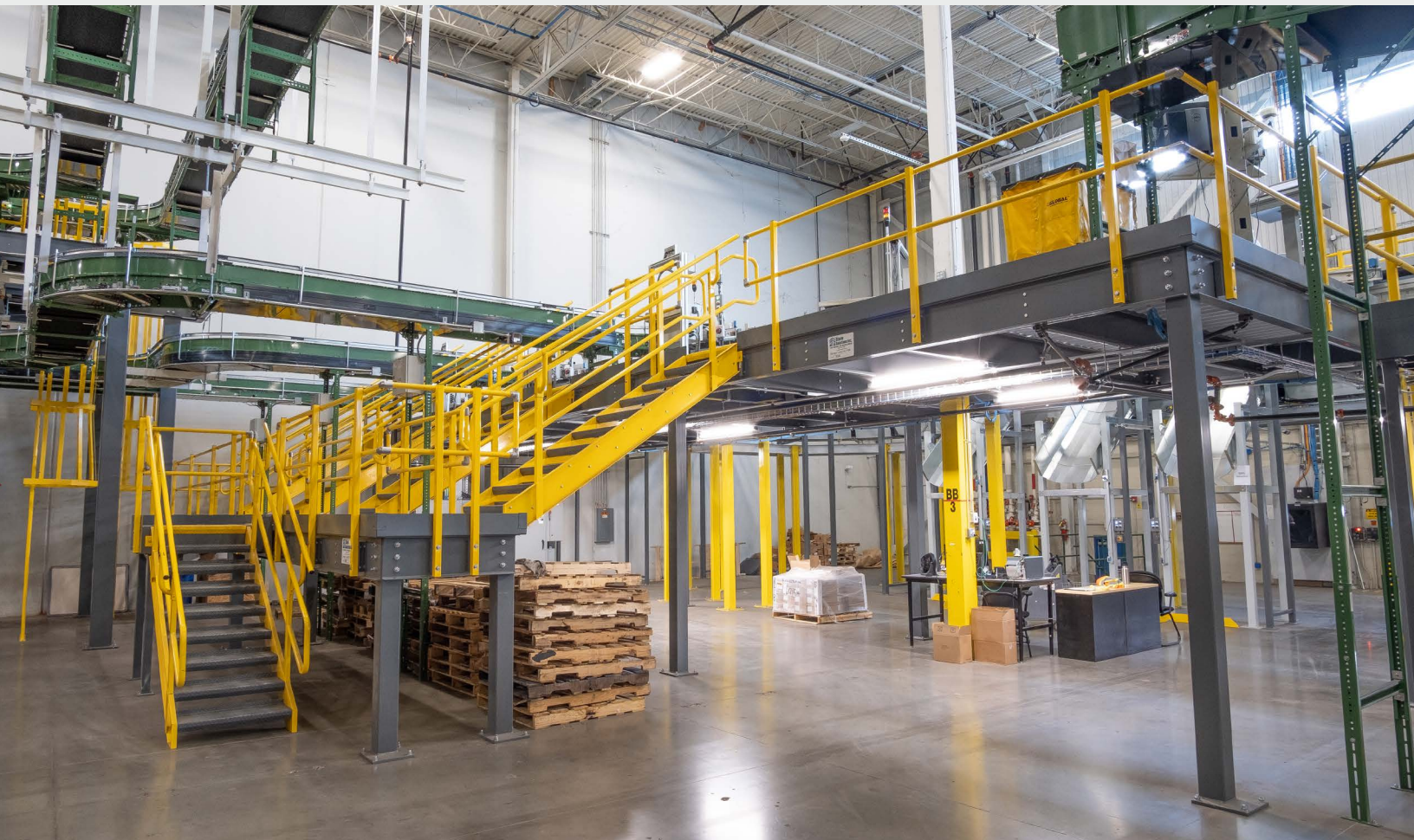


STEELE SOLUTIONS

SPACE UTILIZATION EXPERTS PLATFORMS + ACCESSORIES



www.steelesolutions.com
info@steelesolutions.com

PLATFORMS

INNOVATIVE PLATFORM DESIGNS

Steel work and equipment platforms provide substantial benefits at a fraction of the cost of what it might be to move operations into a new space. Our team of experts work side by side with you to design a solution that unlocks the full potential of your new or existing facility.

Advantages of work and equipment platforms include:

- Increased storage space
- Enhanced worker productivity
- Streamlined product flow
- Faster access to critical machinery and equipment





WORLD-CLASS PLATFORM SOLUTIONS

Steele Solutions' innovative platforms have been installed in all 50 states and in countries around the world. Our experienced engineering team is equipped with a deep understanding of building codes and regulations to ensure your platform is installed safely and correctly.

We provide consultation, design, fabrication, and delivery of everything from small storage platforms to highly complex work and equipment structures. Our experts work side by side with you to design structures that meet your requirements and specifications.

Unlock the full potential of your facility with Steele Solutions' innovative platform designs. Ready to maximize your space and boost productivity? **Contact us today.**

PLATFORMS

THE STEELE ADVANTAGE: LESS IS MORE

Our engineers have discovered that less is better. Here are a few examples of using less to gain more. These benefits result in safer platforms which assemble easier, quicker, and with fewer components.



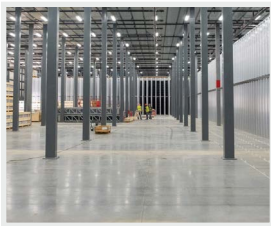
MOMENT CONNECTION

In structural design, a Moment Connection is a connection joint between a beam and a column where the end of the beam is restrained from rotating—a rigid frame is created without the use of conventional cross-bracing. Steele Solutions' beam bolts directly to the face of the column, making it the easiest connection to install in the industry. Fewer bolts, bracing, and no plates allow for safe and fast installation.



NO CROSS OR KNEE BRACING

Knee bracing adds significant time to installation and reduces space for conveyors and other mechanical equipment.



MORE USABLE SPACE

Our Moment Connection design allows for longer column runs and creates open spaces to maximize a facility's usable space.



FEWER COMPONENTS

Our designs are streamlined to minimize the number of components required, delivering significant savings in time and costs associated with handling, storage, identification, and installation.

TRUSTED BY INDUSTRY LEADERS

Steele Solutions has grown over the years because we prioritize relationship-building and we deliver high-quality products. We collaborate closely with our clients to tailor solutions to meet their unique needs, ensuring a streamlined process from design through installation and beyond.

Every day, leading companies in the e-commerce, retail, distribution, and manufacturing industries utilize our platforms to operate their facilities safely and efficiently.

VERSATILITY

Our platform solutions are designed to fit your current floor plan, to accommodate equipment, to improve access to inventory—or all of the above.

MAXIMIZE SPACE

Steele Solutions' team of experienced engineers can transform unused space into an area for storage, machinery, or maintenance access. Every inch of space matters, and we help you enhance your facilities' capabilities with efficient, custom solutions.

SAFETY

Safety is paramount in industrial and commercial spaces. Each platform is engineered to meet rigorous strength and stability standards and includes safety features like guardrails and kick plates to protect personnel.



PLATFORMS

DURABLE DECKING SOLUTIONS

Steele Solutions offers a variety of decking options for your work and equipment platforms. All of our decking materials have long-lasting strength, durability, and a professional look and feel.

The type of decking required may vary based on application and code requirements. Our team of trusted experts can help you choose the right solution for your needs.



RESINDEK®

We've partnered with floor decking specialist ResinDek® to deliver a durable and reliable wood deck finish. ResinDek® is layered on top of our 20-gauge type B (wide-rib) roof decking to provide a strong, solid flooring surface. LD, MD, HD, WR, MAX and Xspan® ResinDek® are available.



ROOF DECK

Our 20 gauge Type B roof decking can be used for custom flooring applications such as concrete. The bottom of roof decking is painted bright white to enhance reflectivity and reduce the amount of light required to illuminate the underside of a platform.



BAR GRATING

Bar grating is a common option for platforms, catwalks, and conveyor systems. Welded steel bar grating offers strength and reliability while letting air and light pass through the surface.



FLOOR PLATE

Offered in both diamond pattern and smooth finishes, floor plate is used for heavy-duty applications. Made of ¼" thick or 12 gauge steel, this option offers an outstanding combination of both durability and safety.

Enhance the durability and aesthetics of your work and equipment platforms with our top-quality decking solutions. Ready to find the perfect decking material for your application?

Contact Steele Solutions today.

FRAMING SOLUTIONS FOR EVERY APPLICATION

At Steele Solutions, our framing options cover everything from small storage platforms to complex, heavy-load equipment platforms. The type of framing needed will depend on various factors such as size, application, and site location.

FRAMING EXPERTISE

Our experienced engineers work closely with you to understand your requirements and design a framing solution that meets your needs. We take into account factors such as:

- Load requirements
- Platform size and shape
- Site conditions and constraints
- Applicable building codes and regulations

QUALITY MATERIALS, TURNKEY IMPLEMENTATION

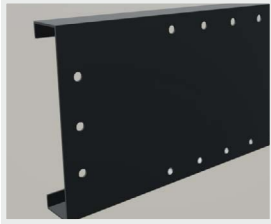
All of our framing components are manufactured using high-quality steel and state-of-the-art equipment. Framing systems are designed for efficient installation, minimizing on-site construction time and reducing overall project costs.

FRAMING GUIDE					
	C-SECTION/ SteeleTrax	BEAM & C-SECTION	BEAM & BEAM	BEAM & BAR JOIST	BAR JOIST & GIRDER JOIST
SIZE	Small-Medium	All	All	Medium-Large	Medium-Large
ADVANTAGES	Most cost efficient Quicker delivery	Flexibility in column location (span) allows cantilevers quicker delivery	Greatest flexibility in column spans specific point loads Higher point loads	Large spans open web, which easily allows conduit or pipes to pass thru	Large spans open web, which easily allows conduit or pipes to pass thru
LIMITATIONS	Column spacing	Cost, compared to all C-Section design Slab capacity	Cost Slab capacity	Depth of structure Cost Slab capacity	Depth of structure Cost Slab capacity

PLATFORMS

STEELETRAX

SteeleTrax is a versatile solution for suspending pocket sorters, fire suppression systems, lighting, and other mechanical equipment. Standard SteeleTrax comes with holes on the top and bottom spaced 50mm on center, consistent with industry standards. Custom hole patterns are available.



Our experienced engineers will work closely with you to understand your requirements and design a SteeleTrax solution that meets your needs.

We take into account factors such as:

- Load requirements
- Structure: Open-Grid or Decked Platform
- Suspension point locations
- Applicable building codes and regulations



STEELETRAX SPECIFICATIONS

PROFILE DEPTHS	THICKNESSES	LENGTHS
8 - 18"	14 Gauge - $\frac{1}{4}$ "	Max 20'

STANDARD C-SECTIONS

C-Sections provide excellent stability and durability. Their lightweight design is ideal for maximizing cost-efficiency. They are primarily used as joists in platform design.



STANDARD C-SECTION SPECIFICATIONS

PROFILE DEPTHS	THICKNESSES	LENGTHS
8 - 18"	14 Gauge - $\frac{1}{4}$ "	Max 20'

STANDARD RAILING

Railing is an essential component of platform systems, providing safety and stability for workers and material. Railing systems are designed to comply with all building and safety regulations.

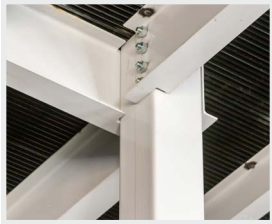


Railing Options:

- **Round:** Sleek $1\frac{5}{8}$ " diameter steel pipe
- **Square:** Sturdy $1\frac{1}{2}$ " x $1\frac{1}{2}$ " steel tube
- Optional netting available

STANDARD WIDE FLANGE BEAMS

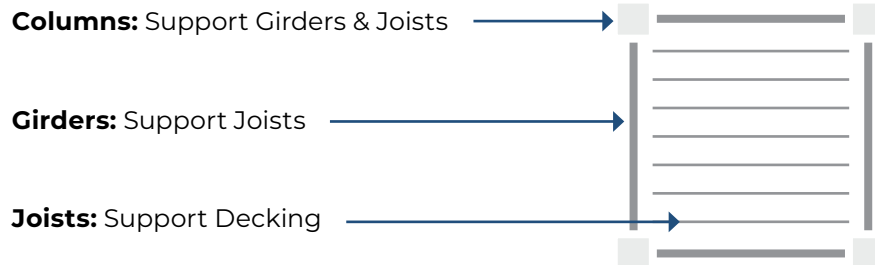
Beams are typically required for structures with high loading requirements and large spans. Standard wide flange beams offer incredible strength and come with a professional powder-coat finish.



Specifications

- Beams are offered in a variety of depths, lengths, and widths.
- Our expert engineers can assist in determining the optimal framing structure that maximizes efficiency and meets all applicable loading requirements and codes.
- Beams can be used as both joists and girders in platform design.

TYPICAL PLATFORM LAYOUT



STANDARD COLUMNS

Columns are a critical component in platform design. Standard HSS (Hollow Structural Sections) columns are fabricated using our state-of-the-art manufacturing equipment, ensuring a high standard of quality.



Specifications

- Columns are offered in a variety of heights, depths, and thicknesses
- Column sizing and spacing play critical roles in the load capacity of a platform
- Column base plates are typically 6" wider than column dimensions

PLATFORM ACCESSORIES

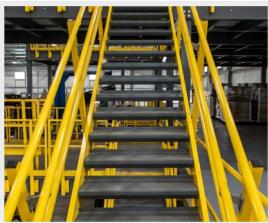
STAIRS DESIGNED FOR INDUSTRIAL USE

Stairs are designed to provide safe access for traveling up and down platforms. They may provide access from the floor level to a platform or connect two levels of a multi-level platform. At Steele Solutions, we prioritize safe, durable stairs with a focus on quality and ease of installation.



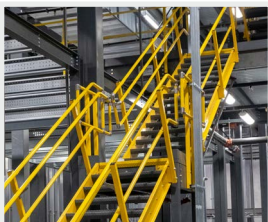
SAFETY AND COMPLIANCE

Safety is our top priority. Our stairs are designed and manufactured to meet or exceed the latest OSHA and IBC safety standards, ensuring a safe and secure environment for your employees and visitors.



DURABLE CONSTRUCTION

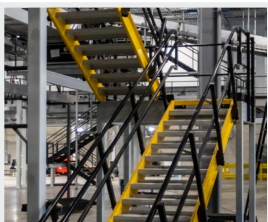
Our stairs are constructed using high-quality, durable materials designed to withstand the demands of industrial environments. Their robust construction ensures long-lasting performance and minimal maintenance requirements.



CUSTOMIZABLE OPTIONS

We offer a range of options to suit your specific needs, including:

- Round or square rail systems
- Diamond plate or bar grating treads
- Multiple design standards to meet the maintenance and egress requirements for your space and layout
- Stair landings used where required by code and upon request for safety and convenience



MODULAR DESIGN FOR EASY SHIPPING AND INSTALLATION

Our stairs feature a modular design, enabling efficient shipping and installation, reducing overall project costs, and minimizing on-site disruption. The modular components are designed to fit together seamlessly, ensuring a quick and efficient installation process.

ENHANCE SAFETY AND EFFICIENCY WITH INDUSTRIAL GATES

Gates provide safe access to a platform system. Our gates are designed with optimal protection in mind and enable increased efficiency of operations. Additional fall protection (not included) may be required for gate systems.



SINGLE SWING GATE

- Two-Rail, swing-in design
- Can be assembled to open from right or left
- 6' Wide Opening
- Locks when not in use



BI-SWING GATE

- Two-Rail, swing-in design
- Designed for smooth opening and closing
- 6' Wide Opening
- Locks when not in use



SLIDE GATE

- Premium roller wheels enable smooth operation
- Seamlessly integrates with Steele Solutions' railing system
- 6' Wide Opening
- Locks when not in use



PIVOT GATES

- For safely transporting pallets and other materials to and from a platform
- Seamlessly integrates with Steele Solutions' railing system
- 6' Wide Opening
- When one side opens, the other side closes, ensuring continuous railing along the deck edge

PLATFORM ACCESSORIES

LADDERS DESIGNED FOR INDUSTRIAL USE

Ladders provide safe and efficient access to platforms and other key areas of a facility. Designed to provide optimal stability and durability, our ladders will withstand repeated use. We offer a complete selection of industry-standard ladders that comply with all safety regulations.

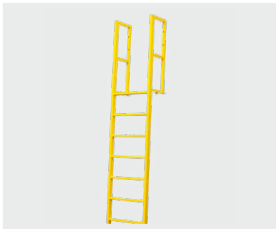


CAGED LADDERS

- Diamond tread ladder rungs
- Optional self-closing swing gate available
- Delivered in 1' increments and can be field cut to the exact height required

SPECIFICATIONS

HEIGHTS (Top of Deck)	8' - 20'
TREAD WIDTH	24"
MATERIAL	3/8" steel ladder rail



STRAIGHT LADDERS

- Diamond tread ladder rungs for safety
- Optional self-closing swing gate available
- Delivered in 1' increments and can be field cut to the exact height required

SPECIFICATIONS

HEIGHTS (Top of Deck)	Up to 20'
TREAD WIDTH	24"
MATERIAL	11-gauge steel

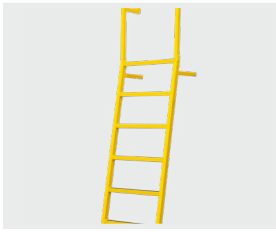


SHIPS LADDERS

- Anti-slip ladder rungs
- Optional self-closing swing gate available
- Pre-engineered designs available in 1/2" increments

SPECIFICATIONS

HEIGHTS (Top of Deck)	Up to 20'
TREAD WIDTH	24"
PITCHES	60°(3'-5'H), 65°(5'-15'H)
MATERIAL	11-gauge steel

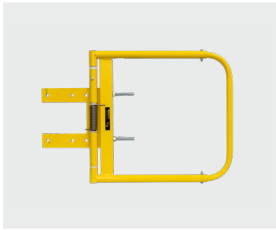


BENT LADDERS

- Anti-slip ladder rungs
- Optional self-closing swing gate available
- Can be field cut to the exact height required

SPECIFICATIONS

HEIGHTS (Top of Deck)	Up to 20'
TREAD WIDTH	24"
PITCHES	80°
MATERIAL	11-gauge steel



LADDER GATES

- Provides added security
- Convenient self-closing design
- Installation hardware included

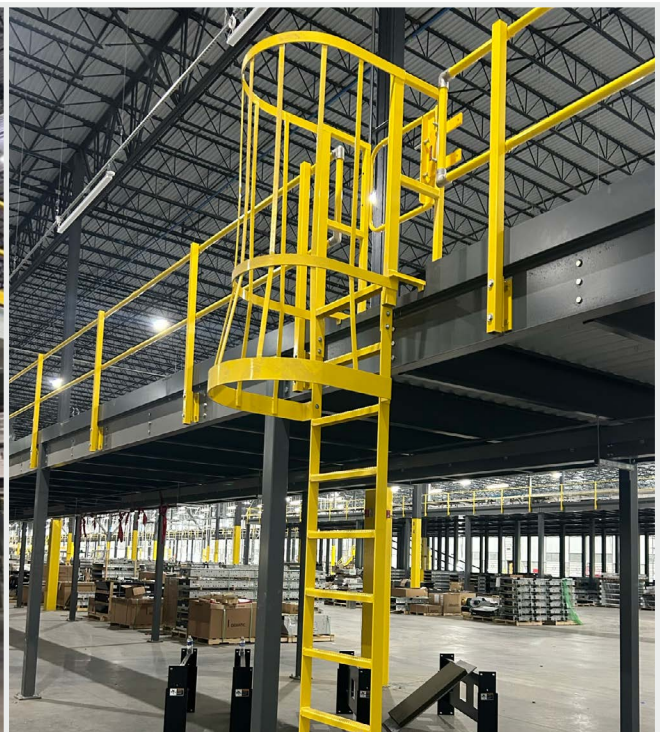
SPECIFICATIONS

MATERIAL	Powder-Coated Steel
FITS OPENINGS	24" - 37"
FINISH	Safety Yellow

SAFETY AND COMPLIANCE

Our ladders are designed and manufactured to meet the latest IBC and OSHA safety standards, ensuring a safe working environment for your employees.

Enhance the safety and efficiency of your platform system with our range of industrial ladders. Ready to upgrade your facility? **Contact Steele Solutions today.**



PLATFORM ACCESSORIES

INDUSTRIAL CATWALKS SERVE AS ELEVATED WALKWAYS FOR SAFE ACCESS

Catwalks offer safe and convenient access to conveyor systems and other critical mechanical equipment. We pride ourselves on delivering quality and reliable catwalk solutions so you never have to worry about employees having safe access to important areas.

Catwalks can be ceiling-hung, structure-supported, or floor-supported, depending on the design of the facility. Our experts listen to your needs and carefully study the facility layout to determine the optimal design for your catwalk system.

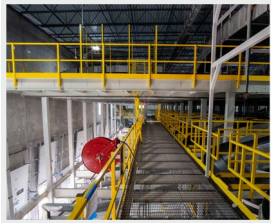


STEELE SOLUTIONS IS THE LEADING INDUSTRIAL CATWALK PROVIDER

Steele Solutions' catwalks are made of durable, industry-grade steel with a professional powder-coated finish. Our catwalks have been installed in distribution, fulfillment, and sortation centers across the United States. Top companies in the e-commerce and retail industries trust our catwalks to provide access to critical machinery and equipment.

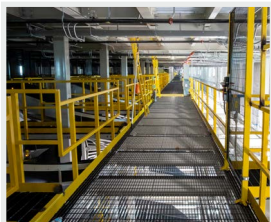
At Steele Solutions, we listen and respond to your catwalk requirements to design a solution that meets your needs. It is our mission to ensure you never have to worry about a major delay in operations.

CATWALKS DESIGNED TO MEET YOUR NEEDS



STRATEGIC DESIGN

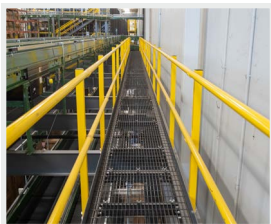
Our engineers take a detailed look at the layout of the facility to design the most efficient catwalk system that complies with code requirements. Our team crafts structural drawings of where your catwalk would be installed, including details about the positioning of the catwalk. We consider the elevation of the principal structure along with the required elevation of the walkway surface.



FLOORING

Our catwalks are offered with two flooring options:

- ResinDek® is a heavy-duty wood flooring panel that provides a durable, solid surface. Layered on top of 20-gauge steel roof decking, this option provides a comfortable and professional-looking walking surface.
- Bar grating offers great strength and reliability. Ideal for situations where air and light should pass through.



ASSEMBLY

The modular design of our catwalks saves on expensive freight costs and provides installers the ability to perform in-field modifications seamlessly.

- Lengths: Catwalks are shipped unassembled in 12' sections, which can be easily connected together. These sections can be field-modified to a shorter length to accommodate any situation.
- Widths: We offer catwalks in nominal widths of 24, 30, and 38".



PLATFORM ACCESSORIES

DURABLE CROSSOVERS FOR YOUR FACILITY

Crossovers allow workers to safely and efficiently navigate an industrial facility. Their primary use is to travel over conveyor systems, machinery, and other obstacles found throughout the workplace.

Steele Solutions offers a full selection of industrial-grade crossovers that can be installed in new or existing facilities.

BUILT ACCORDING TO CEMA GUIDELINES

Our crossovers are designed and fabricated according to Conveyor Equipment Manufacturers Association (CEMA) guidelines. We follow these guidelines carefully to ensure you receive a crossover that consistently performs as expected.

CROSSOVER TYPES

The type of crossover required will depend on the facility layout, equipment to be traversed, and end-user preference. We offer a full selection of crossover designs to meet various applications.



TYPE 1

Also known as Step-Overs, type 1 crossovers feature vertical ladders that allow workers to step directly over conveyors or other equipment. Single-wide and double-wide options are available.

Specifications:

- Ladder Heights (Top Rung): 2' – 5'
- Clear Spans: 1" – 50"
- Clear Width: 24"
- Durable 14-gauge square railing
- Modular design allows for efficient installation and in-field modification
- Quick Turnaround: Product ships within two weeks



TYPE 2

Type 2 crossovers feature stairs that allow workers to step directly over conveyors or other equipment.

Type 2 crossovers are constructed of durable, high-quality steel and are designed to match the end user's application. Our team will work with you to create the most efficient design that meets code requirements.



TYPE 3

Type 3 crossovers are elevated crossovers that allow workers to traverse over conveyors or other obstructions using vertical ladders connected by a diamond floor plated walkway.

These crossovers are ideal where space is limited:

- Clear Heights (Under Walkway): 67, 79, 91"
- Clear Spans: 23, 35, 47, 59, 71, 83, 95, 107"
- Clear Width: 26"
- Durable 14-gauge round railing
- Modular design allows for efficient installation and in-field modification
- Quick turnaround: Product ships within four weeks



TYPE 4

Elevated type 4 crossovers provide up-and-down access via stairs, a full railing system, and decking. Type 4 crossovers are generally used in publicly accessible areas or where the crossover is the primary route for workers.

In most industrial applications, type 4 crossovers are custom-designed to meet facility specifications and requirements. We have experience designing and manufacturing custom type 4 crossovers for various packaging, industrial and warehousing environments.

Ensure safe and efficient navigation across your facility with our durable industrial crossovers. Ready to enhance your workplace with compliant, reliable solutions? **Contact Steele Solutions today.**

40+ YEARS OF INDUSTRY EXPERTISE

Companies work with Steele Solutions because they know they'll get a superior product and outstanding service from a company they can trust. We work tirelessly to understand each of our client's needs so we can provide creative solutions.



With a team of **60+ engineers**, we pride ourselves on product solutions with ingenuity and custom capabilities.



100% of our steel products are **manufactured in the U.S.A.**



We deliver products **on budget** and **on time**, with a proprietary installation process that means you get the right parts at the right time.

PROUDLY CERTIFIED



Our commitment to quality goes beyond our products—it's embedded in the partnerships we build with our customers. Together, we create safe, smart, and integrated systems that stand the test of time.

- Kevin O'Neill, CEO



WHAT PROJECT CAN WE HELP YOU WITH?

1-800-537-0983 | info@steelesolutions.com | steelesolutions.com

**Ready to experience the
Steele Solutions difference?**



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