak: pallet rack and accessories
Roll-Out Racks: roll-out racks
Rousseau: modular drawer cabinets, shelving
RWM: heavy duty industrial casters, wheels
Ryson: spiral conveyors, chutes
Save-ty Yellow: alarms, guardrails
Se-Kure: visibility and safety mirrors
SICK: sensors, automation components
Sentry: column/facility protection
Southworth: scissor lifts, positioners
Spanco: jib, bridge, gantry cranes

**SPANCO**

Stackbin: metal containers
Steel King: racks, guardrails, containers, mezzanines
Strong Hold: heavy duty storage
Trac-Rite: pallet rack enclosure systems
Tri Lite: dock/truck lighting
UltraTech: spill control systems
Unarco: pallet rack
Unex: carton flow, gravity conveyors
Vestil: various material handling
Wastequip: self-dumping hoppers
Wearwell: safety/ergonomic mats
West Point: cantilever, stacking racks
Western Pacific: shelving, mezzanines
Wildeck: mezzanines, crossovers, dock gates, VRCs
WireCrafters: wire partitions, machine guards, security
Wy'East: clear forklift cab covers
ZoneSafe: forklift safety systems

# Own the Outcome

*You don't automate to pick, sort, store, assemble or transport. You automate because it lets you do those things better and safer than your competition. We're here to help you succeed—to own the outcome.*

## Our Mission

*Our employee-owners deliver high-value material handling, automation, service and safety solutions for industrial facilities and the people who operate them.*

## 100% Employee Owned

*Cisco-Eagle employees are shareholders with a stake in the company's success. Every time you speak with one of us, you're talking with an owner who takes care of your business—and ours—like an owner. Work with us and you'll see the difference.*

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