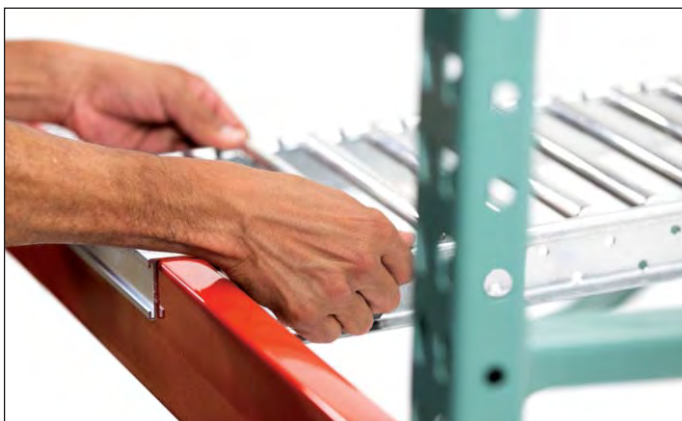




span//track

THE
ORIGINAL
CARTON FLOW
TRACK

Engineered Space Optimization



SpanTrack is UNEX's innovative carton flow solution that drops into existing structures to create a robust flow system for any operation. Our full-width roller lanes and universal wheel beds are engineered-to-order to create the ultimate order picking environment.

Benefits

Versatility

SpanTrack can be added to any new or existing pallet rack. No shelves or intermediate support required.

Superior Flexibility

SpanTrack provides the flexibility to store products with a wide variation in size and weight.

High Capacity, Durability

SpanTrack takes the abuse of active warehouses and assembly plants.

Unrivaled Flow

SpanTrack provides maximum carton support and up to 300% more product contact than plastic wheel rails, resulting in better flow, fewer hang-ups, and increased throughput.

Typical Configurations

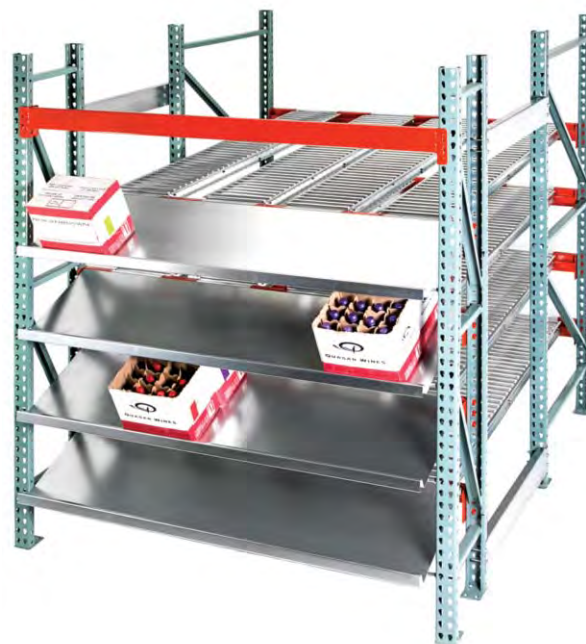
Full Case Picking

Low Profile SpanTrack drops into existing pallet rack, creating FIFO storage lanes that are ideal for full case picking.



Split Case Picking

SpanTrack with adjustable pick trays presents open cases to order pickers so product can be picked from the case without interference from the shelf level above.





SpanTrack Lane and Wheel Bed Shared Features

- Drop-in design for easy installation
- Freezer/cooler rated to below zero
- Light, standard, and heavy duty capacity choices
- Knuckled end treatment for improved ergonomic each picks
- Customizable end treatments that attach easily to any pallet rack setup
- Interior notching saves vertical space
- Available in to-the-inch increments
- 7-year warranty

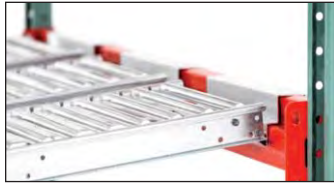


SpanTrack Lane Features

- Provides 300% more product contact than plastic wheel
- Integrated label holder system
- Optimized for product stacking
- The original carton flow track

SpanTrack Wheel Bed Features

- Maximum flexibility left-to-right for reslotting
- Shark fin infed guides ease replenishment
- Hex hub wheel design for optimal flow
- The latest innovation from UNEX



Low Profile (S2)

Nests between beams on hangers for maximum use of vertical space. Used for full case or each pick. Perfect for racks with pallet storage above.



Hangerless (S9)

Adjustable length track sits on the ledge of step beams in the front and rear, keeping the face of the beams clear.



Low Profile Knuckle (KLx)

12", 16", 20", and 24" long 20° angled front end for increased efficiency in each pick applications within the rack structure.



Pushback (S4)

Notched track sits on top of step beams, with stops on front and rear, making it ideal for applications where product is loaded and picked from the front.



High Profile (S0)

Rests on rack beams. Easily adjusts for various contouring options. Can overhang structure to increase storage capacity.

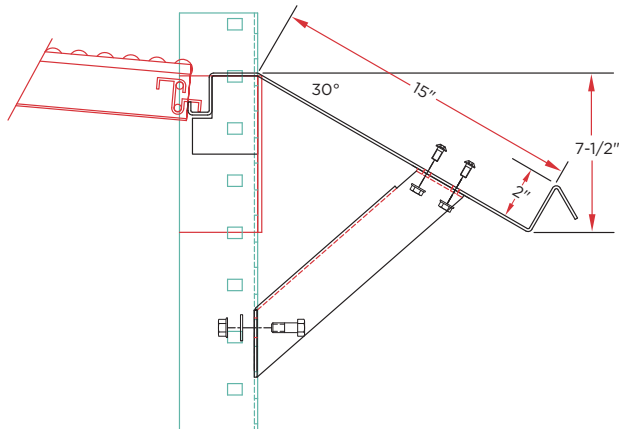


High Profile Knuckle (Kx)

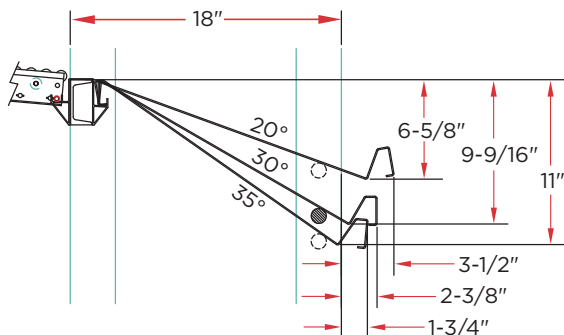
Rests on rack beams. Overhangs structure up to 24" with 20° angled front end for increased efficiency in each pick applications.

Each Pick Options

ADD-ON PICK TRAY: 12", 15" DEPTH / 2" LIP / UP TO 96" WIDE



ADJUSTABLE PICK TRAY: 18", 24" DEPTH / 2" OR 4" LIP

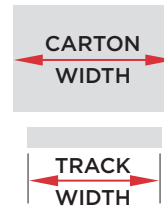


Part Number Example - SpanTrack

SERIES	END STYLE	ROLLER TYPE	TRACK WIDTH	ROLLER CENTERS	LENGTH
98	S2	R or W	6	2	x79

Selecting the Correct Track Width

SpanTrack Lane Width Guide



SpanTrack Lane is available in 6 different widths at varying capacities. Product width will be the primary factor in determining lane width. Product can overhang the lane, up to 3" on either side and maintain flow.

SpanTrack Width	Maximum Carton Width
6"	8"
9"	13-1/2"
12"	18"
15"	22-1/2"
18"	25-1/2"
24"	31-1/2"

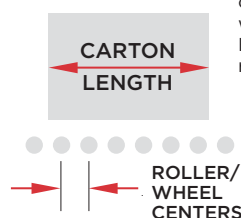
SpanTrack Wheel Bed Width Guide



SpanTrack Wheel Bed Widths are determined by the best track combination that fits within the width of the racking. Example: for a 96" wide bay, you can use (4) 18" wide beds & (2) 12" wide beds. This will create a 96" wide level of carton flow.

SpanTrack Wheel Bed Width	OAW	Series
12"	11.7"	98, 99
18"	17.7"	98, 99
12"	11.75"	100
15"	14.75"	100
18"	17.75"	100
24"	23.75"	100

98/99 Series Roller/Wheel Centers Guide



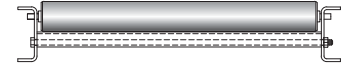
Roller/Wheel Centers refers to the spacing within the section. As product increases in length, additional space can be added between rollers/wheels. *Other factors* like humidity, condition of box, bottom surface of tote, weight of box, and more need to be considered. Having closer centers can increase flow reliability with these *other factors*.

Minimum Carton Length	Maximum Roller Center
4"	1"*
8"	2"
12"	3"

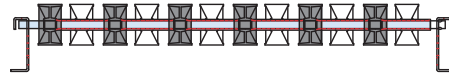
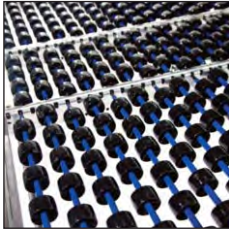
*Lane only



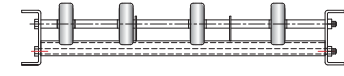
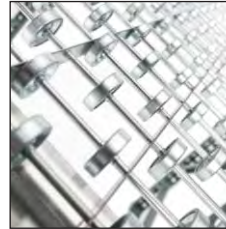
0.75" Roller is available in aluminum (R) and **steel (SR)**.
98 & 99 series



1.38" Roller (JRS) is made of galvanized steel with bearings.
100 series



1.6" Hex Hub (W)
Patent pending low friction wheel bed design
98 & 99 series



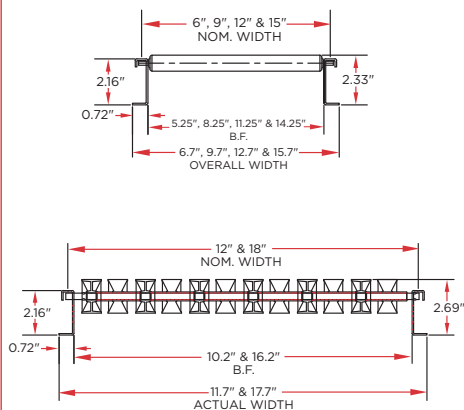
1.9" Skatewheel (SW) is available in steel and each wheel has a bearing.
100 series

SpanTrack Capacities

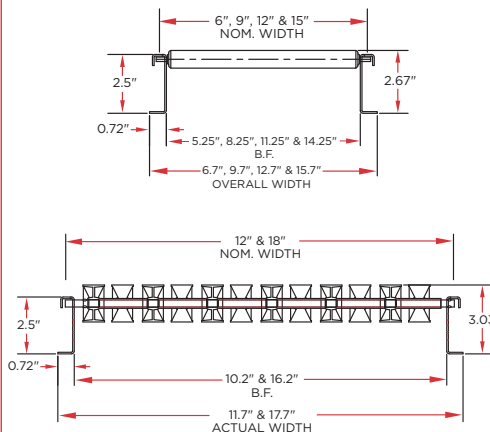
UNSUPPORTED SPAN (in)	LIGHT DUTY	STANDARD DUTY	HEAVY DUTY		
	98 Series (2-5/32") 6", 9", 12", 15", 18"* Roller - Lane (lbs/linear ft) Wheel - Bed (lbs/sq ft)	99 Series (2-1/2") 6", 9", 12", 15", 18"* Roller - Lane (lbs/linear ft) Wheel - Bed (lbs/sq ft)	100 Series (2-1/2") 9", 12", 15", 18", 24" Roller - Lane (lbs/linear ft)	100 Series (2-1/2") 12", 15", 18" Wheel - Bed (lbs/sq ft)	100 Series (2-1/2") 24" Wheel - Bed (lbs/sq ft)
36	35	50	100	100	100
48	35	50	100	100	100
60	35	50	100	100	100
72	35	50	100	100	85
84	35	50	100	100	75
90	35	45	100	100	65
96	30	40	100	80	55
102	25	35	90	70	45
108	20	30	75	55	40
114	15	25	65	50	35
120	10	20	55	40	30
126			50	40	25
132			40	30	20
138			35	25	20
144			30	25	15

*Bed only

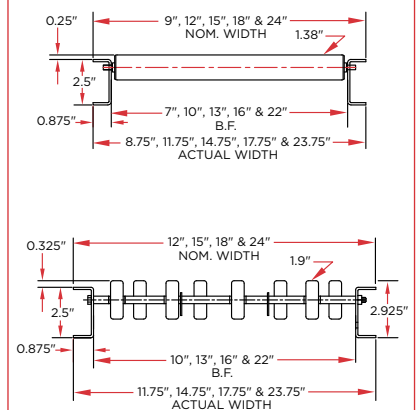
98 SERIES - LD



99 SERIES - SD



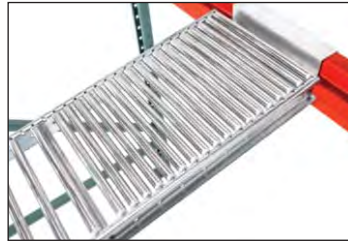
100 SERIES - HD





Impact/Slow Down Plate

Steel impact plates snap over rollers or wheels at **load end** for impact or at **pick end** for friction slow down



Impact Zone

Impact zones have added rollers to the first 12" or 18" of the load end of the track



Raised Pressure Relief Ramp Stop

Relieves line pressure on the first case, creating an easier pick



Slow Down Strips

Narrow strips snap onto rollers for precise flow modulation



Infeed Guides - Lane

Bolts onto the side channel, designating the location of the pick facing



Infeed Guides - Wheel Bed

"Shark fin" design snaps onto axles, guiding product replenishment



Label Holders

Self-adhesive backed extruded plastic label holder



Guard Rail - Lane

Guard rails that bolt onto the side of the track. 4 spacer widths available with in- or out-flange configuration.



Guide Rail - Wheel Bed

Aluminum extrusion, full back-to-front guide securely snaps over wheels to create lanes. Easily installed without tools.



Internal Notch

Accommodates an infinitely adjustable interior support beam to minimize clearance



Rigid Splice

For splicing two square end tracks



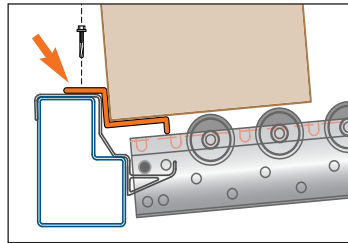
Low Profile Bridge Splice

For splicing two notched end tracks for vertical space savings



Swing Stop

Stop that operator lowers when accessing product



Product Stability Support

Use when product is shorter than recommended or has a very high center of gravity. Stabilizes product at the pick end.



Keg Flow

An innovative solution for high density storage of microbrew kegs
For more information, see the [Keg Flow Literature](#).

The SpanTrack Advantage

- Increased facings
- Full-depth storage
- Safe, ergonomic picks
- Product always up front
- Easy to restock
- FIFO stock rotation

DROP-IN
CARTON FLOW
TO REPLACE
PLASTIC
WHEEL RAILS



Shown with optional package stop



Shown with optional infeed guides



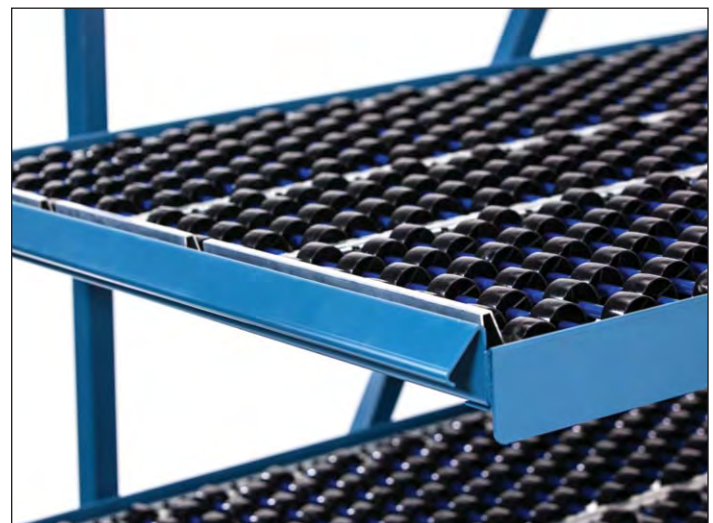
Shelf Track from UNEX replaces unreliable plastic wheel rails with a durable carton flow system that drops easily into existing racks and shelves.

Benefits

- Eliminates hang-ups
- Low maintenance or replacement costs
- Unrivalled flow
- Works with any shelf
- Drop-in design delivers an efficient and accessible pick point for workers

Flow options

- **Roller lanes** provide 300% more surface area compared to plastic wheel rails to reduce imprinting and eliminate product hang-ups
- **Wheel beds** increase flexibility with slotting, providing 90% left to right bay usage



**Shelf Track Lane and Wheel Bed Shared Features**

- Drop-in design for easy installation
- Freezer/cooler rated
- Efficiently handles cartons and totes
- Capacity up to 50 lbs. per foot, depending on shelf capacity
- Available in lengths cut to the quarter inch
- 7-year warranty

Shelf Track Lane Features

- Provides 300% more product contact than plastic wheel rail
- No imprinting or hang-ups
- Optimized for product stacking
- The original full width carton flow track

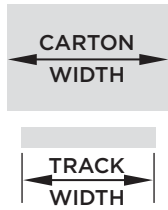
**Shelf Track Wheel Bed Features**

- Maximum flexibility left-to-right for reslotting
- Shark fin infeed guides ease replenishment
- Hex hub wheel design for optimal flow
- The latest innovation from UNEX

Selecting the Correct Track Width

SHELF TRACK LANE WIDTH GUIDE

Shelf Track Lane is available in 4 different widths at varying capacities. Product width will be the primary factor in determining lane width. Product can overhang the lane, up to 3" on either side and maintain flow.



SHELF TRACK WIDTH	MAXIMUM CARTON WIDTH
6"	8"
9"	13-1/2"
12"	18"
15"	22-1/2"

SHELF TRACK BED WIDTH GUIDE

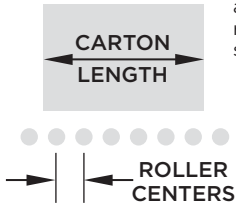
Shelf Track Wheel Bed Widths are determined by the best track combination that fits within the width of the shelf. Example: for a 96" wide shelf, you can use (4) 18" wide beds & (2) 12" wide beds. This will create a 96" wide level of carton flow.



SHELF TRACK BED WIDTH	OAW
12"	11.55"
18"	17.55"

ROLLER CENTER GUIDE

Roller Centers refers to the spacing of distance 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"

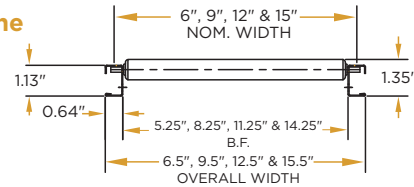
* Lane only

PART NUMBER EXAMPLE - SHELF TRACK

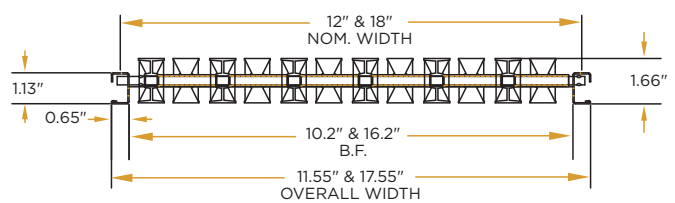
97	S2	R or W	6	2	x79
SERIES	END STYLE	ROLLER TYPE	TRACK WIDTH	ROLLER CENTERS	LENGTH

97 SERIES - SHELF TRACK

roller lane



wheel bed



Available End Styles

Stop (S0)

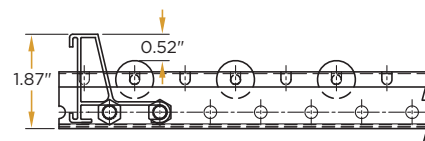
For applications where shelf is not sufficient for product stop. Standard on Shelf Track Wheel Bed.

No Stop (S2)

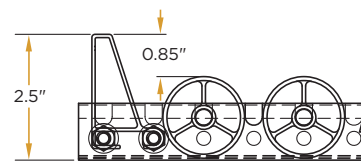
For applications where shelf height is sufficient for product stop.

Adjustable End

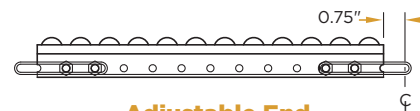
Available for special applications.



Roller Lane with Stop



Wheel Bed with Stop



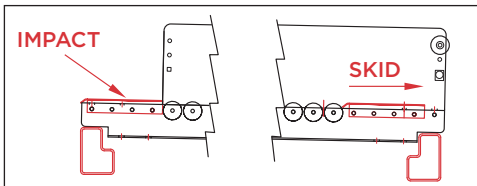
Adjustable End

Keg Flow



AN INNOVATIVE
SOLUTION FOR
HIGH DENSITY
STORAGE OF
MICROBREWS

As the craft beer business continues to grow, distribution centers need a better way to handle beer kegs. UNEX has the solution.



Note: Impact and skid plates on double deep rack only

Keg Flow

Often, distributors will store beer kegs on the floor, which means order pickers have to bend and lift the heavy kegs.

UNEX Keg Flow offers an alternative to palletized storage that consolidates floor space, reduces bending, and improves stock rotation. Travel time and mis-picks for order pickers are reduced. Most importantly, Keg Flow allows distributors to offer a greater number of beer variations in a small space.

Using Keg Flow, distributors can increase their warehouse capacity while improving efficiency and productivity.

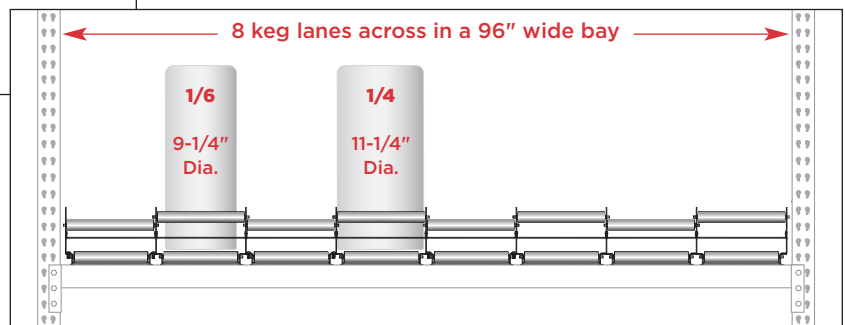
Features:

- Each lane handles both 1/6 and 1/4 slim kegs
- Same track drops into channel or step beams, interchangeable
- 1-3/8" diameter heavy duty steel rollers
- Double deep model FIFO stock rotation
- 7 year warranty
- 11-3/4" wide tracks allow storage of 8 kegs across in a 96" wide bay
- Increases storage density up to 200%
- High roller stop for easy ergonomic keg "roll-out"- also reduces wear on aluminum kegs
- 6" common heavy duty guard rails keep kegs upright
- Available in single and double-deep lanes
- Double deep Keg Flow has impact and slow down skid plates



Keg Flow Load Capacity Chart

Frame Material	Support Centers	Frame Capacity	Roller Capacity
		Maximum uniformly distributed load	Maximum load per roller
Steel	8 ft.	1000 lbs.	45 lbs.
	5 ft.	2100 lbs.	





MODULAR

FLOW-THROUGH

WORK STATIONS

FOR ASSEMBLY

AND LINESIDE

STORAGE

**Accelerate productivity.
Improve ergonomics.
Eliminate waste.
Maximize space.**

FlowCell workstations are modular, dynamic storage units designed specifically for a facility's unique operation. Our durable and flexible storage units support Lean principles by keeping inventory organized and maximizing pick efficiency.



Benefits

- Increases space utilization up to 50% by keeping inventory organized and properly stored
- Boosts production efficiency up to 30% by angling parts toward the worker, creating an efficient and accessible pick point
- Minimizes reaching and improves ergonomics, reducing injury and fatigue
- Accommodates line and process changes with flexible, easy to reconfigure storage
- Ensures FIFO inventory rotation - replenishment from back does not interfere with process in the front
- Keeps the factory floor clear by storing empty totes and boxes in return lanes

Applications

- Lineside storage
- Sub assembly stations
- Supermarket racks
- Modular mobile carts

Features

- Modular design configures to meet the needs of your operation
- Reconfigurable units provide maximum flexibility
- Parts always reachable
- Clean sightlines
- Heavy gauge steel construction
- 7-year warranty
- Assemble in under an hour
- Adjustable levels on 1" centers
- Powder coated finish, FlowCell Blue



Specifications

Vertical Posts:

1.75" square tube with 0.375" dia. holes on 1" centers
3' - 7' lengths in 6" increments
Includes foot plate for caster or floor mount installs

Horizontal Beams:

1.75" square tube
1' - 8' lengths in 6" increments
Used for load and side beams

Carton Flow: SpanTrack Lane, SpanTrack Wheel Bed (all duties)

Accessories

Workbench: Galvanized steel, 12" and 18" deep

Add-On Pick Tray: 30° angle, 12" and 15" deep

Overhead Tool Bar: For tools, lighting, and accessories

Casters: 4" dia., Swivel or rigid (Includes side brake)

Pick Shelves: Galvanized steel, available in tilted and flat, up to 48" deep

Cell Capacity

1000 lbs per level - at 8' wide

3000 lbs total load - with casters

Track capacity up to 100 lbs per ft.



Mobile Unit

Shown with three levels of SpanTrack Wheel Bed (1.6" hex hub wheel) and casters



Stationary Unit

Shown with three levels of SpanTrack Lane (0.75" aluminum roller)



Lineside

Shown with three levels of SpanTrack Lane (0.75" aluminum roller) and casters



Workstation

Shown with three levels of SpanTrack Wheel Bed (1.6" hex hub wheel). Upper levels feature tilted pick tray and lower level features high profile return mounted under a workbench kit. Taller front posts to support overhead tool bar kit.



Presentation Rack

Shown with four levels of SpanTrack Wheel Bed (1.6" hex hub wheel) with internal knuckle treatment on lower levels and straight return lane above



HD Roller/Battery Rack

Shown with three levels of SpanTrack Lane HD (1.38" steel roller) and casters



HD Wheel/Skatewheel

Shown with three levels of SpanTrack Wheel Bed HD (1.9" steel wheel) and casters



Single Lane Layback

Shown with three levels of High Profile SpanTrack Lane (0.75" aluminum roller) and casters



Pick Tray Steel

Shown with five levels of solid galvanized steel pick shelves and casters



Pick Tray Wire

Shown with four levels of galvanized wire pick shelves and casters



Single Lane Cell Flush

Shown with three levels of SpanTrack Wheel Bed (1.6" hex hub wheel) and casters



Single Lane Knuckled

Shown with three levels of High Profile SpanTrack Lane (0.75" aluminum roller) with optional knuckle treatment and casters



- 1 Posts**
Punched 1" o.c. / available in 3' - 7'
- 2 Beams**
Horizontal, front, back and side beams are interchangeable. Available 1' - 8'
- 3 Welded Foot Plate**
4" casters optional (rigid or swivel)
- 4 Carton Flow**
SpanTrack Lane, SpanTrack Wheel Bed. Different track models can be intermixed in a single cell.
- 5 Workbench**
Galvanized steel workbench. Available in 12" or 18" deep.
- 6 Pick Tray**
Presents product to the worker at a 30° angle for easy access. Available in 18" or 24" deep.
- 7 Overhead Tool Bar**
Roll formed strut channel. Attach tools, lighting, and accessories.*

*Tools, lighting, and accessories supplied by others.



Cantilever Beams

Used for handling non-flowable or odd shaped items, available in lengths of 12", 18", and 24" - all with a 15° angle. These can be mounted angled up or down and hold weights 180, 135, and 90 lbs. respectively.



Handle Bars

Horizontal (15" - 48" length) or vertical (6" - 36" length) configurations available. Handle bars make a mobile FlowCell easier to handle and maneuver.

SpanTrack Models - UNEX offers a variety of track styles to suit any capacity or container type.



SpanTrack Lane
(0.75" aluminum roller)



SpanTrack Lane HD
(1.38" steel roller)



SpanTrack Wheel Bed
(1.6" hex hub wheel)



SpanTrack Wheel Bed HD
(1.9" steel wheel)



UNEX MANUFACTURING, INC. | 691 New Hampshire Avenue, Lakewood, NJ 08701
800.334.UNEX (8639) | e-mail: span@unex.com



flow//cell

unex.com



PRE-ENGINEERED
RACK AND TRACK
STRUCTURES
READY TO ROLL

Engineered Space Optimization



UNEX Roller Rack provides carton flow for the various storage mediums used in order picking operations. Our Roller Racks are manufactured with welded uprights and roll-formed crossbeams for a heavy-duty standalone structure. 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
- 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
- Modular design for maximum flexibility to create standalone carton flow units or add units to create bays of carton flow

Specifications

Beams: 14 ga., 1-5/8" x 3-1/2" High, 3000 lbs. capacity over uniformly distributed load per pair — 4' and 8'

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

Carton Flow: SpanTrack Lane or SpanTrack Wheel 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



Low Profile Unit

Shown with four levels of SpanTrack Lane (0.75" aluminum roller)



Low Profile Unit

Shown with four levels of SpanTrack Wheel Bed (1.6" hex hub wheel)

AVAILABLE SIZES	
WIDTHS	4' and 8'
DEPTHS	4', 6', and 8'



Presentation Rack

Shown with four levels of knuckled SpanTrack Lane (0.75" aluminum roller)



Presentation Rack

Shown with four levels of knuckled SpanTrack Wheel Bed (1.6" hex hub wheel)

How to configure Roller Rack:

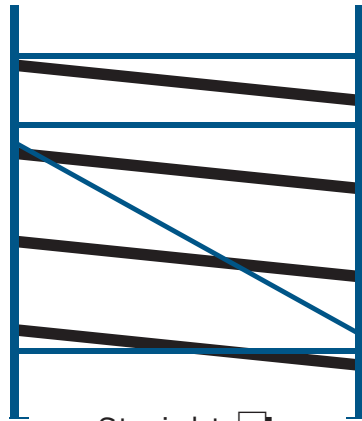
Choose depth of unit: 4' ☐ 6' ☐ 8' ☐

Choose width of unit: 4' ☐ 8' ☐

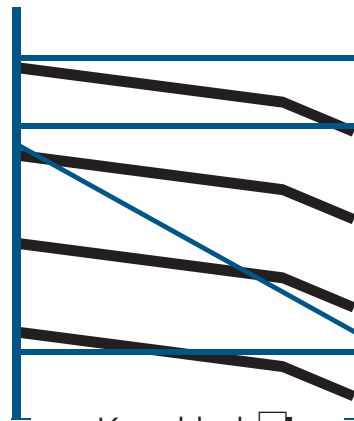
How many bays? _____

How many levels? _____

Choose flow components:



Straight ☐



Knuckled ☐



SpanTrack Lane ☐



SpanTrack Wheel Bed ☐



Optional Infeed Guides for use with SpanTrack Wheel Bed

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

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

Roller Center Guide:

Roller/Wheel Centers refers to the spacing within the section. As product increases in length, additional space can be added between rollers/wheels. *Other factors* like humidity, condition of box, bottom surface of tote, weight of box, and more need to be considered. Having closer centers can increase flow reliability with these *other factors*.

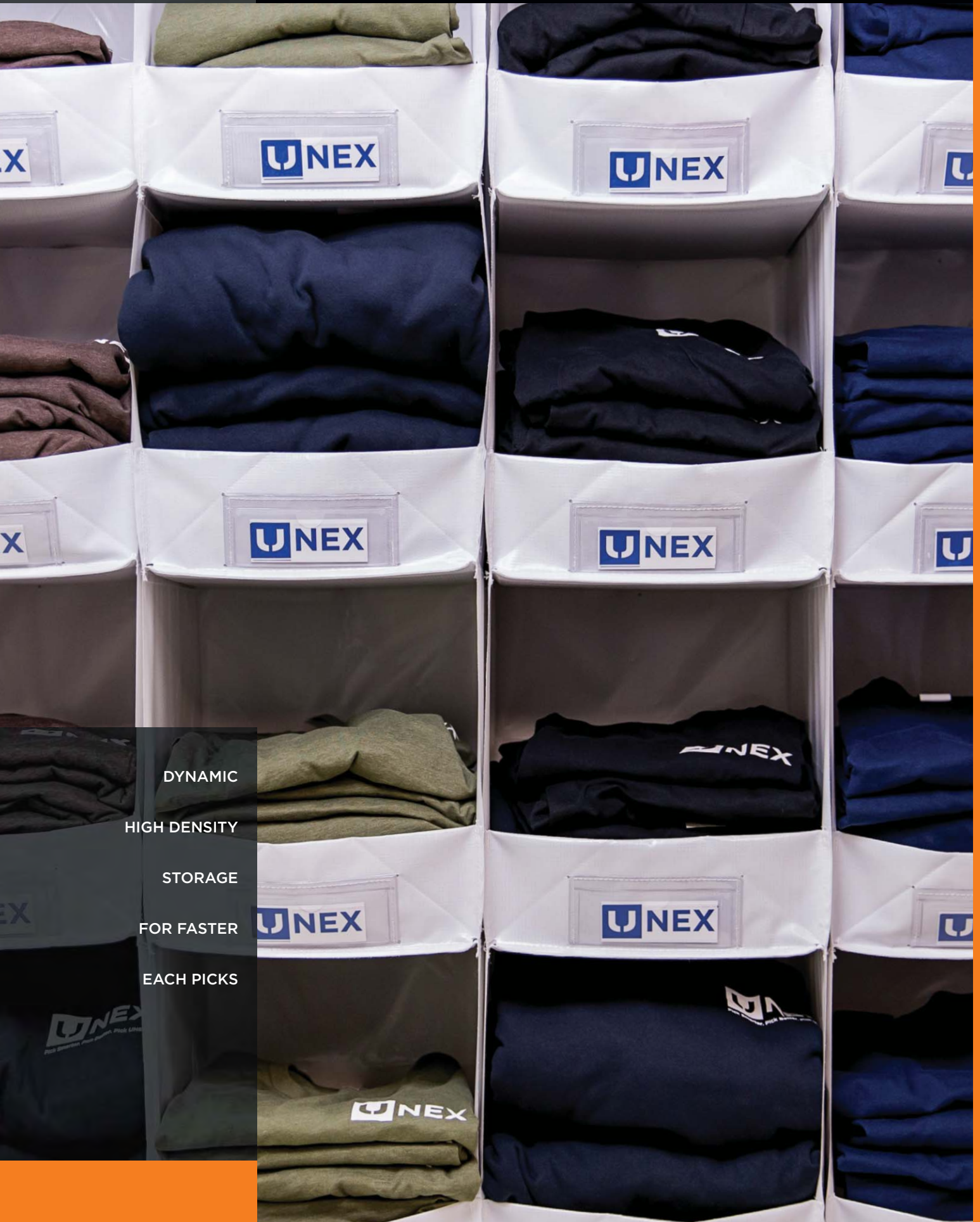
MINIMUM CARTON LENGTH	MAXIMUM ROLLER CENTER
4"	1"*
8"	2"
12"	3"

*Lane only

For more specific solutions, please contact the factory.



speed//cell



DYNAMIC
HIGH DENSITY
STORAGE
FOR FASTER
EACH PICKS

Engineered Space Optimization



Maximize Warehouse Space

Maximize warehouse space, pick orders faster, and increase accuracy with SpeedCell® - a dynamic, high-density storage solution uniquely designed to save time, space, and money by using existing space within standard pallet racking.

SpeedCell can compress 200' of rack or shelving into 40' of highly organized space. More pick facings and greater SKU density equates to less travel time and less seek time while pulling orders and restocking locations.

Columns made of high-strength industrial textiles will not mold or rust and are flame resistant. Columns are suspended from the patented* steel track system, manufactured from pre-galvanized steel that integrates into any type of pallet rack beams.



SpeedCell®

- **Increases storage density by 40-60%**
- **Reduces labor costs up to 40%**
- **Transforms space into useable storage**
- **More SKUs in Less Space = Greater Efficiency**

Each "Cell" has a unique location label holder making it easy to locate your product whether using basic paper picking methodology or advanced WMS/WCS for non-directed and/or directed put away & picking. Columns easily slide side-to-side to gain access to rear columns. Each location is ergonomically designed to reduce the need for deep bending, stretching or step stools.

Features

- Offered in 6 standard column sizes ranging from XS - XXL
- Ergonomically designed
- Operating temperature of -20° to 180°F (-29° to 82°C)
- Resistant to: flame & mold
- Storage Capacity:
Cell: Up to 35 lbs.
Column: Up to 240 lbs.

*PATENT # 8.827.090

High-Density Storage Solutions

SpeedCell is offered in 6 standard sizes and can be purchased with or without racking. Our racks are manufactured with welded uprights and roll-formed crossbeams for a heavy-duty standalone structure. Pre-configured SpeedCell bays are easy to assemble, and ready when facilities need them.

SpeedCell

- Includes: SpeedCell columns in your choice of size and steel set suspension system
- Integrate SpeedCell into your new or existing racking

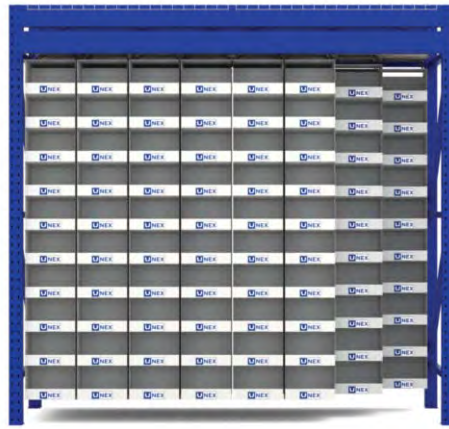
SpeedCell Ready Bay

- Includes: SpeedCell columns in your choice of size, pre-assembled steel set suspension system, UNEX-supplied racking, and wire deck
 - Starter: 2 uprights and 4 beams
 - Add-on: 1 upright and 4 beams



X-Small

Cells: **260** | Columns: **13** | Rows: **3**
(Cells: **130** when divider is collapsed)



Small

Cells: **210** | Columns: **21** | Rows: **3**



Medium

Cells: **126** | Columns: **21** | Rows: **3**



Large

Cells: **65** | Columns: **13** | Rows: **3**



XL

Cells: **45** | Columns: **9** | Rows: **2**



XXL

Cells: **28** | Columns: **7** | Rows: **2**

*SpeedCell Ready Bays pictured. Starter bays include 2 uprights and 4 beams. Add-on bays are available and include 1 upright and 4 beams.

SpeedCell Columns

- Columns are available in 6 different sizes ranging from X-Small to XXL.
- Columns are hung from the suspension system using high-strength webbing for maximum durability.
- SpeedCell material is 13 oz. no-fray vinyl with an interwoven mesh inside to give it superior strength.
- Cell base is supported by 2000gsm corrugated plastic.

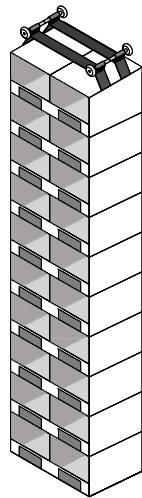
SPEEDCELL COLUMN MATERIAL

WEIGHT	13 oz.
FMVSS 302 FLAME RESIST	PASS
TREATMENT	ANTI-MILDEW
CAPACITY PER COLUMN	240 lbs
CAPACITY PER CELL	35 lbs
LIP HEIGHT	4"
COLOR	FROSTY WHITE



X-Small

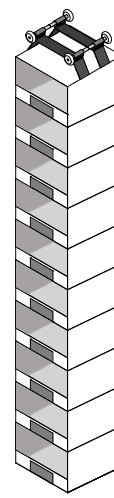
Column:
18"w x 78"h x 12"d



20 Cells:
9"w x 8"h x 12"d

Small

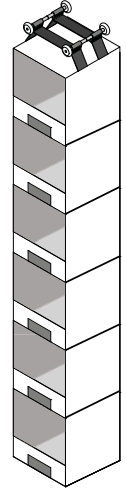
Column:
12"w x 78"h x 12"d



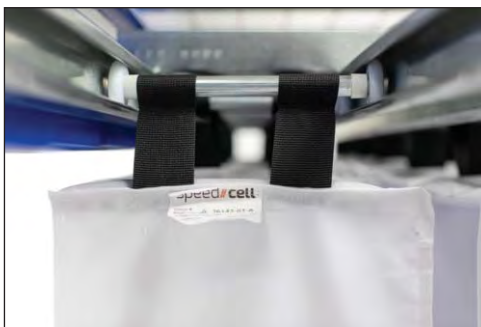
10 Cells:
12"w x 8"h x 12"d

Medium

Column:
12"w x 78"h x 12"d

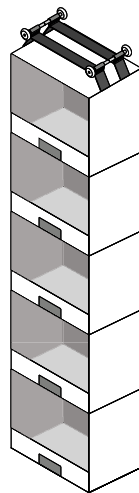


6 Cells:
12"w x 13"h x 12"d



Large

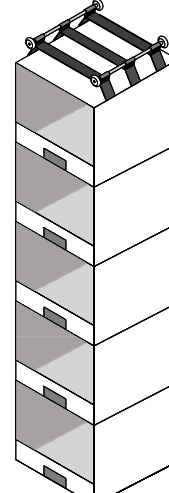
Column:
18"w x 78"h x 12"d



5 Cells:
18"w x 16"h x 12"d

XL

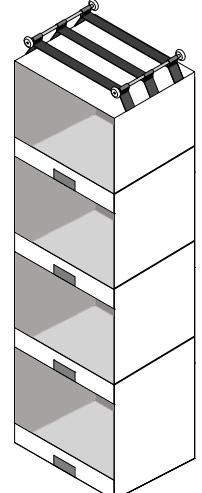
Column:
18"w x 78"h x 19"d



5 Cells:
18"w x 16"h x 19"d

XXL

Column:
24"w x 78"h x 19"d



4 Cells:
24"w x 20"h x 19"d





SpeedCell Steel Set

- Configurable to fit nominal rack depths from 24" - 60" and widths from 48" - 144"
- Suspended within selective rack or wide span rack system
- Fits within any type of beam: box, structural, or step; pick modules and mezzanines
- Wire decking cannot be placed over SpeedCell when structural-style support beams are used

SpeedCell Ready Bay Racking

- Rack size: 96" high x 96" wide x 42" deep
- Drop-in beam clips for fast installation and adjustability
- Modular design for maximum flexibility to create standalone SpeedCell units or add units to create multiple bays of high-density storage
- Racks are manufactured with welded uprights and roll-formed crossbeams



SpeedCell Modifications

Modified standards can be provided to meet the requirements of your particular application.



Open Front | Strap Back | Roof Label



Open Front | Full Back | Roof Label



Stiff Lip | Lip Label

SpeedCell Customizations

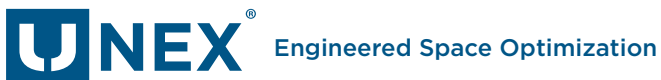
In addition to modifications of standard products, we also have the ability to create completely custom-sized cells and columns. Minimum purchase quantities are required. Contact us for more information.



- 1 Wire Deck**
Increase space utilization with additional storage above your SpeedCell Ready Bay.
- 2 Steel Set**
Pre-galvanized steel integrates into any type of pallet rack beams. Fits nominal rack depths 24" - 60", widths 48" - 144"
- 3 Ready Bay Racking**
Welded uprights, roll-formed crossbeams
- 4 Columns**
Available in 6 standard sizes, XS - XXL. Suspended with high-strength webbing.
- 5 Cells**
13 oz. no-fray vinyl with interwoven mesh
- 6 Label Holder**
Locate SKUs easily with unique location label holders in each cell.

SpeedCartt™

Tap into the power of SpeedCell to mobilize your picking process with a flexible order fulfillment cart. Ideal for restocking, seasonal demands, and more. UNEX SpeedCartt™ comes in a variety of configurations to meet the unique needs of operations across the supply chain.



UNEX MANUFACTURING, INC. | 691 New Hampshire Avenue, Lakewood, NJ 08701
800.334.UNEX (8639) | e-mail: span@unex.com



speed//cell

unex.com



UNEX
MOBILIZE
YOUR
PICKING
UNEX
PROCESS



Mobilize Your Picking Process

SpeedCartt provides a flexible, mobile solution for restocking, order fulfillment, seasonal demands, and more! Constructed from the same lightweight, yet heavy-duty materials as standard SpeedCell storage solutions, our mobile SpeedCartt is designed for years of low-maintenance, demanding warehouse environment use.

SpeedCartt is ideal for high circulation areas. Key benefits include, but are not limited to:

- Increased pick facings
- Reduced travel times
- Increased order accuracy
- Multiple orders can be picked at the same time for maximum efficiency

AVAILABLE SIZES: COLUMNS

HEIGHT	55"
WIDTHS	11 = 10.5"
	14 = 13.5"
DEPTHS	09 = 8.5"
	12 = 11.5"
	18 = 17.5"
	24 = 23.5"

Configurations for single-side or back-to-back loading for greater SKU accessibility are available.

- 4 different Cartt sizes
- 8 different column sizes
- 16 different Cartt combinations

PART NUMBER EXAMPLE - SPEEDCARTT COLUMN

CC	55	11	09	L2	F	W	05
CART COLUMN	55" HEIGHT	10.5" WIDTH	8.5" DEPTH	2.5" LIP	FULL BACK	WHITE*	5 CELLS

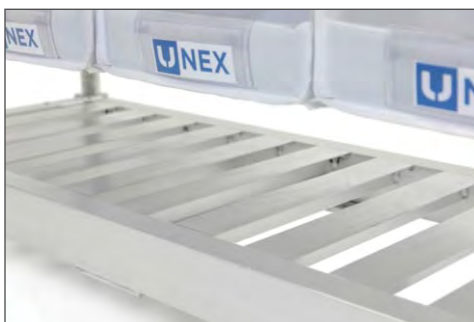
*HFR White CA Certified

AVAILABLE SIZES: CARTT

HEIGHT	75.75"
DEPTHS	18" & 24"
WIDTHS	48" & 60"

PART NUMBER EXAMPLE - SPEEDCARTT

SCRTAL	2460	SS or B2B	40
SPEEDCELL CARTT	24X60	SINGLE SIDE BACK TO BACK	40 CELLS





pick//shelves

ANGLED
SHELVES
FOR AN
ACCESSIBLE
AND PRECISE
PICK

Engineered Space Optimization

UNEX's easy-to-mount and customizable pick shelves offer a simple and effective tool for improving pick rates. Our pick shelves are angled to provide clear visibility and accessibility at the pick point.



Applications

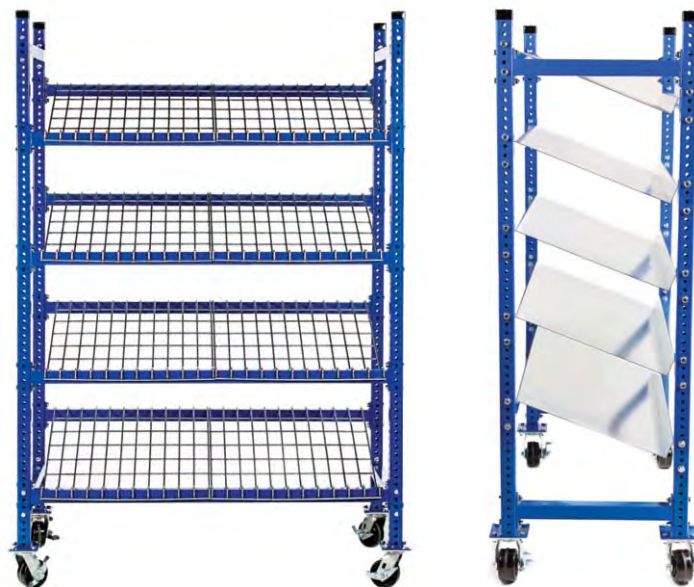
Use in racks, where adjustable shelves and pick trays provide the most durable, flexible and accessible pick points for workers.

Features

- Drops into existing rack
- Any beam style
- Multiple stop height
- 7-year warranty

Specifications

- Depths from 18" – 60"
- Widths from 30" – 120" (multi-panel)
- Galvanized steel construction
- 50 lbs per square foot shelf capacity



Applications

Use on FlowCell workstations from UNEX to give pickers the most precise and efficient pick possible.

Features

- Standalone solutions — portable and stationary options available
- Customizable sizes
- See FlowCell literature for more options (LIT-PROD-002)
- 7-year warranty

Specifications

- Depths from 18" – 60"
- Widths from 18" – 96"
- Galvanized steel construction
- Wire mesh construction in 24" deep sizes
- 3,000 lbs total capacity (FlowCells pictured)
- 50 lbs per square foot shelf capacity



gravity//conveyor

Engineered Space Optimization



gravity//conveyor

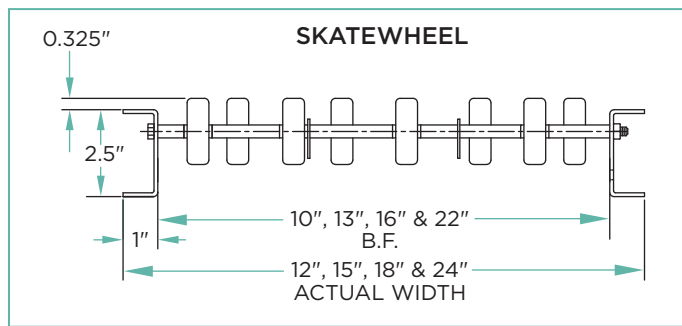
Contents

Skatewheel Conveyor (SW)	2
1.38" Diameter Roller Conveyor (JRS)	4
1.9" Diameter Roller Conveyor (MRS)	6
Spurs	8
Gates	9
Supports	10
Accessories	11
Ball Transfer Tables	12



Skatewheel Gravity Conveyor is ideally suited to convey lightweight packages and where operations require portable or temporary conveyor lines such as warehousing or shipping areas.

- 4 Widths
- Axles on 3" Centers
- Steel or Aluminum Frames & Wheels
- Wheels Set High (for wheels set low, add angle guard rail)



Skatewheel (SW)

Straight Sections

Specifications

Width: 12", 15", 18", and 24" OAW

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel or 0.112" extruded aluminum channel with bolt in cross braces

Couplings: Hooks one end, studs on opposite end.

NOTE: Steel conveyor available without couplings for permanent installations - Add "SE" suffix to conveyor part number for square cut side channels.

Lengths: 10 ft. and 5 ft. straight sections.

Special lengths available.

Wheels: 1-15/16" dia. with ball bearings in hardened raceway. Zinc plated steel or corrosion resistant aluminum.

Axles: 1/4" dia. steel, threaded one end with locknut, spaced on 3" centers. Spacers are zinc plated steel.

Capacity: See Load Capacity Chart.

MODEL NUMBER EXAMPLE - SKATEWHEEL STRAIGHT

12	SW	G or A	S or A	10	x10
OVERALL CONVEYOR WIDTH	CONVEYOR SERIES	G = GALVANIZED STEEL FRAME A = ALUMINUM FRAME	S = STEEL WHEEL A = ALUMINUM WHEEL	WHEELS PER FOOT	CONVEYOR LENGTH

LOAD CAPACITY CHART - SKATEWHEEL

FRAME MATERIAL	SUPPORT CENTERS	FRAME CAPACITY*	WHEEL CAPACITY
STEEL	10 FT	600 LBS	50 LBS
	5 FT	2100 LBS	
ALUMINUM	10 FT	300 LBS	25 LBS
	5 FT	1400 LBS	

*MAXIMUM UNIFORMLY DISTRIBUTED LOAD OVER 10 FT.

STEEL FRAME/STEEL WHEEL

12" OVERALL WIDTH				15" OVERALL WIDTH				18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT
12SWGS10	10	59	30	15SWGS10	10	66	33	18SWGS14	14	76	38	24SWGS16	16	91	46
12SWGS12	12	62	31	15SWGS12	12	69	35	18SWGS16	16	81	40	24SWGS20	20	95	48
12SWGS16	16	68	34	15SWGS16	16	75	38	18SWGS18	18	85	41	24SWGS24	24	101	50

ALUMINUM FRAME/STEEL WHEEL

12" OVERALL WIDTH				15" OVERALL WIDTH				18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT
12SWAS10	10	43	22	15SWAS10	10	50	25	18SWAS14	14	59	30	24SWAS16	16	74	37
12SWAS12	12	46	23	15SWAS12	12	52	26	18SWAS16	16	64	32	24SWAS20	20	78	39
12SWAS16	16	52	26	15SWAS16	16	58	29	18SWAS18	18	68	33	24SWAS24	24	84	42

ALUMINUM FRAME/ALUMINUM WHEEL

12" OVERALL WIDTH				15" OVERALL WIDTH				18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	WHEELS PER FT	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT
12SWAA10	10	38	19	15SWAA10	10	45	23	18SWAA14	14	53	27	24SWAA16	16	66	34
12SWAA12	12	40	20	15SWAA12	12	47	26	18SWAA16	16	57	29	24SWAA20	20	69	35
12SWAA16	16	44	22	15SWAA16	16	51	26	18SWAA18	18	61	29	24SWAA24	24	73	37



Skatewheel Curves are compatible with straight sections, allowing flexibility on conveyor lines. They maintain package orientation due to the differential action of the individual wheels.

- 4 Widths
- Steel or Aluminum Frames & Wheels
- Gravity Hooks & Studs Both Ends
- 45° and 90° Curves
- 36" Inside Radius

OUTSIDE RADIUS	
Overall Width	Outside Radius
12"	48"
15"	51"
18"	54"
24"	60"

Curved Sections

Specifications

Width: 12", 15", 18", and 24" OAW

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel or 0.112" extruded aluminum channel with bolt in cross braces.

Couplings: Hooks and studs on both ends of curve.

Axes: 1/4" dia. steel, threaded one end with locknut, spaced on 3" centers. Spacers are zinc plated steel.

Capacity: Same per foot capacity as straight sections.

MODEL NUMBER EXAMPLE - SKATEWHEEL CURVED						
12	36	SW	G or A	S or A	12	90
OVERALL CONVEYOR WIDTH	INSIDE RADIUS	CONVEYOR SERIES	G = GALVANIZED STEEL FRAME A = ALUMINUM FRAME	S = STEEL WHEEL A = ALUMINUM WHEEL	WHEELS PER FOOT	DEGREE OF CURVE

STEEL FRAME/STEEL WHEEL							
12" OVERALL WIDTH				15" OVERALL WIDTH			
MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)	MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)
1236SWGS1290	90	12	44	1536SWGS1290	90	12	46
1236SWGS1245	45	12	24	1536SWGS1245	45	12	25
18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)	MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)
1836SWGS1890	90	18	56	2436SWGS2490	90	24	70
1836SWGS1845	45	18	29	2436SWGS2445	45	24	36

ALUMINUM FRAME/STEEL WHEEL							
12" OVERALL WIDTH				15" OVERALL WIDTH			
MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)	MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)
1236SWAS1290	90	12	33	1536SWAS1290	90	12	36
1236SWAS1245	45	12	18	1536SWAS1245	45	12	19
18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)	MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)
1836SWAS1890	90	18	45	2436SWAS2490	90	24	58
1836SWAS1845	45	18	24	2436SWAS2445	45	24	31

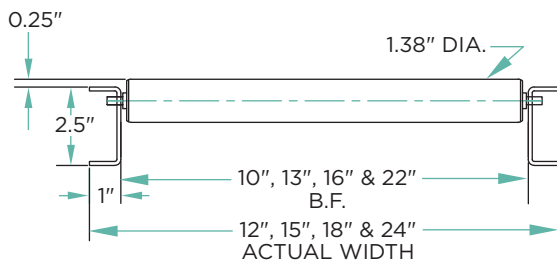
ALUMINUM FRAME/ALUMINUM WHEEL							
12" OVERALL WIDTH				15" OVERALL WIDTH			
MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)	MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)
1236SWAA1290	90	12	27	1536SWAA1290	90	12	29
1236SWAA1245	45	12	16	1536SWAA1245	45	12	17
18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)	MODEL #	DEGREE	WHEELS PER FT	WEIGHT (LBS)
1836SWAA1890	90	18	37	2436SWAA2490	90	24	48
1836SWAA1845	45	18	19	2436SWAA2445	45	24	26



UNEX **1.38" Diameter Roller Gravity Conveyor** is ideally suited to convey light weight packages and where operations require portable or temporary conveyor lines such as warehousing or shipping areas.

- 4 Widths
- 4 Roller Centers
- Steel or Aluminum Frames & Rollers
- Rollers Set High (for rollers set low, add angle guard rail)

1.38" DIAMETER ROLLER (JRS)



Straight Sections

Specifications

Width: 12", 15", 18", and 24" OAW

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel or 0.112" extruded aluminum channel with bolt in cross braces

Couplings: Hooks one end, studs on opposite end.

NOTE: Steel conveyor available without couplings for permanent installations - Add "SE" suffix to conveyor part number for square cut side channels.

Lengths: 10 ft. and 5 ft. straight sections.
Special lengths available.

Rollers: 1-3/8" dia. x 18 ga. galvanized steel or .058" heat treated aluminum tubing. Oiled ball bearings both ends.

Axes: 1/4" dia. steel, spring loaded for easy installation or removal, spaced on 1-1/2", 3", 4-1/2", or 6" centers.

Capacity: See Load Capacity Chart.

MODEL NUMBER EXAMPLE - 1.38" DIAMETER ROLLER STRAIGHT

12	JRS	G or A	S or A	1.5	x10
OVERALL CONVEYOR WIDTH	CONVEYOR SERIES	G = GALVANIZED STEEL FRAME A = ALUMINUM FRAME	S = GALVANIZED STEEL ROLLER A = ALUMINUM ROLLER	ROLLER CENTERS	CONVEYOR LENGTH

LOAD CAPACITY CHART - 1.38" DIAMETER ROLLER

FRAME MATERIAL	SUPPORT CENTERS	FRAME CAPACITY*	ROLLER CAPACITY
STEEL	10 FT	550 LBS	45 LBS
	5 FT	2100 LBS	
ALUMINUM	10 FT	275 LBS	30 LBS
	5 FT	1200 LBS	

*MAXIMUM UNIFORMLY DISTRIBUTED LOAD OVER 10 FT.

STEEL FRAME/STEEL ROLLER

12" OVERALL WIDTH				15" OVERALL WIDTH				18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT
12JRSGS1.5	1-1/2"	100	50	15JRSGS1.5	1-1/2"	119	60	18JRSGS1.5	1-1/2"	137	69	24JRSGS1.5	1-1/2"	173	87
12JRSGS30	3"	66	33	15JRSGS30	3"	76	38	18JRSGS30	3"	85	43	24JRSGS30	3"	104	53
12JRSGS4.5	4-1/2"	55	27	15JRSGS4.5	4-1/2"	62	31	18JRSGS4.5	4-1/2"	68	34	24JRSGS4.5	4-1/2"	82	41
12JRSGS60	6"	49	25	15JRSGS60	6"	55	28	18JRSGS60	6"	65	32	24JRSGS60	6"	77	40

ALUMINUM FRAME/ALUMINUM ROLLER

12" OVERALL WIDTH				15" OVERALL WIDTH				18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT
12JRSA1.5	1-1/2"	55	28	15JRSA1.5	1-1/2"	65	33	18JRSA1.5	1-1/2"	74	38	24JRSA1.5	1-1/2"	92	47
12JRSA30	3"	35	18	15JRSA30	3"	40	21	18JRSA30	3"	45	23	24JRSA30	3"	55	29
12JRSA4.5	4-1/2"	29	15	15JRSA4.5	4-1/2"	33	17	18JRSA4.5	4-1/2"	36	18	24JRSA4.5	4-1/2"	43	22
12JRSA60	6"	27	14	15JRSA60	6"	29	16	18JRSA60	6"	33	18	24JRSA60	6"	41	20



1.38" Diameter Roller (JRS) Curves are compatible with straight sections, allowing flexibility on conveyor lines. Optional guard rail may be added for product protection.

- 4 Widths
- Steel or Aluminum Frames & Rollers
- Gravity Hooks & Studs Both Ends
- 45° and 90° Curves
- 36" Inside Radius

OUTSIDE RADIUS	
Overall Width	Outside Radius
12"	48"
15"	51"
18"	54"
24"	60"

Curved Sections

Specifications

Width: 12", 15", 18", and 24" OAW

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel or 0.112" extruded aluminum channel with bolt in cross braces.

Couplings: Hooks and studs on both ends of curve.

Rollers: 1-3/8" dia. x 18 ga. galvanized steel or .058" heat treated aluminum tubing. Oiled ball bearings both ends.

Axles: 1/4" dia. steel spring loaded for easy installation or removal, spaced on 1-1/2" or 3" equivalent centers.

Capacity: Same per foot capacity as straight sections.

MODEL NUMBER EXAMPLE - 1.38" DIAMETER ROLLER CURVED						
12	36	JRS	G or A	S or A	1.5	90
OVERALL CONVEYOR WIDTH	INSIDE CONVEYOR RADIUS	CONVEYOR SERIES	G = GALVANIZED STEEL FRAME A = ALUMINUM FRAME	S = STEEL ROLLER A = ALUMINUM ROLLER	ROLLER CENTERS	DEGREE OF CURVE

STEEL FRAME/STEEL ROLLER							
12" OVERALL WIDTH				15" OVERALL WIDTH			
MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)	MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)
1236JRSGS1.590	90	1-1/2"	67	1536JRSGS1.590	90	1-1/2"	81
1236JRSGS2.12590	90	3"	45	1536JRSGS2.12590	90	3"	53
1236JRSGS1.545	45	1-1/2"	34	1536JRSGS1.545	45	1-1/2"	41
1236JRSGS1.12545	45	3"	24	1536JRSGS2.12545	45	3"	28
18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)	MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)
1836JRSGS1.590	90	1-1/2"	93	2436JRSGS1.590	90	1-1/2"	120
1836JRSGS2.12590	90	3"	60	2436JRSGS2.12590	90	3"	75
1836JRSGS1.545	45	1-1/2"	51	2436JRSGS1.545	45	1-1/2"	60
1836JRSGS2.12545	45	3"	36	2436JRSGS2.12545	45	3"	39

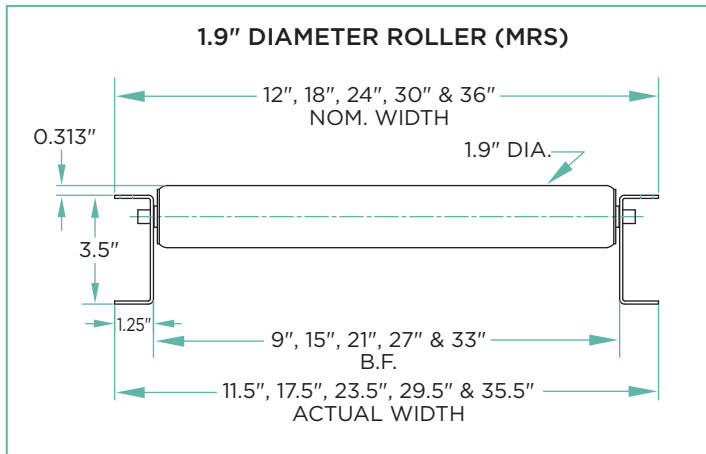
ALUMINUM FRAME/ALUMINUM ROLLER							
12" OVERALL WIDTH				15" OVERALL WIDTH			
MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)	MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)
1236JRSAA1.590	90	1-1/2"	41	1536JRSAA1.590	90	1-1/2"	48
1236JRSAA2.12590	90	3"	28	1536JRSAA2.12590	90	3"	32
1236JRSAA1.545	45	1-1/2"	21	1536JRSAA1.545	45	1-1/2"	24
1236JRSAA2.12545	45	3"	15	1536JRSAA2.12545	45	3"	17
18" OVERALL WIDTH				24" OVERALL WIDTH			
MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)	MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)
1836JRSAA1.590	90	1-1/2"	54	2436JRSAA1.590	90	1-1/2"	66
1836JRSAA2.12590	90	3"	36	2436JRSAA2.12590	90	3"	43
1836JRSAA1.545	45	1-1/2"	27	2436JRSAA1.545	45	1-1/2"	34
1836JRSAA2.12545	45	3"	19	2436JRSAA2.12545	45	3"	23



1.9" Diameter Roller Gravity Conveyor

is used to convey medium weight packages in permanent installations.

- Rollers set high (for rollers set low, add angle guard rail)



LOAD CAPACITY CHART - 1.9" DIAMETER ROLLER		
SUPPORT CENTERS	FRAME CAPACITY*	ROLLER CAPACITY MAXIMUM LOAD PER ROLLER
10 FT	1000 LBS	170 LBS
5 FT	4000 LBS	

*MAXIMUM UNIFORMLY DISTRIBUTED LOAD OVER 10 FT.

Straight Sections

Specifications

Width: 12", 18", 24", 30", and 36" nominal OAW.
Actual OA Width is 1/2" less.

Frame: 3-1/2" deep x 1-1/4" flange x 12 ga. galvanized steel channel with bolt in cross braces

Couplings: Optional bolt-in butt couplers.

Lengths: 10 ft. and 5 ft. straight sections.
Special lengths available.

Rollers: 1.9" dia. x 16 ga. galvanized steel tubing.
Oiled ball bearings both ends.

Axes: 7/16" hex steel, spring loaded for easy installation or removal on 3", 4-1/2", or 6" centers.

Capacity: See Load Capacity Chart.

MODEL NUMBER EXAMPLE - 1.9" DIAMETER ROLLER STRAIGHT

12	MRS	G	4.5	x10
OVERALL CONVEYOR WIDTH	CONVEYOR SERIES	GALVANIZED STEEL FRAME AND ROLLERS	ROLLER CENTERS	CONVEYOR LENGTH

1.9" DIAMETER ROLLER (MRS)					
OVERALL WIDTH (NOMINAL)*	BETWEEN FRAME WIDTH	MODEL #	ROLLER CENTERS	WEIGHT (LBS) 10 FT	WEIGHT (LBS) 5 FT
12"	9"	12MRSG30	3"	114	57
		12MRSG4.5	4-1/2"	92	46
		12MRSG60	6"	80	40
18"	15"	18MRSG30	3"	155	78
		18MRSG4.5	4-1/2"	121	61
		18MRSG60	6"	102	51
24"	21"	24MRSG30	3"	196	98
		24MRSG4.5	4-1/2"	150	75
		24MRSG60	6"	124	62
30"	27"	30MRSG30	3"	237	119
		30MRSG4.5	4-1/2"	179	90
		30MRSG60	6"	146	73
36"	33"	36MRSG30	3"	278	139
		36MRSG4.5	4-1/2"	208	104
		36MRSG60	6"	168	84

*NOTE: Actual width is 1/2" less than nominal.



1.9" Diameter Roller Gravity Conveyor (MRS) Curves

are compatible with straight sections, allowing flexibility to conveyor lines. Optional guard rail may be added for product protection.

- 28-3/4" inside radius

Curved Sections

Specifications

Width: 12", 18", 24", 30", and 36" nominal OAW.
OA width is 1/2" less.

Frame: 3-1/2" deep x 1-1/4" flange x 12 ga. galvanized steel channel with bolt in cross braces.

Couplings: Optional bolt-in butt couplers.

Curves: 90° and 45° with 28-3/4" inside radius.

Rollers: 1.9" diameter x 16 ga. galvanized steel tubing.
Oiled ball bearings both ends.

Axles: 7/16" hex steel, spring loaded for easy installation or removal, spaced on 3" or 6" centers.

Capacity: Same per foot capacity as straight sections.

OUTSIDE RADIUS	
Nominal Overall Width	Outside Radius
12"	40-1/4"
18"	46-1/4"
24"	52-1/4"
30"	58-1/4"
36"	64-1/4"

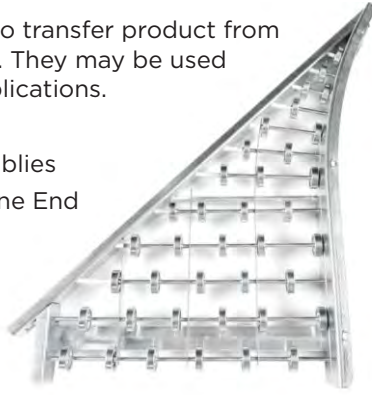
MODEL NUMBER EXAMPLE - 1.9" DIAMETER ROLLER CURVED					
12	30	MRS	G	30	90
NOMINAL OVERALL CONVEYOR WIDTH	INSIDE RADIUS	CONVEYOR SERIES	GALVANIZED STEEL FRAME AND ROLLERS	ROLLER CENTERS	CONVEYOR LENGTH

1.9" DIAMETER ROLLER (MRS) CURVED					
OVERALL WIDTH (NOMINAL)*	BETWEEN FRAME WIDTH	MODEL #	DEGREE	ROLLER CENTERS	WEIGHT (LBS)
12"	9"	1230MRSG3090	90	3"	61
		1230MRSG6090		6"	44
		1230MRSG3045	45	3"	30
		1230MRSG6045		6"	23
18"	15"	1830MRSG3090	90	3"	85
		1830MRSG6090		6"	58
		1830MRSG3045	45	3"	42
		1830MRSG6045		6"	31
24"	21"	2430MRSG3090	90	3"	107
		2430MRSG6090		6"	71
		2430MRSG3045	45	3"	54
		2430MRSG6045		6"	40
30"	27"	3030MRSG3090	90	3"	130
		3030MRSG6090		6"	85
		3030MRSG3045	45	3"	64
		3030MRSG6045		6"	46
36"	33"	3630MRSG3090	90	3"	159
		3630MRSG6090		6"	105
		3630MRSG3045	45	3"	79
		3630MRSG6045		6"	57

*NOTE: Actual width is 1/2" less than nominal.

Skatewheel Spurs are used to transfer product from one conveyor line to another. They may be used for merging or diverging applications.

- 4 Widths
- Right & Left Hand Assemblies
- Gravity Hooks & Studs One End
- 45° and 90° Spurs



Specifications

Width: 12", 15", 18", and 24" OAW

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel with bolt in cross braces.

Couplings: Hooks and studs on one end, nesting channel on opposite end.

Spurs: 90° and 45° with 33" inside radius. Left or Right Hand, specify.

Wheels: 1-15/16" dia. with ball bearings in hardened raceway. Zinc plated steel.

Axes: 1/4" dia. steel, threaded one end with locknut, spaced on 3" equivalent centers. Spacers are zinc plated steel.

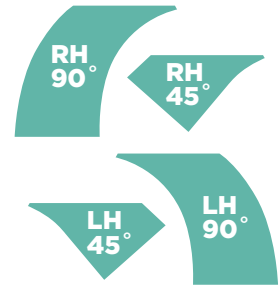
Capacity: Same per foot capacity as straight sections.

MODEL NUMBER EXAMPLE - SKATEWHEEL SPUR

12	33	SW	SP	12	90	R or L
OVERALL CONVEYOR WIDTH	INSIDE RADIUS	CONVEYOR SERIES	SPUR	WHEELS PER FOOT	DEGREE OF SPUR	RIGHT OR LEFT HAND

SKATEWHEEL SPURS

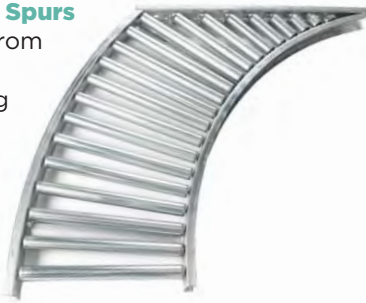
OVERALL WIDTH	90 DEGREE SPUR			45 DEGREE SPUR		
	MODEL#	WHEELS PER FT	WEIGHT (LBS)	MODEL #	WHEELS PER FT	WEIGHT (LBS)
12"	1233SWSP1290 (L or R)	12	30	1233SWSP1245 (L or R)	12	23
15"	1533SWSP1690 (L or R)	16	31	1533SWSP1645 (L or R)	16	24
18"	1833SWSP1890 (L or R)	18	37	1833SWSP1845 (L or R)	18	28
24"	2433SWSP2490 (L or R)	24	42	2433SWSP2445 (L or R)	24	32



1.38" Diameter Gravity Roller Spurs

are used to transfer product from one conveyor line to another. They may be used for merging or diverging applications.

- 4 Widths
- Right & Left Hand Assemblies
- Gravity Hooks & Studs One End
- 45° and 90° Spurs



Specifications

Width: 12", 15", 18", and 24" OAW

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel channel with bolt in cross braces.

Couplings: Hooks and stud on one end, nesting channel on opposite end.

Spurs: 90° and 45° with 36" inside radius. Left or Right Hand, specify.

Rollers: 1-3/8" dia. x 18 gauge galvanized steel tubing. Oil ball bearings both ends.

Axes: 1/4" dia. steel, spring loaded for easy installation or removal, spaced on 3" centers.

Capacity: Same per foot capacity as straight sections.

MODEL NUMBER EXAMPLE - 1.38" DIAMETER ROLLER SPUR

12	36	JRS	P	2.12	90	R or L
OVERALL CONVEYOR WIDTH	INSIDE RADIUS	CONVEYOR SERIES	SPUR	ROLLER CENTERS	DEGREE OF SPUR	RIGHT OR LEFT HAND

1.38" DIAMETER ROLLER SPURS (JRS)

OVERALL WIDTH	90 DEGREE SPUR			45 DEGREE SPUR		
	MODEL#	ROLLER CENTERS	WEIGHT (LBS)	MODEL #	ROLLER CENTERS	WEIGHT (LBS)
12"	1236JRSP2.1290 (L or R)	3"	45	1236JRSP2.1245 (L or R)	3"	30
15"	1536JRSP2.1290 (L or R)	3"	55	1536JRSP2.1245 (L or R)	3"	36
18"	1836JRSP2.1290 (L or R)	3"	66	1836JRSP2.1245 (L or R)	3"	42
24"	2436JRSP2.1290 (L or R)	3"	87	2436JRSP2.1245 (L or R)	3"	54

Gravity Gates are available for SW, JRS, and MRS series conveyor. They provide a means for personnel or equipment to pass through your conveyor line. Gates utilize nitrogen-filled gas springs to assist in lifting.

Lift Assisted Gate

For skatewheel (SW) conveyor & 1.38" dia. roller (JRS)

- 4 Widths - 12", 15", 18", 24" OAW
- 3 ft., 4 ft. or 5 ft. lengths
- Steel or Aluminum frames, skatewheels, and rollers
- 2-1/2" x 1" channel frame - 12 ga. galvanized steel or .112" extruded aluminum

For 1.9" diameter roller (MRS)

- 5 widths - 12", 18", 24", 30", 36" OAW
- 3 ft., 4 ft., or 5 ft. lengths
- Galvanized steel frames and rollers
- 3-1/2" x 1-1/4" x 12 ga. galvanized steel frame

How to select your gate:

1. Select the conveyor line first (JRS, MRS or SW)
2. Then find your gate length (5,4 or 3 feet)
3. Next, find your conveyor roller spacing (1.5, 3, 4.5 or 6 inches) or wheel pattern (for SW)
4. Lastly, find your conveyor width (12-36 inches) and see if you need a 50lbs. kit or a 150lbs. kit.
5. If your gate configuration is not listed, please contact UNEX or your distributor.

JRS					
GATE CONVEYOR LENGTH (ft)	OC (in)	12" WIDE	15" WIDE	18" WIDE	24" WIDE
5	1.5	T3GJSW150			
	3.0				
	4.5				
	6.0				
4	1.5	T3GJSW50			
	3.0				
	4.5				
	6.0				
3	1.5	T3GJSW50			
	3.0				
	4.5				
	6.0				

SW				
GATE CONVEYOR LENGTH (ft)	12 WPF 12" WIDE	12 WPF 15" WIDE	16 WPF 18" WIDE	20 WPF 24" WIDE
5	T3GJSW150			
4	T3GJSW50			
3	T3GJSW50			

MRS						
GATE CONVEYOR LENGTH (ft)	OC (in)	12" WIDE	18" WIDE	24" WIDE	30" WIDE	36" WIDE
5	3.0	T3G12M150	T3G18M150	T3G24M150	T3G30M150	T3G36M150
	4.5					
	6.0					
4	3.0	T3G12M50	T3G18M50	T3G24M50	T3G30M50	T3G36M50
	4.5					
	6.0					
3	3.0	T3G12M50	T3G18M50	T3G24M50	T3G30M50	T3G36M50
	4.5					
	6.0					

NOTES:

1. Infeed section must be a minimum of 12" long and supports must be lagged to floor.
2. Gate part numbers are for hinge assemblies only and do not include conveyor section.



“H” Type Permanent Floor Supports - “CS” Series

For use with skatewheel (SW) or 1.38" dia. roller conveyor (JRS)

- Top bracket adjustable for pitch, boots for leveling with holes for lagging to floor.
- Formed 12 ga. galvanized steel construction.
- Supports shipped knocked down.
- Single leg outboard support for use on outside radius of 90° curves.

Note: Add 2-3/4" to support height for top of conveyor height.

“H” TYPE PERMANENT FLOOR SUPPORTS - “CS” SERIES									
SUPPORT MODEL #	SUPPORT HEIGHT		WEIGHT (LBS) OA CONVEYOR WIDTH						OUTBOARD SUPPORT MODEL #
	MIN	MAX	12"	15"	18"	24"	30"		
CS511	5"	11"	6.4	6.4	6.4	6.4	6.4		SCS511
CS1115	11"	15"	9.7	10	10.3	11	11.6		SCS1115
CS1523	15"	23"	12.1	12.5	12.8	13.4	14.1		SCS1523
CS2338	23"	38"	17.1	17.5	17.8	18.4	19		SCS2338
CS3853	38"	53"	22.2	22.9	23.5	24.8	26.1		SCS3853
CS5368	53"	68"	25.8	26.5	27.1	28.4	29.7		SCS5368



Single leg outboard

MODEL NUMBER - CS SERIES SUPPORT

CS	2338	12
SUPPORT SERIES	HEIGHT ADJUSTMENT	OA CONVEYOR WIDTH

“H” Type Permanent Floor Supports - “MCS” Series

For use with 1.9" dia. roller conveyor (MRS)

- Top bracket adjustable for pitch, boots for leveling with holes for lagging to floor.
- Formed 12 ga. galvanized steel construction.
- Supports shipped knocked down.
- Single leg outboard support for use on outside radius of 90° curves.

Note: Add 3-3/4" to support height for top of conveyor height.

“H” TYPE PERMANENT FLOOR SUPPORTS - “MCS” SERIES									
SUPPORT MODEL #	SUPPORT HEIGHT		WEIGHT (LBS) OA CONVEYOR WIDTH						OUTBOARD SUPPORT MODEL #
	MIN.	MAX.	12"	18"	24"	30"	36"		
CS511	5"	11"	6.4	6.4	6.4	6.4	6.4		SCS511
MCS1115	11"	15"	9.7	10.3	11	11.6	12.2		SCS1115
MCS1523	15"	23"	12.1	12.8	13.4	14.1	14.7		SCS1523
MCS2338	23"	38"	17.1	17.8	18.4	19	19.7		SCS2338
MCS3853	38"	53"	22.2	23.5	24.8	26.1	27.3		SCS3853
MCS5368	53"	68"	25.8	27.1	28.4	29.7	31		SCS5368



MODEL NUMBER - MCS SERIES SUPPORT

MCS	2338	12
SUPPORT SERIES	HEIGHT ADJUSTMENT	OA CONVEYOR WIDTH



Caster option
Contact factory

Portable Tripod Supports

For use with skatewheel (SW) or 1.38" dia. roller conveyor (JRS)

- Welded tubular construction with hand key adjustment locking.

Note: Add 2" to support height for top of conveyor height.

Option: Portable support available with 3" dia. swivel casters with wheel brake. (Adds 4" to support height)

PORTABLE TRIPOD SUPPORTS				
MODEL #	WIDTH	SUPPORT HEIGHT		WEIGHT (LBS)
		MIN	MAX	
T142412	12"	14"	24"	6
T244212	12"	24"	42"	11
T305012	12"	30"	50"	11
T427812	12"	42"	78"	17
T142415	15"	14"	24"	6
T244215	15"	24"	42"	11
T305015	15"	30"	50"	12
T427815	15"	42"	78"	17
T142418	18"	14"	24"	7
T244218	18"	24"	42"	11
T305018	18"	30"	50"	12
T427818	18"	42"	78"	17
T142424	24"	14"	24"	7
T244224	24"	24"	42"	11
T305024	24"	30"	50"	12
T427824	24"	42"	78"	17



MODEL NUMBER - PORTABLE TRIPOD SUPPORT

T	3050	12
SUPPORT SERIES	HEIGHT ADJUSTMENT	OA CONVEYOR WIDTH



Stops

END STOP ACCESSORIES

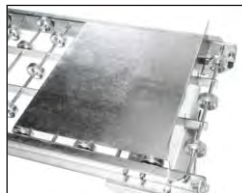
TYPE/OA WIDTH	PACKAGE STOPS	FIXED ANGLE END STOPS	ROLLER STOP KITS
SW/JRS	12"	12SSG	12FAES-JRS
	15"	15SSG	15FAES-JRS
	18"	18SSG	18FAES-JRS
	24"	24SSG	24FAES-JRS
MRS	12"		12FAES-MRS
	18"		18FAES-MRS
	24"		24FAES-MRS
	30"		30FAES-MRS
	36"		36FAES-MRS



Roller Stop

Roller Stops allow for loads to be supported while pulling product from the end of conveyor section

Note: kit uses a roller from conveyor section



Package Stop

Package Stops are simply placed on the end of skatewheel or JRS conveyor sections.

NOTE: Not for use on JRS conveyor with rollers on 1-1/2" centers.



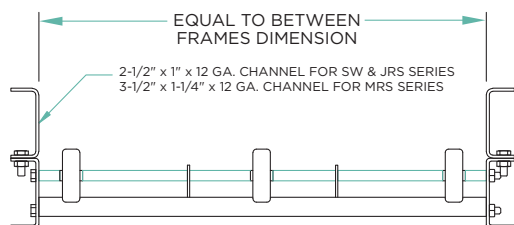
Fixed Angle End Stop

Fixed Angle End Stops consist of a 1-1/4" x 1-1/4" 10 ga. galvanized steel bracket bolted to the top of the conveyor side channels at the end of the conveyor section. Available in all standard conveyor widths.

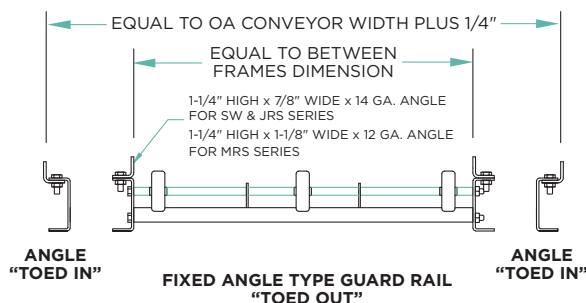
Guard Rail

For use with SW, JRS and MRS series conveyor

- All guard rail available for straight and curved sections.
- All guard rail available for one or both sides
- All guard rail is shipped loose for field mounting
- Fixed angle guard can be toed in or out



FIXED CHANNEL TYPE GUARD RAIL

FIXED ANGLE TYPE GUARD RAIL
"TOED OUT"

Adjustable Guard Rail



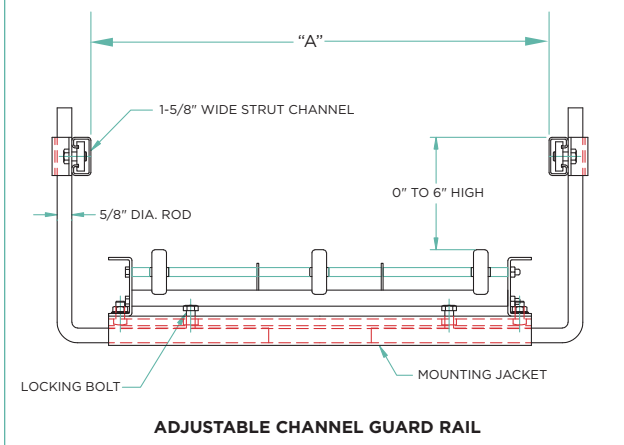
Fixed Angle Guard Rail

To order guard rail, please consult the factory.

INSIDE CLEARANCE RANGE FOR ADJUSTABLE GUARD RAIL

OA WIDTH SW/JRS	"A" ADJUSTMENT	OA WIDTH MRS	"A" ADJUSTMENT
12"	11-1/2" TO 17-1/2"	12" (11-1/2" ACTUAL)	11" TO 18"
15"	14-1/2" TO 20-1/2"	18" (17-1/2" ACTUAL)	17" TO 29"
18"	17-1/2" TO 29-1/2"	24" (23-1/2" ACTUAL)	23" TO 35"
24"	23-1/2" TO 35-1/2"	30" (29-1/2" ACTUAL)	29" TO 41"
		36" (35-1/2" ACTUAL)	35" TO 47"

NOTE: If using fixed angle or channel style guard rail with a fixed angle end stop, order the guard rail 1-1/4" shorter per end stop.



ADJUSTABLE CHANNEL GUARD RAIL



UNEX **Ball Transfer Tables** are a multidirectional material handling solution that helps position material precisely. Ball transfers are also useful for making tight turns when curves aren't an option.

Ball Transfer Table uses:

- When products are required to be manually rotated or positioned - without lifting
- Ideal for workstations or transferring from 2 adjacent conveyor lines
- Can be used for tight 90° turns (in place of curved sections)
- Can also be used as turntables

Features:

- 9 standard conveyor widths
- 3 ball centers
- Galvanized steel side frames
- Balls set high (for set low - add angle guard rail)

Specifications

Light Duty - JRS & SW Series

Widths: 12", 15", 18", and 24" wide.

Frame: 2-1/2" deep x 1" flange x 12 ga. galvanized steel channel with bolt in cross braces.

- Also available as "drop-in" style to replace rollers in UNEX SW or JRS gravity conveyor

Medium Duty - MRS Series

Widths: 12", 18", 24", 30", and 36" wide.
(actual OAW is 1/2" less)

Frame: 3-1/2" deep x 1-1/4" flange x 12 ga. galvanized steel channel with bolt in cross braces.

- Also available as "drop-in" style to replace rollers in UNEX MRS gravity conveyor

Lengths: 1 ft. to 3 ft. in 6" increments.

Special lengths up to 10 ft. available.

Balls: 1" dia. carbon steel ball in zinc plated housing - 1/4-20NC stud mount - set high in frame to match roller height.

Capacity: 50 lbs. per ball. Frame capacities are same as conveyor straight sections.

Ball Pattern: Available on 2", 3", and 4" oc square pattern.

Note: A minimum of 9 balls are required to support product.

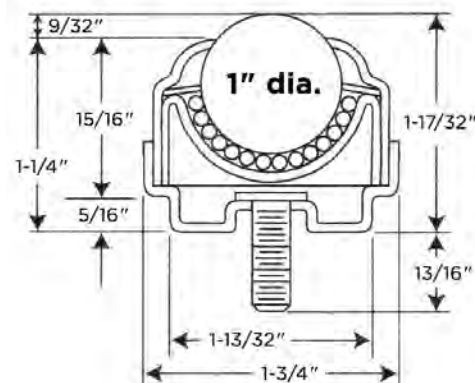
MODEL NUMBER EXAMPLE - BALL TRANSFER

12	BT	DI	JRS	2	x3
CONVEYOR WIDTH	BALL TRANSFER	DROP IN (IF REQUIRED)	MATCHING CONVEYOR SERIES	BALL CENTERS	CONVEYOR LENGTH

LIGHT DUTY JRS					
12" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
12BTJRS2X	2"	29.3	39.1	48.9	58.6
12BTJRS3X	3"	19.6	26.2	32.7	39.2
12BTJRS4X	4"		24		36
15" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
15BTJRS2X	2"	36.8	49.1	61.3	73.6
15BTJRS3X	3"	24	32	40	48
15BTJRS4X	4"		26.9		40.4
18" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
18BTJRS2X	2"	43.4	57.8	72.3	86.6
18BTJRS3X	3"	28.3	37.7	47.1	56.6
18BTJRS4X	4"		28.4		42.6
24" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
24BTJRS2X	2"	57.4	76.4	95.5	114.8
24BTJRS3X	3"	36.9	49.1	61.4	73.8
24BTJRS4X	4"		31.5		47.3

LIGHT DUTY SW					
12" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
12BTSW2X	2"	29.3	39.1	48.9	58.6
12BTSW3X	3"	19.6	26.2	32.7	39.2
12BTSW4X	4"		24		36
15" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
15BTSW2X	2"	36.8	49.1	61.3	73.6
15BTSW3X	3"	24	32	40	48
15BTSW4X	4"		26.9		40.4
18" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
18BTSW2X	2"	43.4	57.8	72.3	86.6
18BTSW3X	3"	28.3	37.7	47.1	56.6
18BTSW4X	4"		28.4		42.6
24" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
24BTSW2X	2"	57.4	76.4	95.5	114.8
24BTSW3X	3"	36.9	49.1	61.4	73.8
24BTSW4X	4"		31.5		47.3

LIGHT DUTY JRS/SW DROP IN				
10" BETWEEN FRAMES (FOR 12" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
10BTDI-JRSSW2X	2"	16.7	25.1	
10BTDI-JR/SWS3X	3"	10.2	15.3	
10BTDI-JRS/SW4X	4"	9.1		
13" BETWEEN FRAMES (FOR 15" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
13BTDI-JRSSW2X	2"	20.3	30.5	
13BTDI-JR/SWS3X	3"	13.1	19.7	
13BTDI-JRS/SW4X	4"	10.6		
16" BETWEEN FRAMES (FOR 18" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
16BTDI-JRSSW2X	2"	26.1	39.1	
16BTDI-JR/SWS3X	3"	16	24	
16BTDI-JRS/SW4X	4"	13.1		
22" BETWEEN FRAMES (FOR 24" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
22BTDI-JRSSW2X	2"	35.4	53.2	
22BTDI-JR/SWS3X	3"	21.8	32.6	
22BTDI-JRS/SW4X	4"	18.2		



Ball Transfer Detail

LOAD CAPACITY CHART - BALL TRANSFER			
CONVEYOR SERIES	SUPPORT CENTERS	FRAME CAPACITY	BALL CAPACITY
		MAXIMUM UNIFORMLY DISTRIBUTED LOAD	MAXIMUM LOAD PER BALL
SW/JRS	10 FT	550 LBS	50 LBS
	5 FT	2100 LBS	
MRS	10 FT	1000 LBS	50 LBS
	5 FT	4000 LBS	

MEDIUM DUTY MRS					
12" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
12BTMRS2X	2"	29	38.6	48.3	58
12BTMRS3X	3"	22.6	28.8	36	43.2
12BTMRS4X	4"		24.7		37
18" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
18BTMRS2X	2"	44.4	59.2	74	88.8
18BTMRS3X	3"	32.5	43.3	54.1	65
18BTMRS4X	4"		37.6		56.3
24" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
24BTMRS2X	2"	59.7	79.5	99.4	119.4
24BTMRS3X	3"	42.4	56.5	70.6	84.8
24BTMRS4X	4"		47		70.5
30" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
30BTMRS2X	2"	75	100	125	150
30BTMRS3X	3"	52.4	69.8	87.2	104.8
30BTMRS4X	4"		59		88.5
36" OVERALL WIDTH					
MODEL #	BALL CENTERS	WEIGHT (LBS)			
		1'-6" LG	2'-0" LG	2'-6" LG	3'-0" LG
36BTMRS2X	2"	90.4	120.4	150.1	180.8
36BTMRS3X	3"	62.3	83	103.8	124.6
36BTMRS4X	4"		68.7		103.1

MEDIUM DUTY MRS DROP IN				
9" BETWEEN FRAMES (FOR 12" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
9BTDI-MRS2X	2"	15.4	23	
9BTDI-MRS3X	3"	11	16.6	
9BTDI-MRS4X	4"	8.9		
15" BETWEEN FRAMES (FOR 18" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
15BTDI-MRS2X	2"	25.6	38.4	
15BTDI-MRS3X	3"	17.7	26.5	
15BTDI-MRS4X	4"	14.8		
21" BETWEEN FRAMES (FOR 24" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
21BTDI-MRS2X	2"	35.8	53.7	
21BTDI-MRS3X	3"	24.3	36.5	
21BTDI-MRS4X	4"	19.6		
27" BETWEEN FRAMES (FOR 30" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
27BTDI-MRS2X	2"	46.1	69.1	
27BTDI-MRS3X	3"	30.9	46.4	
27BTDI-MRS4X	4"	25.5		
33" BETWEEN FRAMES (FOR 36" WIDE)				
MODEL #	BALL CENTERS	WEIGHT (LBS)		
		1'-0" LG	1'-6" LG	
33BTDI-MRS2X	2"	56.3	84.4	
33BTDI-MRS3X	3"	37.6	56.3	
33BTDI-MRS4X	4"	30.4		



CUSTOM CAPABILITY

UNEX has the ability to provide custom variations of our products.

Special lengths, widths, roller centers, wheel patterns, or modified standards can be provided to meet requirements of your particular applications.

Contact the UNEX factory for more information or to discuss specific needs.

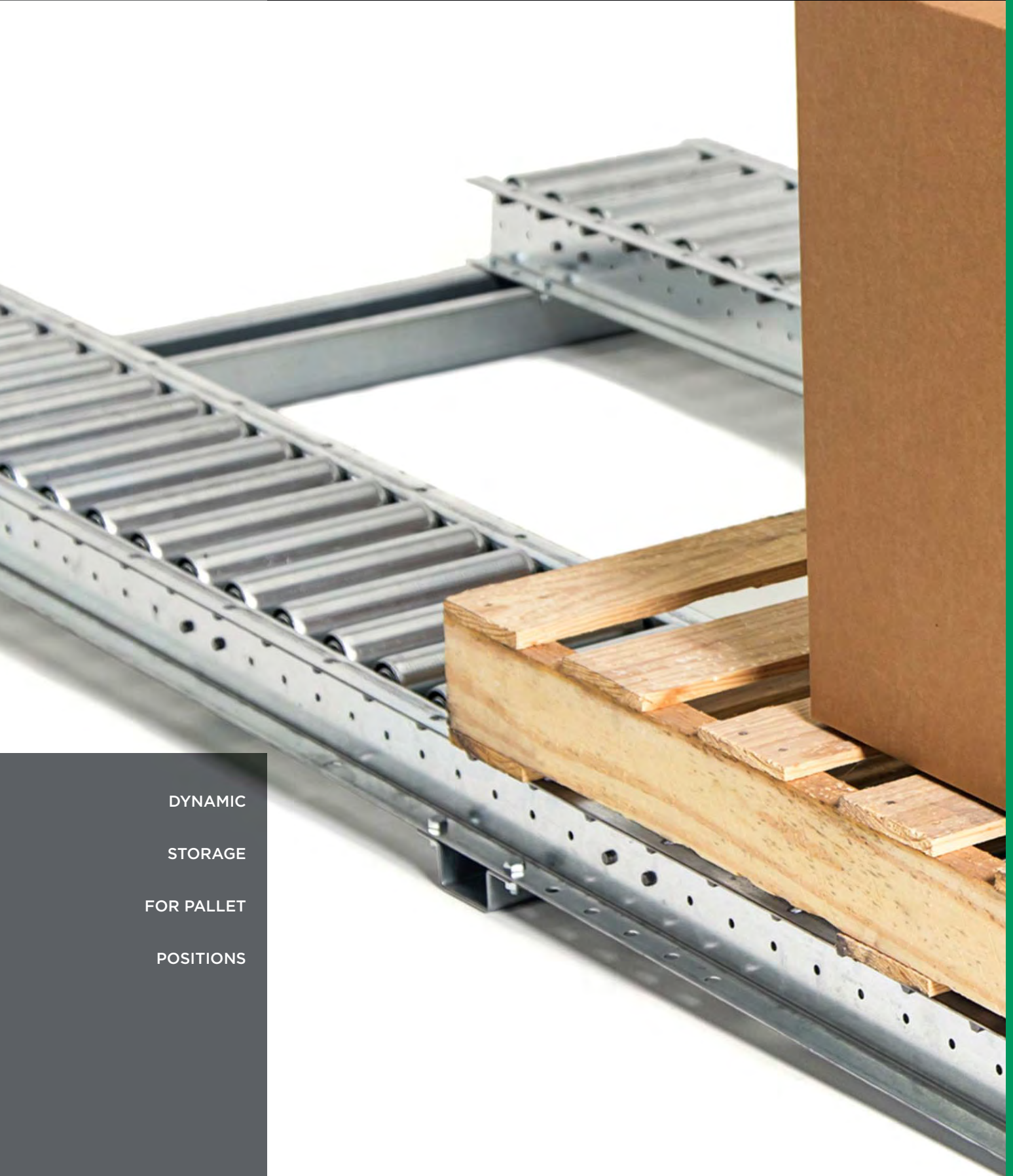


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DYNAMIC
STORAGE
FOR PALLET
POSITIONS

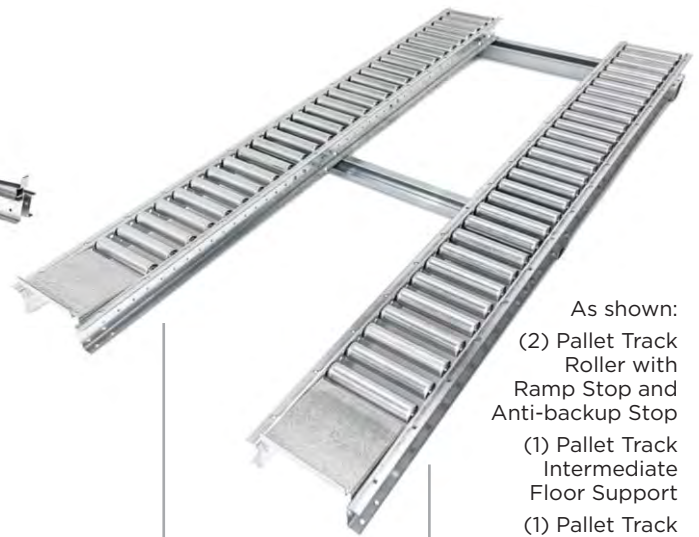


As shown:

(2) Pallet Track
Staggered Wheel
with Ramp Stop
and Anti-backup
Stop

(1) Pallet Track
Intermediate
Floor Support

(1) Pallet Track Rear
Floor Support



As shown:

(2) Pallet Track
Roller with
Ramp Stop and
Anti-backup Stop

(1) Pallet Track
Intermediate
Floor Support

(1) Pallet Track
Rear Floor Support

Pallet Track Features & Benefits

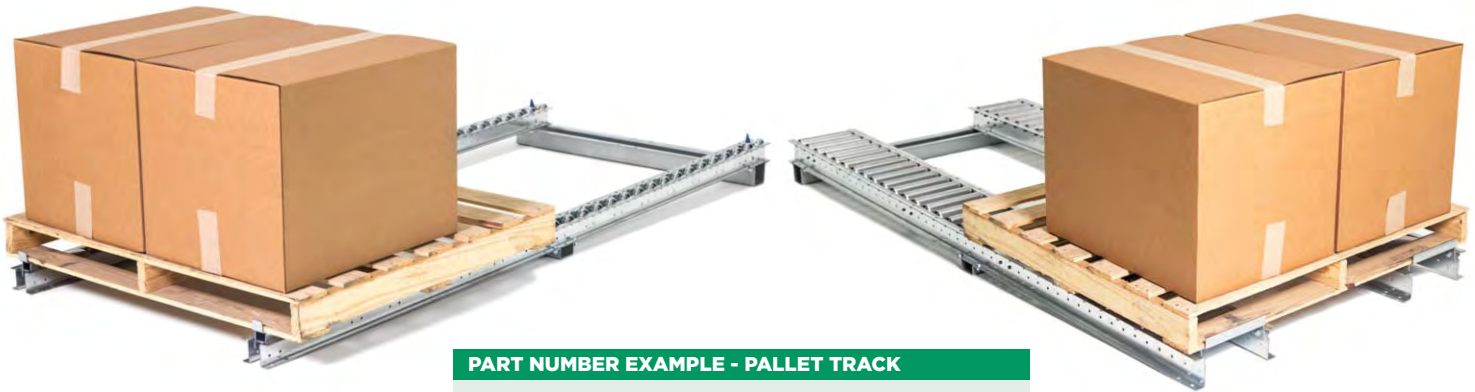
- Creates a “First-In First-Out” (FIFO) storage system
Product is loaded from the rear and removed from the front
- Can be floor mounted or supported by pallet rack beams
- Available in lengths from 48" to 144" in 1" increments
- Increases storage density
- Increases efficiency
- Reduces fork truck operations
- Reduces labor costs
- Reduces damage
- Green — no energy consumption

Wheel Track Features & Benefits

- Staggered wheel type flow rail is commonly used to handle “wrong way” GMA style wooden pallets (with bottom boards perpendicular to flow)
- Rails can be used in 2 or 3 track configurations
- 2-deep pallet storage lanes come complete with ramp stops at discharge end to allow pallet to come to a controlled stop
- Available options include anti-backup stops and floor-mount supports
- Available in custom track lengths

Roller Track Features & Benefits

- Roller pallet track works well when handling:
 - Single face pallets (no bottom boards, with 2 or 3 stringers)
 - Euro style pallets with bottom boards parallel to flow
 - Plastic pallets with feet
 - Heavier loads because they provide high load capacity per roller and greater contact area
- Track configuration of 2 or 3 tracks per pallet position
- 2-deep pallet storage lanes come complete with full-width ramp stops at discharge end to allow pallet to come to a controlled stop
- Available options include floor supports, special end treatments for attaching to rack beams
- Available in custom track lengths



PART NUMBER EXAMPLE - PALLET TRACK

PT	MRS or SW	1.5 or 3	x96
SERIES	ROLLER TYPE	ROLLER CENTERS	TRACK LENGTH

Wheel Rail Specifications

- Standard 2-1/2" x 1" x 12 gauge galvanized channel
- Frame capacity of 210 lbs per ft when supported on 48" centers
- 1-1/2" staggered wheel centers provide maximum support and minimize indentation in wood pallets
- 1.9" diameter steel wheels on 1/4" diameter axle are rated at 100 lbs capacity each

8 FOOT PALLET TRACK WHEEL

CONFIGURATION	CAPACITY
2 Rail	3360 lbs
3 Rail	5040 lbs

Capacity shown based on 96" long rail.
210 lbs per ft, per rail at 48" unsupported

Roller Specifications

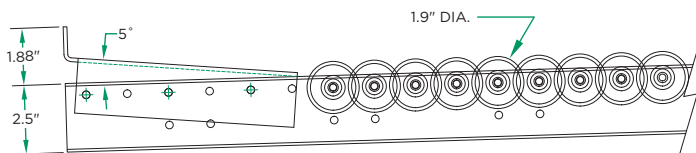
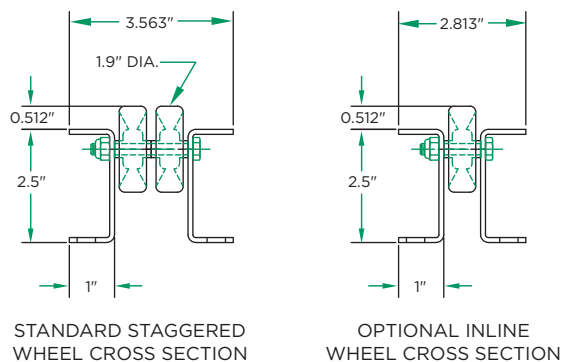
- Standard 3-1/2" x 1-1/4" x 12 gauge galvanized steel channel
- Frame capacity of 500 lbs per ft when supported on 48" centers
- Optional roller centers from 2" and up, depending on load
- 1.9" x 16 gauge galvanized steel roller with 7/16" hex axle is rated at 170 lbs capacity each

8 FOOT PALLET TRACK ROLLER

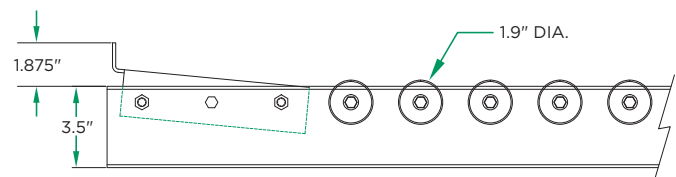
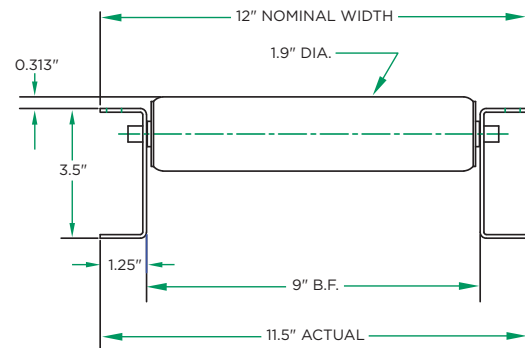
CONFIGURATION	CAPACITY
2 Track	8000 lbs
3 Track	12000 lbs

Capacity shown based on 96" long rail.
500 lbs per ft, per rail at 48" unsupported

SW FLOW RAIL



MRS FLOW TRACK



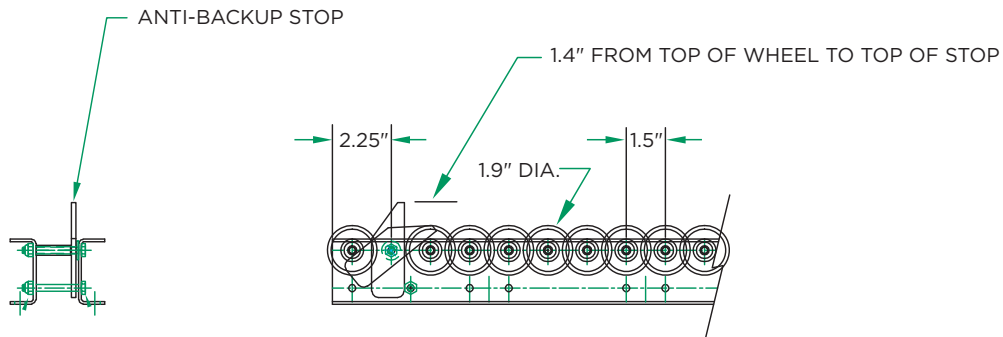


◀ **Floor Mount** ▶
Adds pitch for floor mounted applications

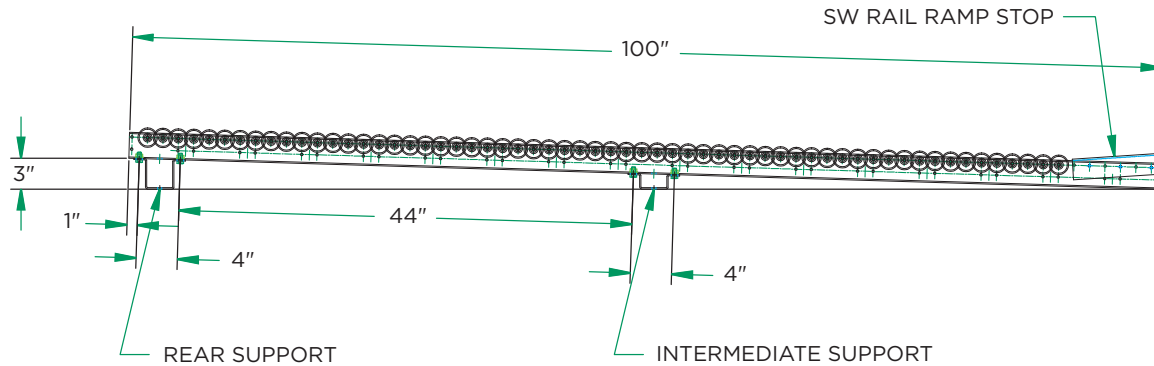
◀ **Anti-backup Stop** ▶
For wheel rail - Prevents pallets from falling off back



ANTI-BACKUP STOP FOR WHEEL RAIL



FLOOR MOUNT



Approximately 3/8" per foot pitch