Dexco Cantilever Rack Systems offer the strength, durability and layout to store products of practically any dimension or weight. They’re particularly ideal for materials that are wide or bulky, and thus difficult to store on traditional pallet racks. And because we only use structural steel, our designs can easily accommodate numerous adjustable arms to maximize your floor space and can be engineered to handle virtually any load.
Dexco Cantilever Racks comprise single- or double-sided columns that support vertically adjustable arms. These arms are bolted securely to the columns and can be angled to retain loads. A horizontal base helps stabilize the structure and supports the bottom load. This type of storage system offers many advantages, including:

- **Flexibility**: The lack of front columns means no restrictions on the length of items stored. Different-length objects or oddly sized items can be placed within the same rack system.
- **Accessibility**: Because there are no vertical obstructions at the face of the rack, loading and unloading product is quick and easy.
- **Adjustability**: Bolted connections allow for easy adjustment of arms to accommodate a wide variety of load heights.
- **Modularity**: Easy to add onto when needed.
- **Efficiency**: Systems make good use of limited space and are cost-effective.

Choose from standard designs or custom engineering. Standard designs offer the best value and shortest lead times.

**Applications**

- Lumber
- Plywood sheets
- Pipes and tubes
- Sheet metal
- Steel bars
- Conduit
- Cable spools
- Wooden crates
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 Technology’s conservative approach to structural rack design, mean you can be confident that your people and products are safe and secure. All rack arms and columns 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, our racks better resist damage from material handling equipment and provide larger load capacity within a given space.

1. Structural I-beam construction
2. Adjustable, bolted shelf beams accommodate changing storage needs
3. Arms adjust in 4-inch increments
4. Arms slope at a 2-degree standard or 4-degree heavy up-tilt
5. Arms and bases attach to columns using A325 structural bolts or GR 5 plated structural hardware
6. Structural bolt-together brace systems offer lateral rigidity

**Additional Features**

- 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 per individual arm up to 20,000 pounds per individual arm and higher
Optional Features

- Welded construction
- Arm adjustment in 3-inch increments
- Single- and double-sided systems
- Narrow-aisle configurations with guardrails for side-load forklifts
- Stop bars with sockets for bases
- Stop bars with sockets for arms - with and without chains, welded or bolted
- Welded or bolted arm stops - 2-inch and 4-inch available
- Vinyl arm caps

Powder Coat Color Options

<table>
<thead>
<tr>
<th>Standard Finish</th>
<th>Optional Finish</th>
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<tbody>
<tr>
<td>Traffic Yellow RAL 1023</td>
<td>Factory-applied powder-coated finish</td>
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<tr>
<td>Traffic Orange RAL 2009</td>
<td>Hot-dip galvanized coating</td>
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<td>Signal Red RAL 3001</td>
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<td>Cobalt Blue RAL 5013</td>
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<td>Terra Brown RAL 8028</td>
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<tr>
<td>Jet Black RAL 9005</td>
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<tr>
<td>Light Gray RAL 9005</td>
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</tbody>
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Low-Boy Style Arm
Optional Features

High-Boy Style Arm

Double-Sided

Single-Sided
Optional Features

Stop Bar with Socket – Rack Arm

Arm Stop

Stop Bar with Socket – Rack Base
Installation Considerations
Columns and arms are bundled to make installation simple and shipping cost-effective. Detailed installation manuals are provided for your installation crew.

Availability & Cost
Ross offers both standard and custom engineered rack designs for a wide range of weight and capacity requirements. Standard designs offer the best value and shortest 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

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
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