



roller//rack



PRE-ENGINEERED
RACK AND TRACK
STRUCTURES
READY TO ROLL

Pick Smarter. Pick Better. Pick UNEX.



UNEX Roller Rack structures provide carton flow for the various storage mediums used in order picking operations. Our Roller Racks are pre-configured, easy to assemble and ready when facilities need them.

Applications

Roller Rack is ideal for distribution, manufacturing and retail operations where carton flow is required and there is no need to store pallets above the rack.

Benefits

- Roller Rack structures are quick and easy to build. The knock-down design reduces freight costs and damage.
- Knuckle track positions improve access and visibility, reduce strain on workers.
- Roller Racks are proven to speed pick rates and free up significant space for additional SKUs.
- Inventory is replenished from the back without interrupting the pick line in front.
- SKU storage is up to 7 times more dense per bay than pallet position storage, which means up to 80% less travel time for pickers.

Features

- Drop-in beam clips for fast installation and adjustability
- Knock-down framework for compact storage and transportation
- Modular design for maximum flexibility to create standalone carton flow units or add units to create bays of carton flow

Specifications

Beams: 14 gauge, 1.5" x 3.5" High, 3000 lbs capacity over uniformly distributed load per pair — 4' and 8'

Uprights: 84" High x 24" or 48" Deep

Carton Flow: Span-Track Lane or Span-Track Bed, Knuckle or Straight

Color: UNEX Blue RAL #5005

SPAN-TRACK CAPACITIES

| | LIGHT DUTY | STANDARD DUTY |
|-----------------------|---|--|
| | 98 Series (2-5/32") Roller - Lane (lbs/linear ft) Wheel - Bed (lbs/sq ft) | 99 Series (2-1/2") Roller - Lane (lbs/linear ft) Wheel - Bed (lbs/sq ft) |
| AVAILABLE WIDTHS: | 6", 9", 12", 15" | 6", 9", 12", 15" |
| UNSUPPORTED SPAN (ft) | | |
| 4 | 35 | 50 |
| 6 | 35 | 50 |
| 8 | 30 | 40 |

Typical configurations



Low Profile Unit

Shown with four levels of Span-Track Lane (.75" Aluminum Roller)



Low Profile Unit

Shown with four levels of Span-Track Bed (1.6" Hex Hub Wheel)

AVAILABLE SIZES

| | |
|--------|-------------|
| WIDTHS | 4' & 8' |
| DEPTHS | 4', 6' & 8' |



Presentation Rack

Shown with four levels of knuckled Span-Track Lane (.75" Aluminum Roller)



Presentation Rack

Shown with four levels of knuckled Span-Track Bed (1.6" Hex Hub Wheel)

How to configure Roller Rack:

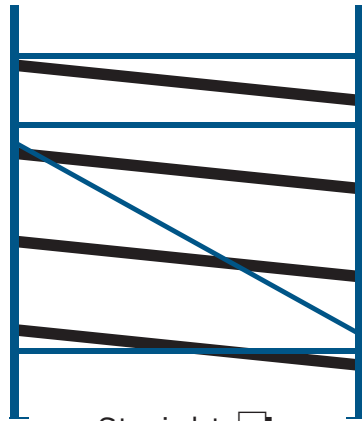
Choose depth of unit: 4' 6' 8'

Choose width of unit: 4' 8'

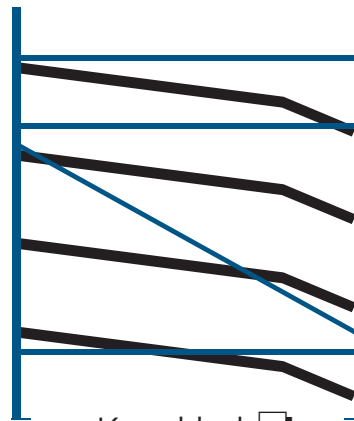
How many bays? _____

How many levels? _____

Choose flow components:



Straight



Knuckled



Span-Track Lane



Span-Track Bed



Optional Infeed Guides for use with Span-Track Bed

If lane, what width track? 6" 9" 12" 15"

Roller Centers? Lane: 1" 2" 3" or Bed: 2" 3"

Roller Center Guide:

Roller Centers refers to the spacing between rollers within the sections. As product increases in length, additional space can be added between rollers/wheels. Having closer roller centers will increase the conveying surface and make the system more flexible.

| MINIMUM CARTON LENGTH | MAXIMUM ROLLER CENTER |
|-----------------------|-----------------------|
| 4" | 1"* |
| 8" | 2" |
| 12" | 3" |

* Lane only

For more specific solutions, please contact the factory.

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