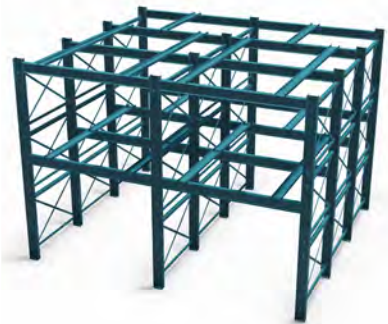


Dexco[®] Structural I-Beam Specialized Racks

Custom storage solutions for products
of unique shapes and sizes



No matter how uncommon or detailed your storage requirements, Ross can deliver a rack system to store practically any load, of any length, weight or size. Our Specialized Rack Systems include Stanchion Racks, which allow for vertical positioning of materials such as sheet metal, steel plate, glass and granite. Ross also custom designs and fabricates cantilever and other rack styles for bulky and oddly shaped building materials. And like all our rack solutions, Dexco Specialized Racks are built only with structural steel components for superior quality, strength and durability.



Dexco® Structural I-Beam Specialized Racks

Design Overview

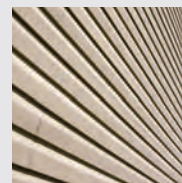
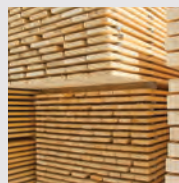
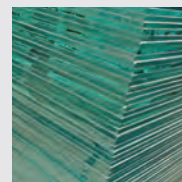
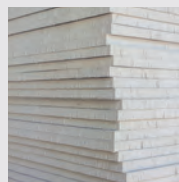
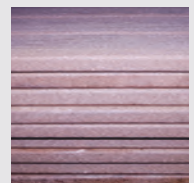
Dexco Specialized Racks are designed to accommodate specific storage requirements for a host of unique products. A variety of column, arm and shelf configurations are available to provide you with a safe and organized storage solution. Simply tell us the size and weight of your materials. Our engineers will design a system that meets your requirements for both storage capacity and workplace safety. Regardless of the style, all of our specialized racks offer the following benefits:

- **Maximized storage space:** Customers can potentially quadruple capacity in their existing space
- **Efficient, organized storage:** Bulky, oversized items such as building materials, furniture, appliances and textiles are easy to store and retrieve
- **Flexibility:** Adjustable/stackable shelf designs offer highly flexible storage space
- **Lower operating costs:** Wide, open rows ease the loading and unloading of products, saving valuable time
- **Reduced product damage:** Inventory is protected from material handling equipment
- **Increased safety:** Workers retrieve parts easily and safely, so there is less risk of injury



Applications

- | | |
|---------------|----------------|
| • Sheet Metal | • Decking |
| • Steel Plate | • Cabinets |
| • Granite | • Glass |
| • Siding | • Furniture |
| • Flooring | • Fabric Bolts |
| • Windows | • Carpet Rolls |
| • Drywall | • Appliances |

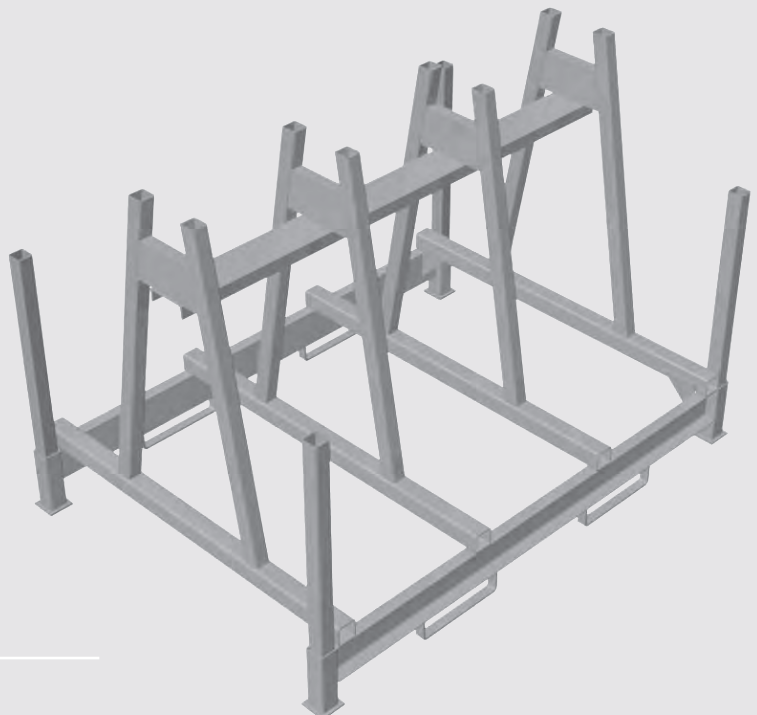


Standard Features

Dexco Rack Systems are engineered using American Institute of Steel Construction (AISC) standards, which were developed to guide the design of large steel structures such as bridges and buildings. The stringent nature of these standards, coupled with Ross's conservative approach to structural rack design, mean you can be confident that your people and products are safe and secure.

All vertical and horizontal members are manufactured using wide flange beams with a 50 KSI minimum yield, offering greater strength and durability compared to roll-formed steel. As a result, these racks better resist damage from material handling equipment and provide larger load capacity within a given space.

- Structural I-beam construction
- Shelving and arm configurations are engineered to accommodate the specific material being stored
- Structural bolt-together brace systems offer lateral rigidity
- Modular design makes it easy to add more bays
- Columns and shelf beams are bundled for easy installation and cost-effective shipping
- Load capacities: Ross engineers racking systems to meet virtually any weight requirement. Typical systems support loads ranging from 1,000 pounds to 80,000 pounds per level



Granite Storage

Optional Features

Powder Coat Color Options

Traffic Yellow
RAL 1023



Traffic Orange
RAL 2009



Signal Red
RAL 3001



Cobalt Blue
RAL 5013



Moss Green
RAL 6005



Terra Brown
RAL 8028



Ross Gray

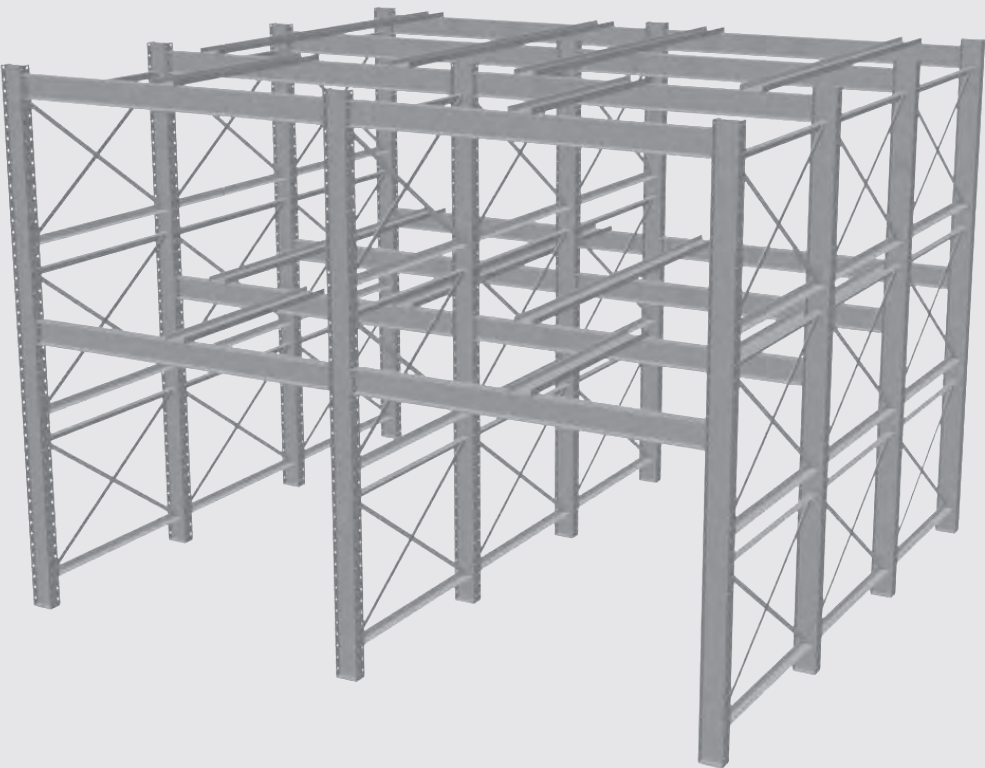


Standard Finish

- Factory-applied powder-coated finish

Optional Finish

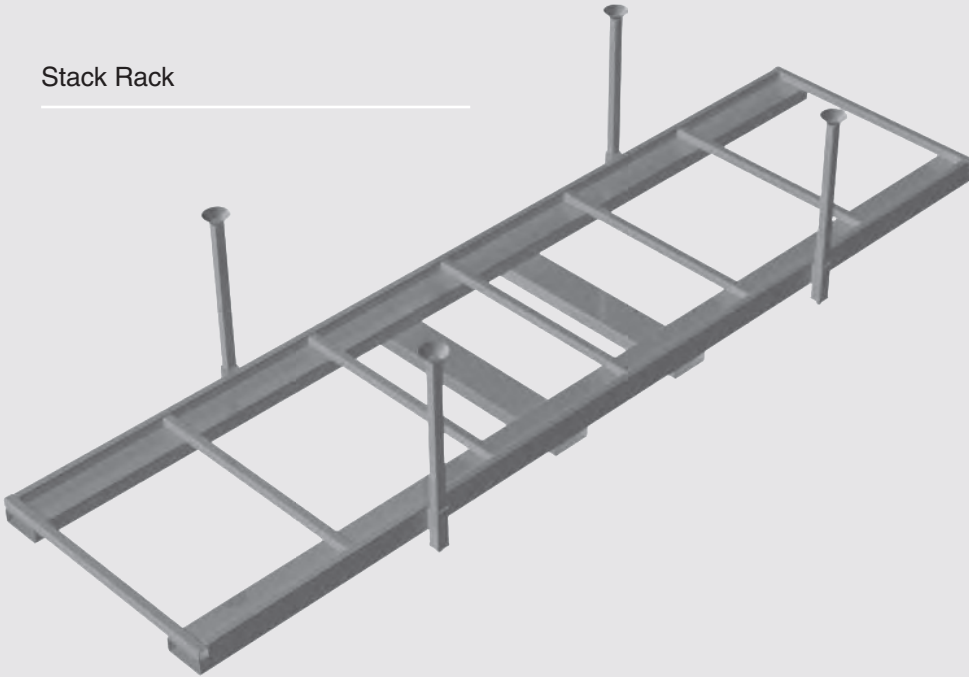
- Hot-dip galvanized coating



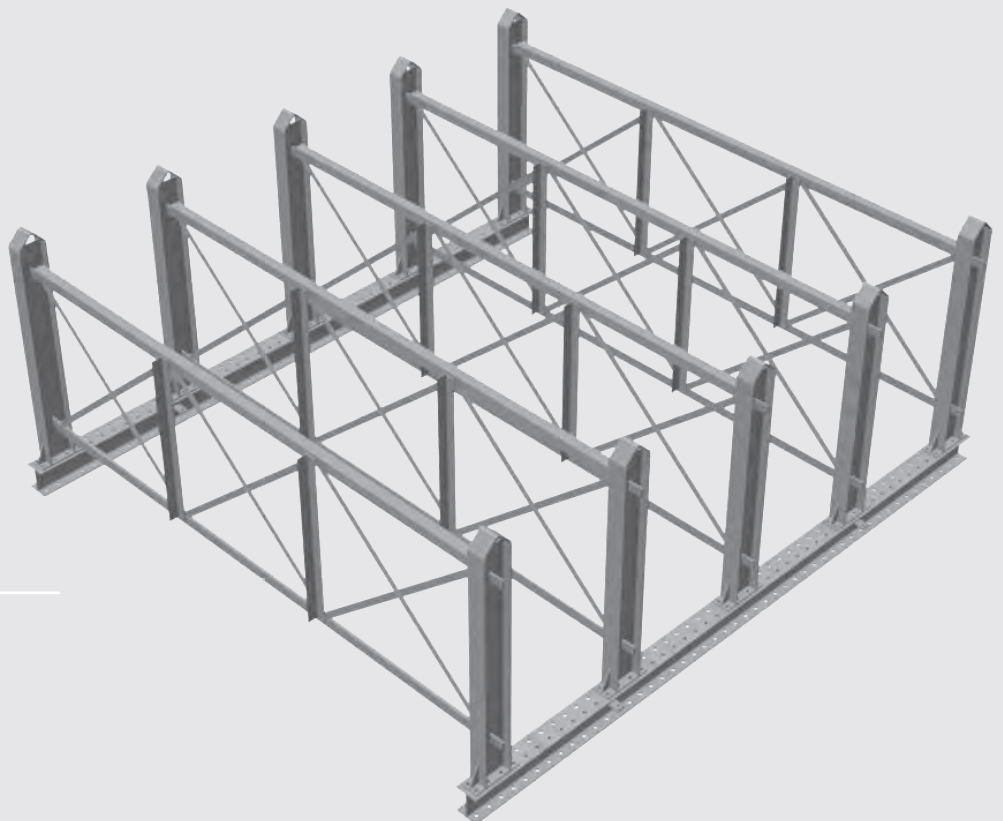
Boat Rack

Optional Features

Stack Rack



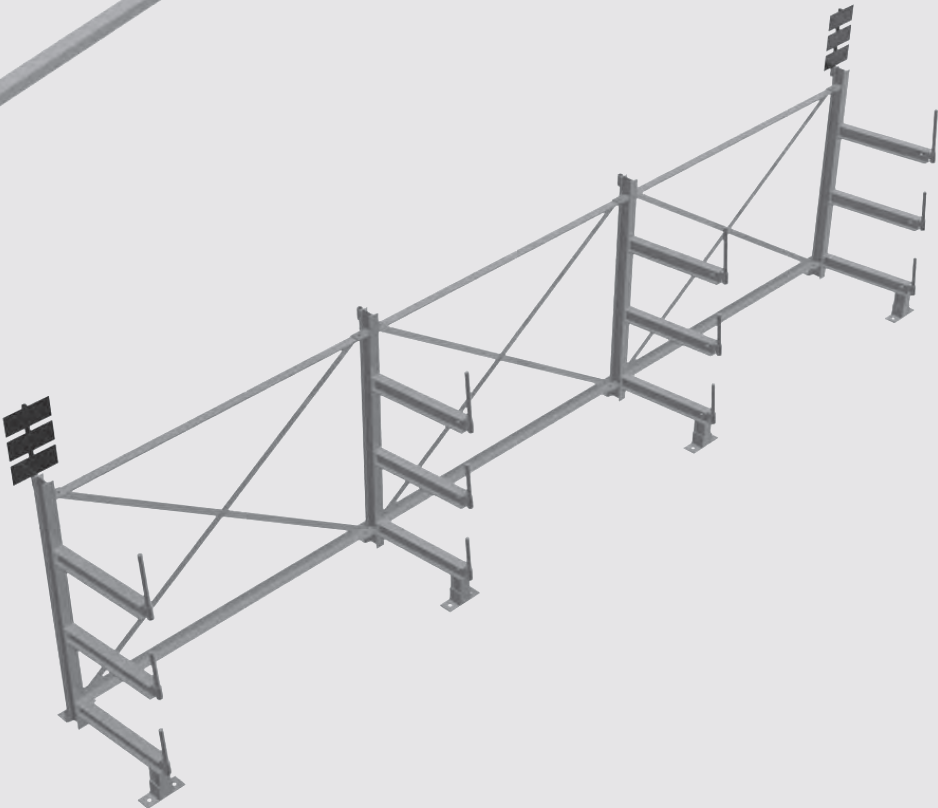
Stanchion Rack



Optional Features



Garage Door Rack



Rebar Rack

Technical Information

Applicable Standards, Testing & Certifications

- ANSI/AISC 360, Specification for Structural Steel Buildings
- AWS D1.1/D1.1M, Structural Welding Code – Steel
- ASTM A572, Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel
- ASTM A36, Standard Specification for Carbon Structural Steel
- ASTM A325, Standard Specification for Structural Bolts, Steel
- ASTM A992, Standard Specification for Structural Steel Shapes

Quality Control

ISO 9001:2015



Installation Considerations

Components are bundled to make installation simple and shipping cost-effective. Detailed installation manuals are provided for your installation crew.

Availability & Cost

Ross offers rack designs for a wide range of weight and capacity requirements. Due to their custom nature, contact Ross for lead times.

Warranty

Ross warrants that all of its manufactured products shall remain free of defects in material and workmanship under normal use for a period of one year from the date of delivery.

Maintenance

Semi-annual maintenance is recommended to

- 1) inspect structural components and welds for damage caused by overloading or forklift equipment
- 2) tighten or replace missing bolts and anchors and
- 3) confirm racks are plumb.

Technical Services

- Custom engineering and rack design
- Site specific drawings (available upon request with upcharge)

Product specifications and information may be downloaded at RossTechnology.com



**Ross offers a complete line
of structural steel racks**

- Dexco Cantilever Racks
- Dexco Coil Racks
- Dexco Tool & Die Racks
- Dexco Salvage Yard Racks
- Dexco Specialized Racks
- Dexco Shed Racks

dexco[®]
STRUCTURAL STEEL
I-BEAM RACKING SYSTEMS

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