

Cantilever Racking

Store Any Size, Any Shape



Cantilever Racking



Applications

Cantilever Racking for Metal Tube & Piping Storage - 4

Very Narrow Aisle (VNA) Cantilever Racking - 5

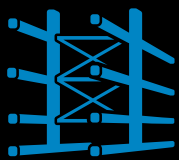
Cantilever Roofs for Four-Season Outdoor Storage - 6

Outdoor Cantilever Racking for Construction Material - 8

Lumberyard Cantilever Racking - 9

Heavy-Duty Outdoor Storage Sheds - 10

QuickShip Cantilever Racking - 11



Cantilever Racking

Store Any Size, Any Shape



Cantilever Racking

Metal Tube & Piping Storage

Versatile and extremely durable, take the headache out of storing long, short or awkwardly-shaped items with a Cogan cantilever rack system.

Designed for outstanding versatility, our cantilever racks use a special arm system that allows

for easy front loading without any obstruction. From tubing and piping to plywood, drywall, and steel sheets, any application that requires extra-wide front loading is an ideal situation for our cantilever racks. Structural steel components provide superior strength and durability, while a painted or optional galvanized finish makes our cantilever racking the perfect candidate for indoor and outdoor use. Arms can be adjusted vertically up to four inches to optimize stacking.

Very Narrow Aisle

Cantilever Racking

Make the most out of your storage or picking area with Cogan very narrow aisle (VNA) cantilever racking.

Designed for use with side loader fork trucks, our VNA cantilever rack system maximizes storage capacity for a highly efficient use of floorspace. The narrow design means Cogan VNA cantilever racking uses as little as half the normal aisle width of standard racking solutions. Your storage capacity doubles and wasted space is eliminated. This is ideal for high-density storage areas or where there is a need for expansion within an existing facility.



Guard against snow, ice, rain and sun damage. Create a four-season covered covered storage unit with Cogan cantilever L-Sheds and T-Sheds.

Ideal for protecting stored materials from harsh weather conditions, the angled roof design allows

rain to flow down easily and shields against snow, ice and sun damage. Structural steel components and heavy-duty treated wood joists provide superior strength and durability. An optional galvanized finish is also available for extra wear-resistance. In order to account for local weather variances, Cogan cantilever roofs are always custom-manufactured for your specific system. Available in single (L-shed) and double-sided (T-shed) configurations.

Cantilever Roofs

Four-Season Outdoor Storage





Cogan products are built to last
Our promise is for life



Construction

Cantilever Racking

Rugged and resilient, Cogan cantilever racking is built strong to handle your toughest construction jobs.

Wind, rain, snow and ice are no match for Cogan cantilever racking. Built for outstanding durability, structural steel components ensure your racking system will remain stable and secure under all types of harsh weather and site conditions. Ideal for outdoor construction storage, the barrier-free design allows for the easy storage of woods beams, plywood, and any type of building material. Items are clearly sorted and kept off the ground for fast access and inventory control.



Lumberyard

Cantilever Racking

No matter your yard plan, Cogan cantilever racks are the most efficient way to store lumber, sawn wood, and engineered wood products.

The absence of obstructions at the pick face allow our cantilever racks to manage high-density

loads of varying length and cubic proportions. Wood planks, beams, posts, poles, or joists, the robust structural components can easily support a multitude of bulk storage items. A painted or durable galvanized finish makes Cogan cantilever racks ideal for indoor or outdoor use. Add a custom roof system to create a fully sheltered L-shed or T-shed. Protection from the elements means your material will not warp or deteriorate from harsh weather conditions.

Storage Sheds

Outdoor Cantilever Racking

Enclosed on three sides, our outdoor cantilever storage sheds provide heavy-duty protection from the elements.

When serious outdoor protection is required, Cogan heavy-duty cantilever storage sheds provide the no-nonsense shelter you need. Fully-enclosed on three sides, the corrugated steel sheets and treated wood joists are strong, resilient and weather-resistant. Secure your material against snow loads, wind, rain and ice. Ideal for outdoor lumber or steel storage. Cogan heavy-duty cantilever storage sheds can be added to new or existing cantilever racking.





QuickShip

**In Stock. Ready To Ship.
or Accelerated Delivery.**

Cogan QuickShip is all about you – your needs, your budget, your timeline. No waiting. No delays. Cogan QuickShip is on time, all the time.



SPECIFICATIONS

Ideal for storing short, long or awkwardly-shaped items, our cantilever racking is easy to install and space efficient, optimizing the productivity and profitability of your work environment.

Features a special arm system designed for easy front loading without obstruction. Structural steel components guarantee superior strength. All connections use high-strength structural grade bolts. Punched holes run the full height of each column for excellent adaptability and versatility
2-3 weeks delivery

FINISH

Column Tower & Base

Cogan grey
Industrial highly adhesive
fast dry alkyd enamel



Arms & Bracing
Powder-coated
Cogan grey



Columns

Item Description

A. Columns

Single-Sided Type 1 Column 12'H + 4'D Base w/ 8,000 lbs max load capacity (W12 x 16 column and base)
Single-Sided Type 1 Column 16'H + 4'D Base w/ 8,000 lbs max load capacity (W12 x 16 column and base)
Double-Sided Type 1 Column 12'H + 4'D Base w/ 16,000 lbs max load capacity (W12 x 16 column and base)
Double-Sided Type 1 Column 16'H + 4'D Base w/ 16,000 lbs max load capacity (W12 x 16 column and base)

Item

QS-SST1C12
QS-SST1C16
QS-DST1C12
QS-DST1C16

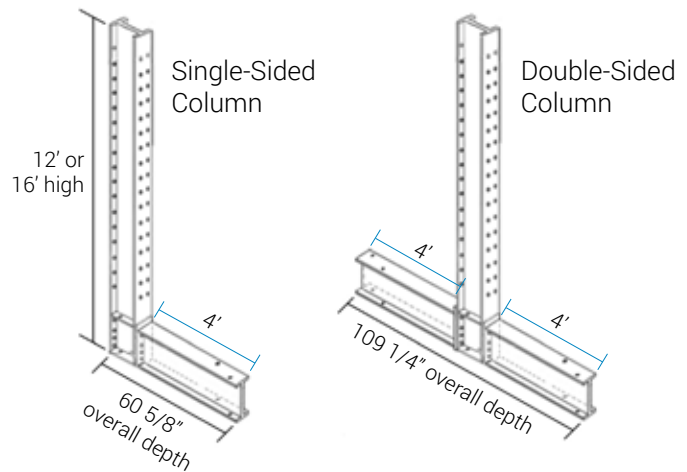
MAXIMUM COLUMN CAPACITY

Single-Sided Columns

12' High = 8,000 lbs 16' High = 8,000 lbs

Double-Sided Columns

12' High = 16,000 lbs 16' High = 16,000 lbs
(8,000 lbs per side) (8,000 lbs per side)



Arms

Item Description

Type 1 Arm 48"L w/ 2,000 lbs max load capacity (4"HD Structural I-Beam Profile w/ 1.5° incline)

Removable Arm Stopper (sold individually)

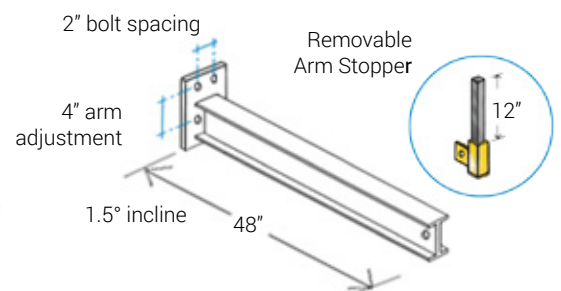
Item

QS-4T1A4HD

QS-RAS12

ARM CAPACITY

Arms have a maximum capacity of 2,000 lbs per arm.



Anchoring

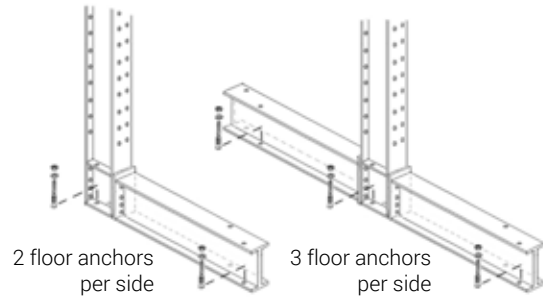
Item Description

Floor Anchor Bolts 5/8" x 6" (sold individually)

Item

QS-FAB5/86

Single-sided columns require 4 floor anchor bolts per column.
Double-sided columns require 6 floor anchor bolts per column.



Bracing Configuration (Layout Example)

Item Description

Cross-Brace Type 1 for columns 48" C/C

Horizontal Brace Type 1 for columns 48" C/C

Cross-Brace Type 1 for columns 60" C/C

Horizontal Brace Type 1 for columns 60" C/C

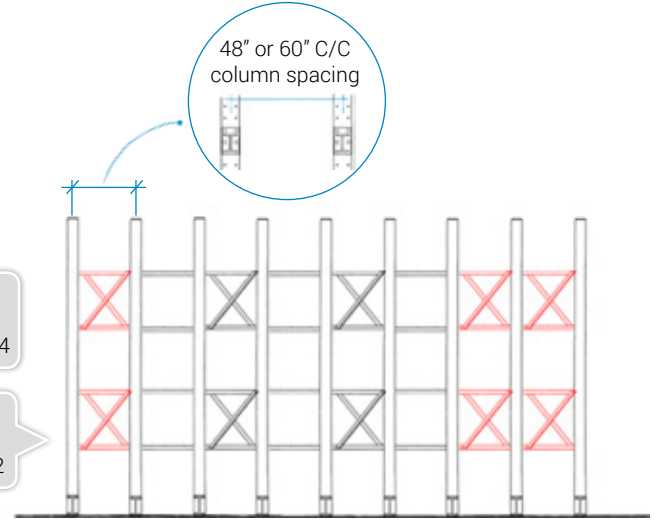
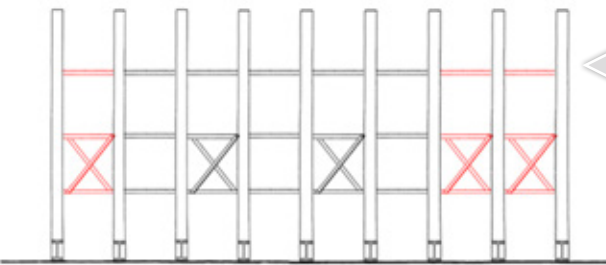
Item

QS-CBT148

QS-HBT148

QS-CBT160

QS-HBT160



Bracing Instructions for 12'H Columns

When bracing a 12'H run, the first and last bay must ALWAYS be secured with a cross-brace + horizontal brace. For all inside bays, alternate between a triple horizontal brace and a cross-brace + horizontal brace.

Important: Even if the second-to-last bay is secured with a cross-brace + horizontal brace, the last bay must still be secured with the same.

Bracing Instructions for 16'H Columns

When bracing a 16'H run, the first and last bay must ALWAYS be secured with a double cross-brace configuration. For all inside bays, alternate between a quadruple horizontal brace and a double cross-brace.

Important: Even if the second-to-last bay is secured with a double cross-brace, the last bay must still be secured with the same.

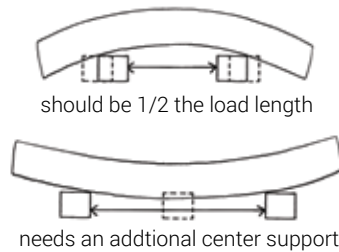
How to Load Racking

DEFLECTION

The spacing and quantity of arms has to be chosen to prevent deflection.

Determine the quantity and required arm spacing by using wood block to simulate the arms.

If you notice a deflection with 2 supports, try adding more support until the deflection is eliminated.



ARM LENGTH

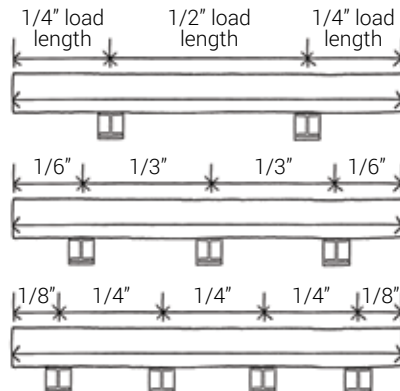
The depth of the material being stored must never exceed to full length of the arm.

The load must always be evenly distributed from the front to the back of the arm. If this rule is not respected, arm capacities will be reduced.

LOAD LENGTH

The load length must be divided equally according to the formulas shown here.

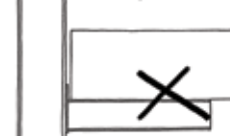
Important: The load should overhang the end arms by no more than half the column spacing. This ensures even weight distribution.



Correct arm length



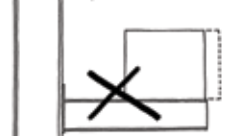
Incorrect arm length if load exceeds



Centered or evenly distributed



Tip load or exceeding load (if tip load reduce tower and arm capacity by 2)



Standard Colors

Standard colors are applied to all products and are automatically included in the material price on your quote. Unless otherwise specified, all standard paint colors are powder-coated for a durable, long-lasting and maintenance-free paint finish.

Cantilever Racking



Cogan Grey



Premium Colors

Premium colors are available at an additional cost. If you are interested in a premium color, please contact your Cogan Account Manager for pricing and availability.



Steel Blue



Midnight Black



Crisp White



Forest Green



Burnt Orange



Ruby Red



Deep Sea Blue



Sandy Beige



Safety Yellow



Hot-Dipped Galvanized



Cogan Wire & Metal Products Ltd.

Phone (800) 567.2642

Fax (800) 633.3004

info@cogan.com

www.cogan.com

