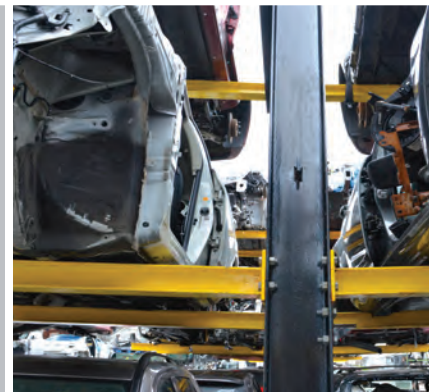
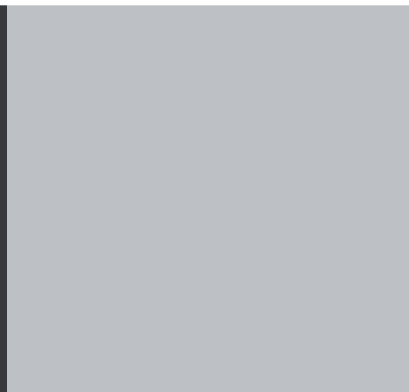


Dexco[®] Structural I-Beam Salvage Yard Racks

Space optimizing, convenient storage solutions
for automobiles and recycled materials



Having the ability to store and access inventory efficiently can be a significant factor in profitability for salvage yards and recycling centers. Ross can help by designing and manufacturing a cost-effective rack system capable of storing more stock in less space, while providing increased organization and inventory control. And like all of our rack solutions, Dexco Salvage Yard Racks are built only with structural steel components for superior quality, strength and durability.



Dexco® Structural I-Beam Salvage Yard Racks

Design Overview

Dexco Salvage Yard Racks provide vertical storage capacity on high-strength arms designed to accommodate recycled automobiles and scrap metal materials on single- or double-sided columns. A horizontal base helps stabilize the structure and supports the bottom load. Cars can be stored up to four levels high, yielding four times the storage capacity in the same available space. This type of storage system offers many advantages including:

- **Increased profits:** Expanding storage capacity leads to more sales opportunities
- **Efficient, organized storage:** Vehicles of all makes, models and sizes can be easily stored and located
- **Easy access:** Wide, open rows allow easy loading and unloading by forklift trucks
- **Lowering operating costs:** Parts can be retrieved faster, requiring less time and labor
- **Reduced damage and theft:** Because cars are stored at higher levels, there is less chance for parts to be damaged or stolen
- **Increased safety:** Workers retrieve parts easily and safely, so there is less risk of injury

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



Applications

- Salvage yard inventory at salvage centers
- Auto parts recyclers



Standard Features

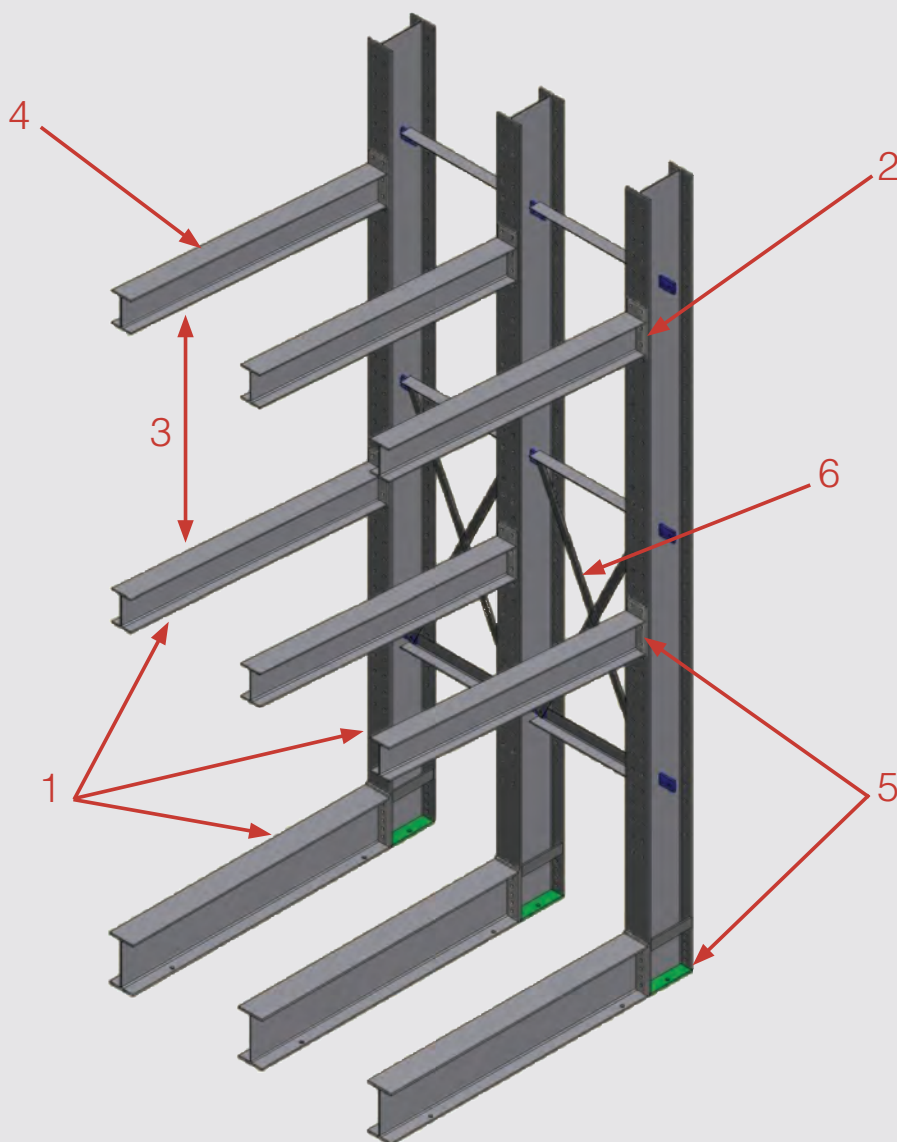
Dexco Rack Systems are engineered using American Institute of Steel Construction (AISC) standards, which were developed to guide the design of large steel structures such as bridges and buildings. The stringent nature of these standards, coupled with Ross's conservative approach to structural rack design, mean you can be confident that your people and products are safe and secure. All 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. Dexco Salvage Racks can also be hot-dip galvanized. The end result is a racking system that better resists damage from the weather and your material handling equipment while providing larger load capacities 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

- Custom design for higher capacities than standard systems
- Arm adjustment in 3-inch increments
- Welded construction
- Single- and double-sided systems

Standard Finish

- Factory-applied powder-coated finish

Optional Finish

- Hot-dip galvanized coating

Powder Coat Color Options

Traffic Yellow
RAL 1023



Traffic Orange
RAL 2009



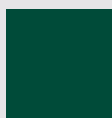
Signal Red
RAL 3001



Cobalt Blue
RAL 5013



Moss Green
RAL 6005



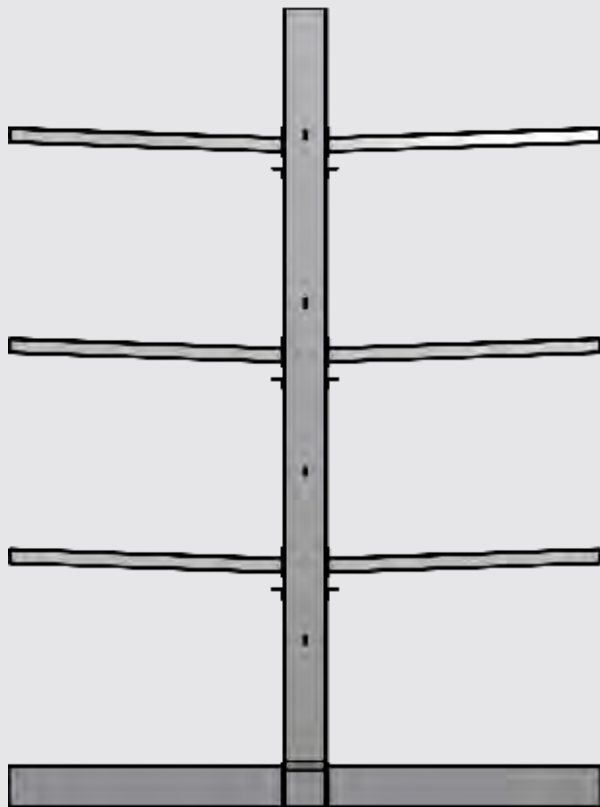
Terra Brown
RAL 8028



Ross Gray

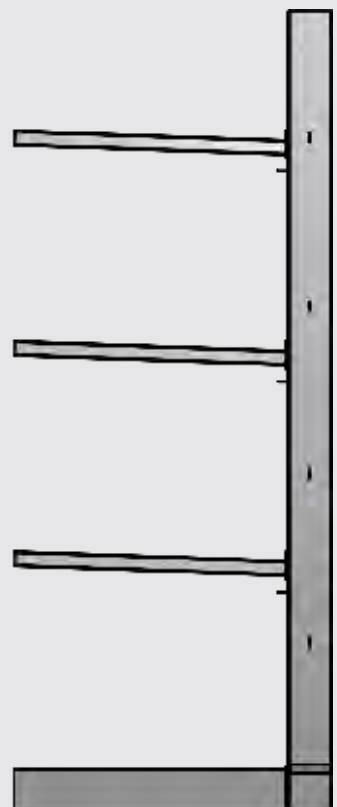


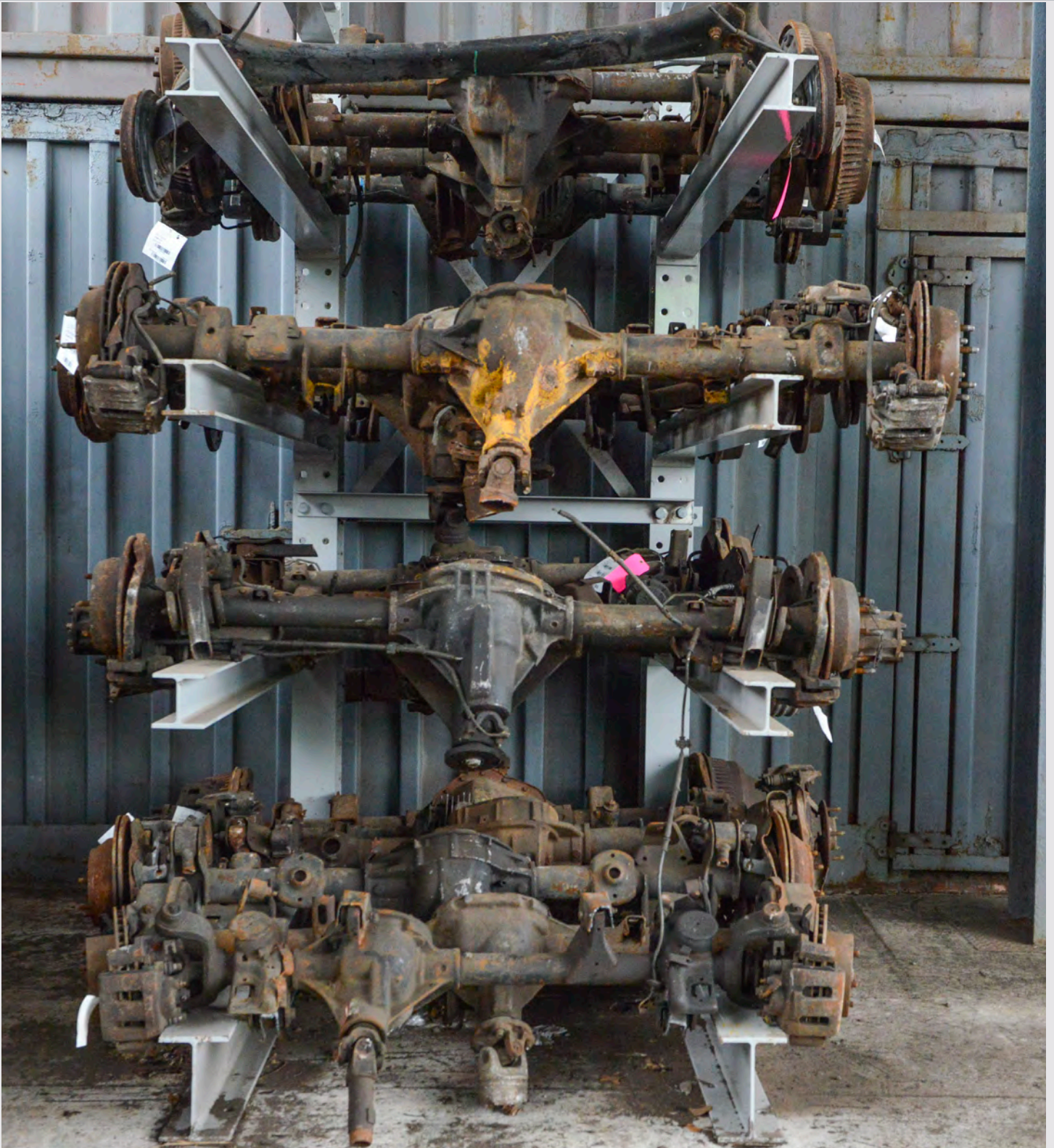
Optional Features



Single-sided

Double-sided





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

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



**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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