

CANTILEVER RACK SELECTION GUIDE

The Interlake Mecalux structural cantilever rack units provide versatility for medium to heavy duty storage solution for large, long, or irregular shaped loads.

The weight and size of your product loads are the main characteristics of selecting a cantilever rack system.

Cantilever Rack Selection

Level Height

Level height includes the height of the load + height of the arm (3" – 6") + a recommended clearance of (4" to 6") between the top of the load and the bottom on the next arm level.

Example – Load height = 40" and arm model height is 3" high + 4" to 6" clearance = 47" to 49"

48" level height to be considered (4" increment)

Load Depth

Determines the length of the necessary arm that will be equal or longer than the product stored.

Standard Arm Lengths

24", 36", 48", 60" and 72"

Load Length (Bay Width)

The length, deflection and weight of product are used to determine the number of supporting arms to evenly distribute the weight of the load

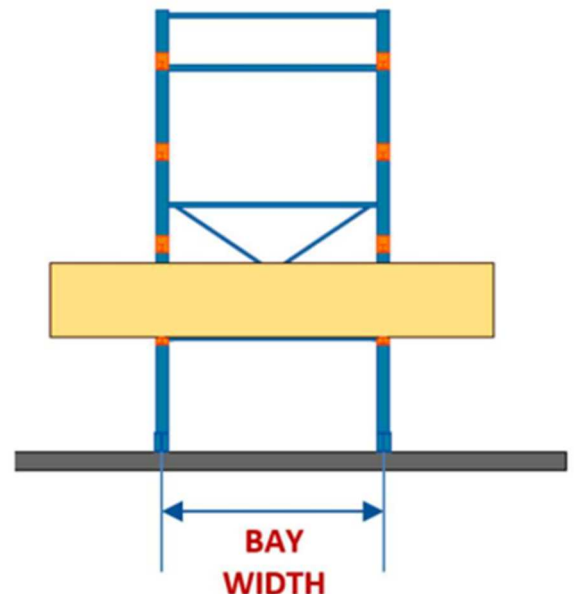
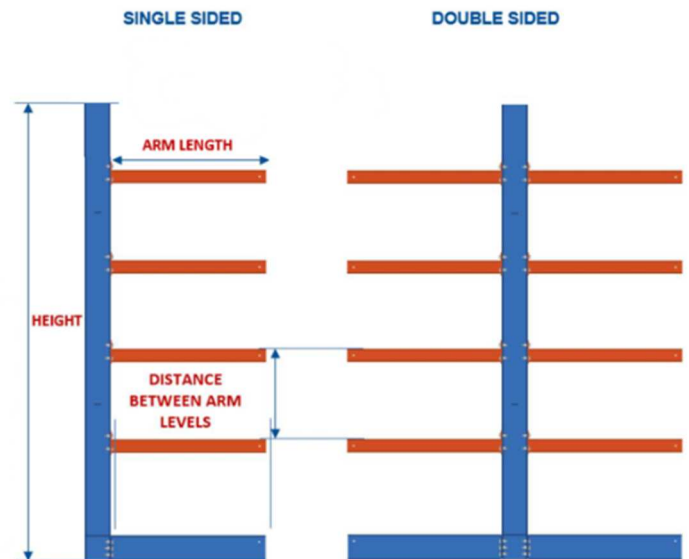
The minimum recommendation is 2 arms to support the load. The load length is divided by 2 and the resulting number will be the bay width to be used.

Bay widths are between 24" and 96" in 6" increments.

Column Height

The height of the column will be equal to the **Level Height** x number of **arm levels** required + base height.

The distance from the top arm to the top of the column should be at least half the load height.



CANTILEVER RACK SELECTION GUIDE

Load Unit Specifications

Length of load

Height of load

Depth of load

Maximum load weight (lbs)

No. of levels required

