



Michael Levine

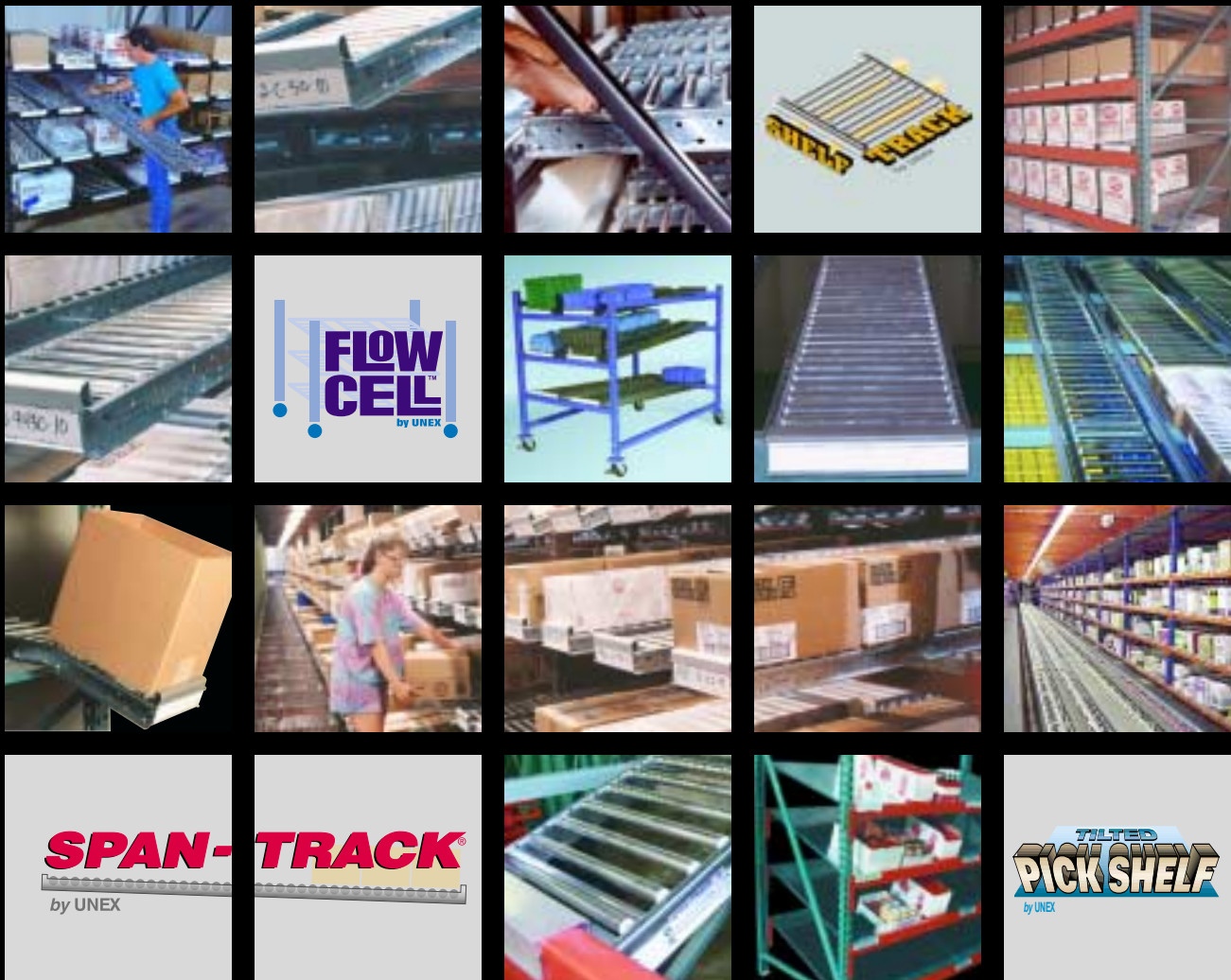
Graphic Design

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Portfolio 2

12 page Brochure pages 2-13

For samples of Logo Design,
Print Advertising, Direct Mail,
Sell Sheets and Illustration
. . . see **MLevine-Portfolio1.pdf**



The Unex Advantage

Innovation Driven

Invented/Patented Cable Driven Live Roller,
Span-Track Carton Flow

Knowledge

40 Year History Developing Integrated
Solutions, Manufacturing Quality Products

Focus

Carton Flow, Order Selection/Picking

All Unex manufactured products are backed by a 7-Year Warranty. A producer of carton flow products since 1964, Unex has a nation-wide network of distributors selling its complete carton flow line.



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The Authority on Carton Flow

www.unex.com

Carton Flow Products by Unex

SPAN-TRACK®
by UNEX

**EASY
INSTALL**



**SUPERIOR
FLOW**



**HIGH
CAPACITY**



**PATENTED
DESIGN**



SPAN-TRACK® Carton Flow Track



Fits Any Rack. No Shelves Needed.

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

"We used existing rack and preserved vertical cubic space... the track is durable and priced competitively... What do I think of it? I'm ordering 5,000 more sections."

Mike Munday
V.P. Operations
Thomas & Howard



Super Flexibility

Simply pick up track to easily rearrange/reslot Span-Track to match SKUs.

High Capacity, High Durability

Span-Track takes the abuse of active warehouses and assembly plants. Galvanized steel side channels, 3/4" diameter tempered aluminum full width rollers and full length 3/16" steel axles handle loads up to 50 lbs per ft.

"I really can't understand why anyone would recommend plastic wheel track when they could have a much more substantial product."

John Pappas
President
G.S. Goodale Company



SPAN-TRACK

The Patented, Original Full-Width Roller Carton Flow Track



Unrivaled Flow

Full-width rollers for total carton support—300% more product contact than plastic wheel—eliminate hang-ups, increase throughput.

Economical

Installs in 1/3 the time of wheel track. Longer useful life. No replacement costs.

"Span-Track fits right into our rack, handles twice the capacity and there aren't any hang-ups."

Mike Schultz
Warehouse Manager
Quidel Wholesale



**7-Year
'Platinum'
Warranty**

SPAN-TRACK MODELS:

Low Profile Span-Track Nests between beams for maximum use of vertical space. Used for full case or loose pick. Perfect for racks with pallet storage above. **PAGES 4-6**

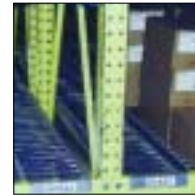
Low Profile Span-Track 3D For extra-heavy loads over longer unsupported spans. Same general applications as standard Low Profile. **PAGE 4**

Low Profile Knuckle 15° angled front end for increased efficiency in loose pick applications. **PAGE 5**

Deck Span-Track "Drop-in" track for instant carton flow in single deep pallet rack. **PAGE 7**



High Profile Span-Track Rests on rack beams. Easily adjusts for overhang and various contouring options. **PAGES 8-9**



OTHER UNEX PRODUCTS:

ShelfTRACK Replaces plastic wheels in existing rack and shelf systems. Provides highly reliable flow with no maintenance. **PAGE 10**



FlowCell Framework plus Span-Track form self-contained work cell/line feed station. Multiple configurations available using standard components. **PAGE 11**

Low Profile **SPAN-TRACK**

Nests Between Beams

Low Profile installs between beams for full use of vertical space. **Fits ANY pallet rack — available in “to-the-inch” cut lengths.** Drop-in design is easy to add to existing rack or to reslot without tools.

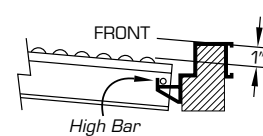
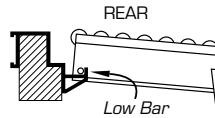
Place **Span-Track Hangers** on front and rear beams to support each Low Profile track.

HANGERS available for **ALL** beam types. Hangers include built-in label holder, labels and end caps.



Place Hangers. Add Track.

Two Steps. One Worker. No Tools.



Rollers at front of track are lower than top of beam, which acts as a carton stop.

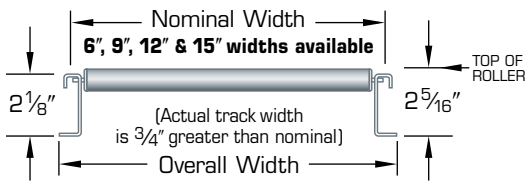
Full-Width Rollers

Available with **1”, 2” or 3”** roller spacing.

Full-width rollers provide support for carton stacking, shown in this load-end view.



LOW PROFILE CROSS SECTION



Low Profile CAPACITIES & LENGTHS

| UNSUPPORTED SPAN | Std Span-Track LOAD CAPACITY | Span-Track3D LOAD CAPACITY |
|------------------|------------------------------|----------------------------|
| 3'0"-6'0" | 50 lbs/ft | NA |
| 7'0" | 50 lbs/ft | 50 lbs/ft |
| 8'0" | 40 lbs/ft | 50 lbs/ft |
| 9'0" | 30 lbs/ft | 50 lbs/ft |
| 10'0" | 20 lbs/ft | 50 lbs/ft |
| 11'0" | * | 35 lbs/ft |
| 12'0" | * | 25 lbs/ft |

* Standard Low Profile over 10' requires an intermediate beam, creating two unsupported spans—the longer of the two dictates capacity.

SPAN-TRACK 3D

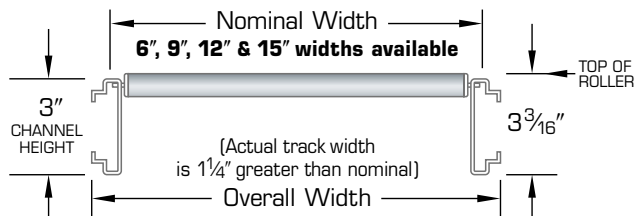
Span-Track 3D for heavier loads on longer unsupported spans.

Low Profile Span-Track 3D with 3" deep side channels (14 gauge galvanized steel) carries loads up to 50 lbs per ft on 10' unsupported spans.

Span-Track 3D installs between pallet rack beams. Saves vertical space for high density live storage. Order “to-the-inch” cuts to fit existing footprint. Uses 2 standard Span-Track Hangers per 3D section.



3D CROSS SECTION



Low Profile **Knuckle**

Each-pick made Easy

Low Profile Knuckle takes the best of Low Profile Span-Track and adds a 15° angle to **improve visibility, access and accuracy at the pick point.** The track does it all without altering or adding to rack structure, and without consuming precious aisle space.



Low Profile Knuckle comes in **9", 12" & 15" track widths.** Knuckle lengths: 12", 16", 20" & 24". Track lengths, load capacities, construction and installation identical to standard Low Profile, described on page 4.

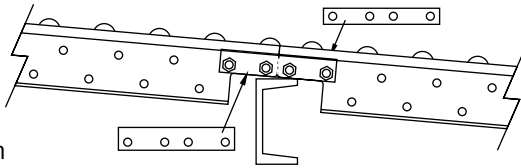
CONQUER SPACE—Track sits entirely between beams

Low Profile **EXTRAS & APPLICATIONS**

Bridge Splice: **FOR LONG RUNS**

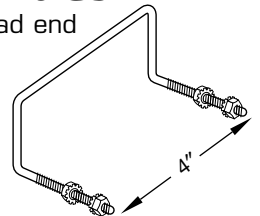
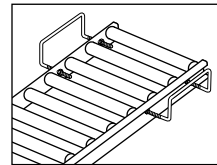
Two special "notched-end" **Low Profile Span-Track** sections can be joined track-to-track for "extra deep" carton flow.

With an intermediate beam supporting the splice, capacity, flow and full use of vertical space are maintained from load point to pick point.



Infeed Guides

Guides install at load end to center cartons on track.



TRACK WIDTH

Span-Track provides excellent product tracking—no guide rails are needed. Cartons with firm flat bottoms may be wider than track section.

| CARTON WIDTH | |
|------------------|----------------------|
| Track Width | |
| SPAN-TRACK WIDTH | MAXIMUM CARTON WIDTH |
| 6" | 9" |
| 9" | 13 1/2" |
| 12" | 18" |
| 15" | 22 1/2" |

PITCH

Required pitch varies with carton quality and weight. 1" per foot is recommended. Test flow with actual product at installation.

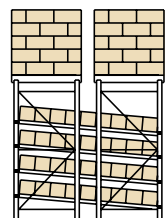
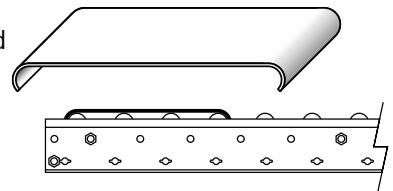
ROLLER CENTERS

Cartons with firm flat bottoms will flow properly if supported by at least three rollers. Poor bottoms or heavier weights may require closer roller spacing for proper flow.

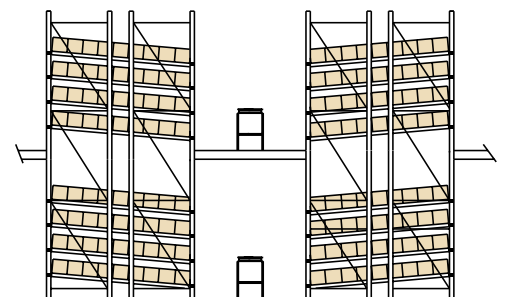
| CARTON LENGTH | |
|-----------------------|------------------------|
| Roller Centers | |
| MINIMUM CARTON LENGTH | MAXIMUM ROLLER CENTERS |
| 6" | 1" |
| 9" | 2" |
| 12" | 3" |

Slow Down Plate

Plate snaps onto rollers to reduce product speed and back pressure at any point along track. Can be used as impact plate at load end.



Span-Track in single or double deep pallet rack requires no shelves or intermediate supports.



Span-Track maintains all the features and capacity of your pallet rack and mezzanine.

Low Profile **Each Pick Solutions:**

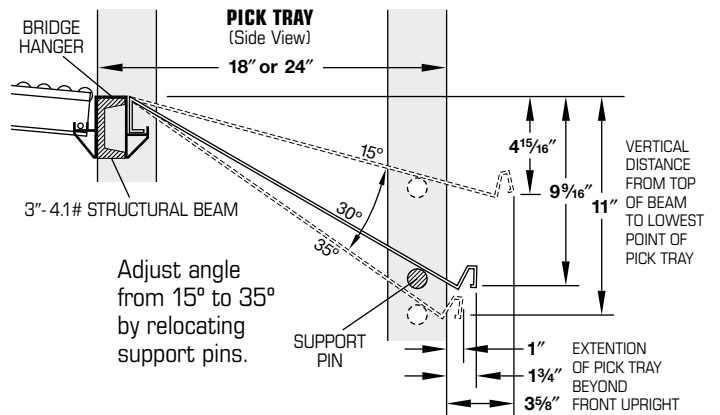
Adjustable Pick Tray...

Combined with Span-Track's superior carton flow, Unex's full-bay-width **adjustable Pick Tray maximizes view and access** in 'each pick' applications. Tilted product presentation greatly improves pick rate and accuracy.

Bridge Hangers connect Span-Track sections to Pick Tray. 'Drop-in' design makes installation easy.

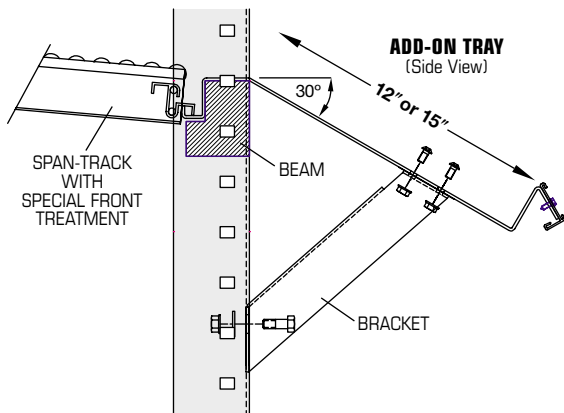


Galvanized steel Pick Tray is rated at 50 lbs/ft. Pick Tray widths available: 5 ft to 10 ft. Standard depth: 18" and 24" with a 2" or 4" front stop. Optional label holder attaches to tray front.



...and **Add-On Tray**

Attaches to existing rack without adding uprights, beams or posts. Works with Low Profile Span-Track for **optimal "each-picking."** Add-On Tray greatly improves view, access and pick rate.



Galvanized steel tray holds 50 lbs/ft. Add-on Tray widths available: 5 ft to 10 ft. Standard depth: 12" and 15" with a 2" or 4" front stop. Label holder attaches to tray front.



Deck **SPAN-TRACK**

Drop-in carton flow track for single deep pallet rack



Drops Between Beams

Deck Span-Track drops onto the beams of your pallet rack for instant, **ready-to-roll live storage**. No shelves, hangers, or retainers. Adjust beams and add track. One worker, no tools, no complications.



Cartons Always Flow to Front

Push back design provides easy loading—keeps cartons on track, up front and easy to retrieve.

It's the unrivaled ergonomic choice.

Maximizes Density

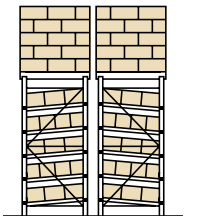
Vertical spacing of track is dictated only by the height of products on each level. Usable storage space of rack is dramatically increased over traditional static storage.

FULL-WIDTH ROLLERS

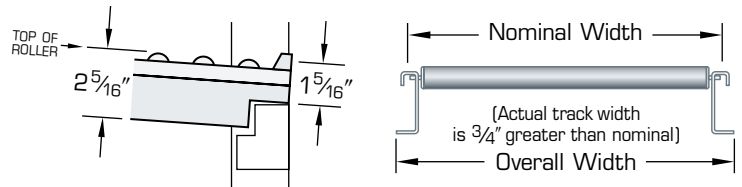
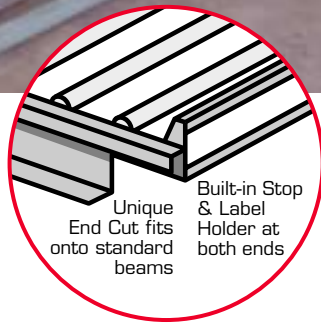
3/4" diameter aluminum rollers with galvanized steel axles. Available widths: 6", 9", 12" & 15" with roller spacings of 1", 2" or 3" on center.

Capacity & Lengths

Deck Span-Track available in 36", 42", 44", 48", 54" & 60" Lengths to match depth of standard uprights. Load capacity is 50 lbs/ft.



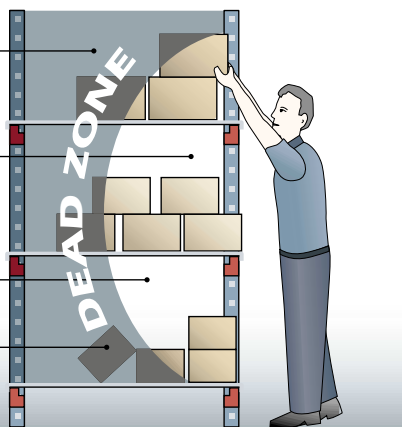
Deck Span-Track is ideal for single deep rack and back-to-back/push back applications.



The Span-Track Carton Flow Advantage

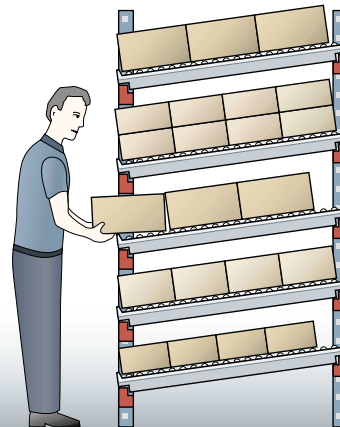
Traditional Static Storage

- Inaccessible
- Head Clearance
- Poor Visibility
- Unsafe Picks



Live Storage with Span-Track

- Extra Levels, Extra Facings
- Full Depth in Use, No Wasted Space
- Safe, Ergonomic Picks
- Product Always at Pick Point



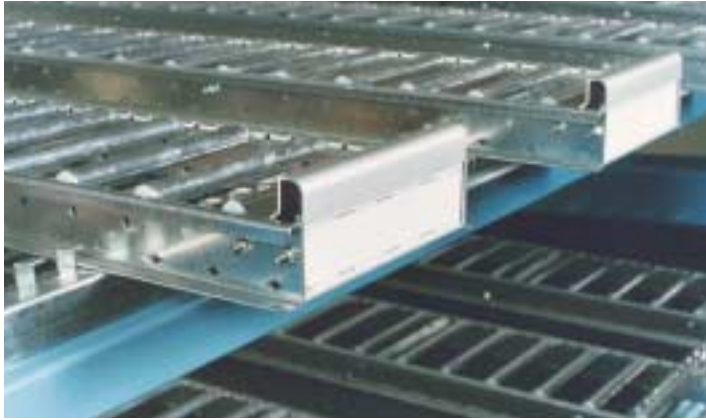
Track width, pitch, roller centers specifications on page 5

Deck Span-Track Patent Numbers: US00423748A & US006102185A

High Profile **SPAN-TRACK**

Fits Your Rack

High Profile installs on any pallet rack beam. Track can overhang beams for increased storage space and contouring of racks. Track **fully adjustable left, right, front and back**, providing complete flexibility to slot/reprofile carton flow to match SKUs.



Flush vs Overhang vs Contour.

Track can overhang rack at front and rear. Pick face profile can be straight or contoured.

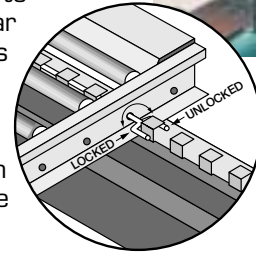
Most full case picks use a straight face.

Loose picks use a contoured face—

a layback design with a stepped effect— which optimizes product visibility and access.

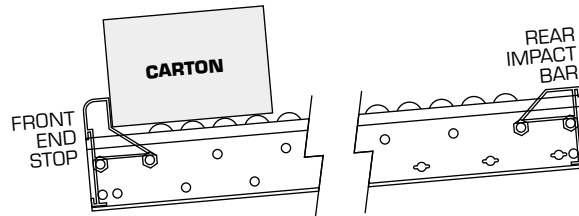
Locks onto Beam

Fourteen-gauge galvanized Retainer Angle attaches to full length of front and rear beams. Lock Arm secures Span-Track to the rear beam Retainer Angle and rack. Simple lock/unlock action enables one person to easily adjust or relocate track without tools.



Built-in Functionality

Front and Rear End Features: Front end of High Profile Span-Track acts as a raised carton stop. Rear end has a load bar to absorb impact loading. Both ends have 2" label holders built in.



High Profile **Knuckle**



Note:

In applications with pallet storage above carton flow a flush face (no overhang) is required to avoid damage to track by fork trucks while loading and unloading pallets.

Overhang with an Angle

High Profile Span-Track with 15° Knuckle, tilts carton toward picker for **excellent visibility and access**. Perfect for loose pick applications.

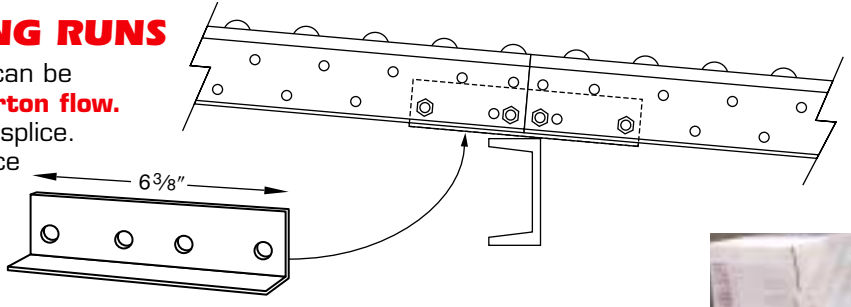
Entire Knuckle must extend beyond front beam.

| | | | | |
|--------------------|-----|-----|-----|-----|
| KNUCKLE LENGTH | 12" | 16" | 20" | 24" |
| MAX. CARTON LENGTH | 15" | 20" | 25" | 30" |

High Profile EXTRAS & APPLICATIONS

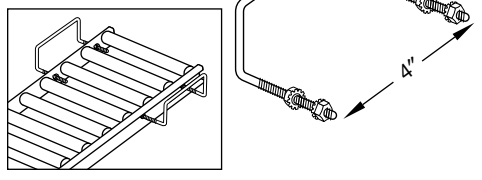
Rigid Splice: FOR LONG RUNS

Two High Profile Span-Track sections can be joined track-to-track for "extra deep" carton flow. An intermediate beam must support the splice. Capacity, flow and full use of vertical space are maintained over the full length of the extended run, from load point to pick point.



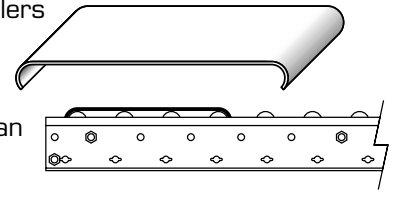
Infeed Guides

Guides install at load end to center cartons on track.

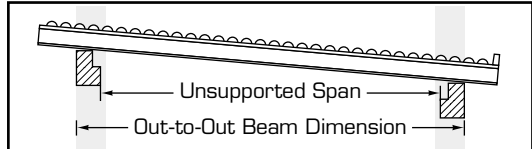


Slow Down Plate

Plate snaps onto rollers to reduce product speed and back pressure at any point along track. Can be used as impact plate at load end.



High Profile CAPACITIES & LENGTHS



Measure level distance from outside to outside of front & rear beams to determine track length required. Track must exceed out-to-out dimension of rack.

| UNSUPPORTED SPAN | TRACK CAPACITY/FT. | MAX. TRACK OVERHANG (HIGH PROFILE) |
|------------------|--------------------|------------------------------------|
| 3'0" | 50 lbs/ft | 1'0" |
| 4'0" | 50 lbs/ft | 1'0" |
| 5'0" | 50 lbs/ft | 1'4" |
| 6'0" | 50 lbs/ft | 1'8" |
| 7'0" | 50 lbs/ft | 1'8" |
| 8'0" | 40 lbs/ft | 2'0" |
| 9'0" | 30 lbs/ft | 2'0" |
| 10'0" | 20 lbs/ft | 2'0" |

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

TRACK WIDTH

Span-Track provides excellent product tracking—no guide rails are needed. Cartons with firm flat bottoms may be wider than track section.

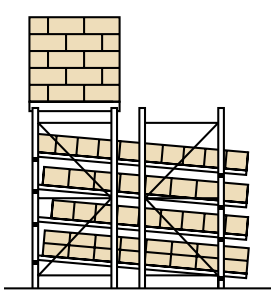
PITCH

Required pitch varies with carton quality and weight. 1" per foot is recommended. Test flow with actual product at installation.

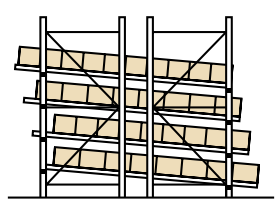
| MINIMUM CARTON LENGTH | MAXIMUM ROLLER CENTERS |
|-----------------------|------------------------|
| 6" | 1" |
| 9" | 2" |
| 12" | 3" |

ROLLER CENTERS

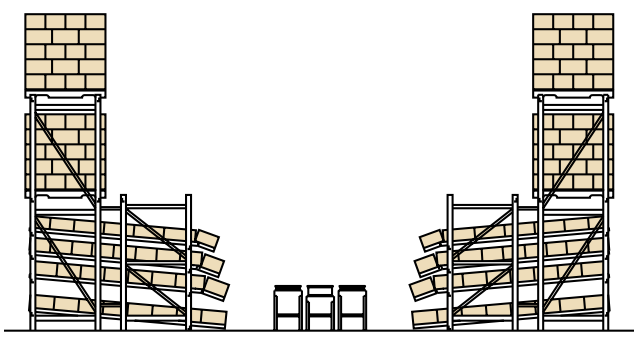
Cartons with firm flat bottoms will flow properly if supported by at least three rollers. Poor bottoms or heavier weights may require closer roller spacing for proper flow.



High Profile Span-Track in a straight face/flush back configuration maintains pallet storage above, while increasing usable carton flow depth.



The same length of High Profile Span-Track on all levels in a layback arrangement creates a contoured profile for improved loose pick access.



Typical Loose Pick Application. Contoured profile with High Profile Knuckled Span-Track.



Upgrade Carton Flow Replace Plastic Wheel Lanes in Existing Rack & Shelves

**No product relabeling. No reconfiguring SKUs.
No changes to pick-to-light. No more jam-ups!**



BEFORE ShelfTRACK



AFTER ShelfTRACK

Replace your plastic wheels FOR THE LAST TIME.

FITS YOUR SHELVES

ShelfTRACK carton flow is the original full-width-roller track that replaces existing plastic wheel tracks.

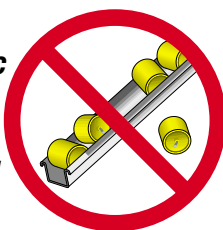
“Drop-in” design for fast, easy installation in your flow rack shelves.

ShelfTRACK full-width rollers provide total carton support and superior flow. Rugged steel side channels and axles, and aluminum rollers withstand tough handling in any environment. Backed by a 7-Year Warranty.

Maintenance-free ShelfTRACK eliminates the high cost of replacing damaged plastic wheel tracks without altering your shelves or rack structure.



**Eliminate Plastic
Wheel Failure...
Rugged ShelfTRACK
just Keeps on Flowing**

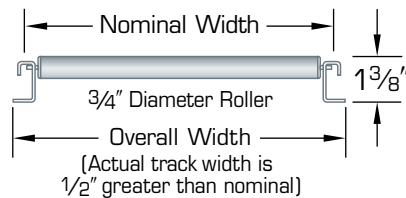


TRACK LENGTH

ShelfTRACK sections are available in **“to-the-inch” cut lengths from 3’ to 12’**. To determine track length required, measure the length of the plastic wheel lanes to be replaced, or measure the clear distance between the inside of shelf’s back angle and the inside of the front angle. **Sections can be spliced end-to-end to create longer runs.**

TRACK WIDTH

Available **6”, 9”, 12” & 15” wide**. Cartons may be wider than track section.



| ShelfTRACK WIDTH | MAXIMUM CARTON WIDTH |
|------------------|----------------------|
| 6" | 9" |
| 9" | 13 1/2" |
| 12" | 18" |
| 15" | 22 1/2" |

| MINIMUM CARTON LENGTH | MAXIMUM ROLLER CENTERS |
|-----------------------|------------------------|
| 6" | 1" |
| 9" | 2" |
| 12" | 3" |

ROLLER CENTERS

Cartons with firm flat bottoms flow well when supported by four rollers. Imperfect bottoms or heavy weights may require closer roller spacing.

PITCH

Recommended pitch is 1 inch per foot. Test for product flow.

GUIDE RAILS

ShelfTRACK does not require guide rails, but they can be left in place if desired.

LOAD CAPACITY

Maximum capacity of a ShelfTRACK section is 50 lbs per ft. Overall capacity is determined by specifications of existing support shelf. Check with shelf manufacturer for handling capacities.



Modular Flow-Thru Workstations

High quality components form the rugged framework. Span-Track supplies the unbeatable flow.

A variety of post and beam lengths, and optional accessories create a multitude of configurations designed for ultra-easy set-up and adaptability.



Build Your Own FLOW CELL™

Standard "Mix & Match" components create a cell to your specs.

SUBASSEMBLY CELL (at right) incorporates many FlowCell 'extras.' Add-On Pick Tray, overhead tool bar with light, and work bench, along with a combination of High Profile Span-Track and Cell Span-Track form an efficient, ergonomic station. Parts and product are always ready and reachable. Elements easily bolt together. Optional casters are shown below.



Posts + Beams = Cell Structure
Drop in SPAN-TRACK
by UNEX
and you've got the Flow

Other Typical Configurations



SINGLE LANE CELL

Two pick levels, one return. Shown with knuckled and straight High Profile Span-Track



LINE SIDE PICK CELL

Two or three pick levels, bottom return level. Shown with Deck and Cell Span-Track.



LINE SIDE STORAGE CELL

Multi-level live storage/feed unit. Deck Span-Track used to provide maximum facings in minimum space.

Standard Components

POSTS: Vertical. 1 3/4" square tube. Punched 1" o.c. 3'-7' in 6" increments. Includes foot plate.

BEAMS: Horizontal. 1 3/4" square tube. 1'-6' long in 6" increments. Front, back and side beams are interchangeable.

SPAN-TRACK: Standard Deck, High Profile and Cell Span-Track drop into FlowCell structure. Available track widths: 6", 9", 12" & 15". Lengths: 3'-7'. Rollers: 1", 2" & 3" o.c.

Add-ons

WORKBENCH*: 12" & 18" deep.

ADD-ON PICK TRAY*: 30° angle. 12" & 15" deep.

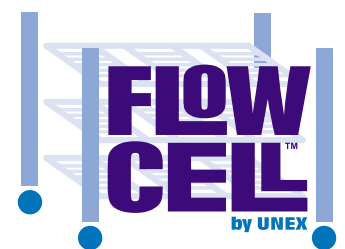
OVERHEAD TOOL BAR*: For tools, lighting and accessories.

CASTERS: 4" diameter. Swivel and rigid.

*Matches left-right cell width.

CELL CAPACITY
 1,000 lbs per level
 3,000 lbs total load
 (with or without casters)

TRACK CAPACITY
 50 lbs per ft



FlowCell: Patent Pending