



The Track To Better Picking



UNEX GRAVITY FLOW

ORDER PICKING PRODUCTS

Drop-In Carton Flow Track for
Retrofitting Existing Racks

Flow Racks -Track & Rack Units

Flow Cell Workstations

Gravity Conveyor

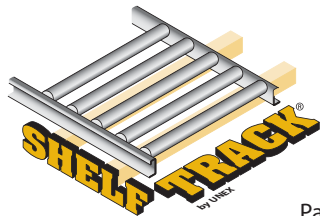
Complete Carton Flow Systems -
Flow Racks, SKU Analysis, Pick Conveyor,
and Application Engineering



SPAN-TRACK

by UNEX

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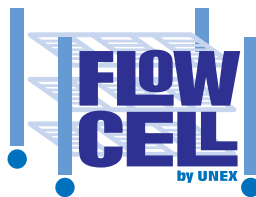


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Complete Carton Flow 'TRACK & RACK' UNITS by Unex

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About Unex

Unex, established in 1964, is dedicated to developing and manufacturing products that improve the order selection process. In 1994, Unex introduced Span-Track, it's patented full-width roller flow track. Span-Track redefined carton flow, establishing Unex as the market leader.

With a focus on carton flow, Unex expanded the product line to include workstations for parts & assembly picking, complete 'Track & Rack' flow units and gravity conveyor.

Unex offers over 45 years of carton flow experience, a reputation for quality manufacturing and a full line of gravity flow products for improving the pick process.

Unex is committed to maintaining its leadership position through continued product innovation and total customer satisfaction.

ISO 9001 CERTIFIED



"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, VP Operations
Thomas & Howard

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

- John Pappas, President
C.S. Goodale Company

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

-Mike Shultz, Warehouse Manager
Quidel Wholesale



The Track To Better Picking

Why Carton Flow?

Carton Flow is a material handling solution that addresses the two major cost drivers in today's distribution and manufacturing facilities - labor and space costs.

Order Picking

Order picking accounts for 40-60% of an operation's total labor cost. Most facilities use pallet racking or shelving as their storage medium. These storage mediums are static (product remains in its stored position). Once the product in front is picked, additional picks require reaching, bending, and pulling. This adds time to the pick process and puts additional strain and stress on employees.

Lower Costs

Carton Flow remedies the inefficiencies of static storage by creating a dynamic storage medium.

When the front product is picked, the remaining product flows to the front. This ensures the product is always at the most accessible pick point - the front. This **increases pick rates up to 30%** versus static storage pick rates. Additionally, carton flow eliminates reaching, bending and pulling, producing an ergonomic safe picking process.

For most operations carton flow should be used for medium and slower moving SKU's. Typically this represents 40-70% of an operation's inventory. Carton flow systems condense and organize SKU's to increase pick efficiency and minimize travel. For static storage systems up to 85% of a picker's time is spent traveling. A good carton flow system should reduce travel time by 40-80% when compared to a pick process utilizing static storage.

Pick Modules

Pick modules are specialized carton flow systems designed for high volume order picking. Pick modules are especially effective for large each pick operations. Pick to light systems are often incorporated into a pick module carton flow system to generate pick rates in excess of 300 picks per man hour, more than triple static storage pick rates.



Unex Seven Year Platinum Warranty

Unex "Platinum Products" are warranted to be free of defects in material and workmanship for a period of seven years from the date of shipment. Warranty requires the equipment be applied within the published guidelines.



Span-Track Carton Flow Track

SPAN-TRACK

Span-Track Can be Added to Any New or Existing Pallet Rack. No Shelves or Intermediate Support Required!

•Fits Any Rack •Drop-In Design •No Shelves Needed

Superior Flexibility

Simply pick up track to easily rearrange/reslot Span-Track to match SKU's.

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.

Unrivaled Flow

Full-width rollers provide maximum carton support – **300% more product contact than plastic wheel rails** – resulting in better flow, fewer hang-ups and increased throughput.

Economical

- Installs in 1/3 the time of wheel rails
- Longer useful life
- No replacement cost

Span-Track Models

Low Profile: 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.

S9 Hangerless Span-Track: Nests between beams on the step of step beams for maximum use of the vertical space.

Low Profile 3D: For extra-heavy loads over longer unsupported spans. .

Low Profile Knuckle: 20° angled front end for increased efficiency in each pick applications.

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

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

High Profile Knuckle: Rests on rack beams. Overhangs structure with 20° angled front end for increased efficiency in each pick applications.



Span-Track, The Patented, Original Full-Width Roller Carton Flow Track



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 edge caps.

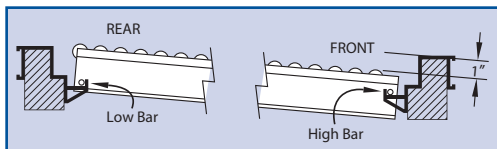
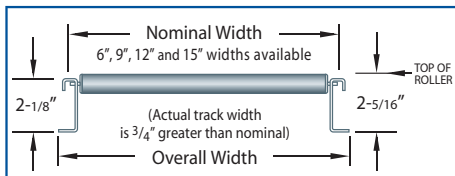


Place Hangers & Add Track.



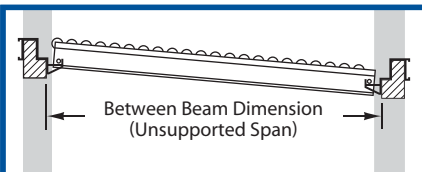
Full-Width Rollers

Available with 1", 2" or 3" roller spacing



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

Capacity & Lengths



Unsupported Span	Std. Span-Track Load Capacity	Span-Track 3D Load Capacity
3'0" - 6'0"	50 lbs./ft.	N/A
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 spans dictates capacity.

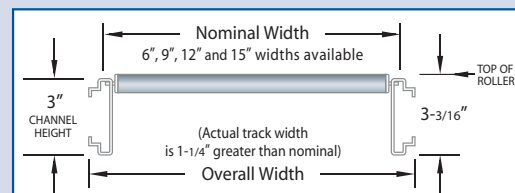
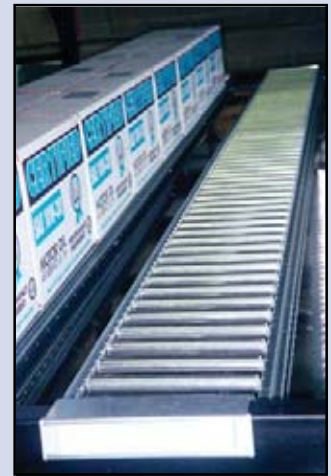
Confirm Low Profile track length with factory

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 two standard Span-Track Hangers per 3D section.



The Track To Better Picking

Low Profile Span-Track

SPAN-TRACK

Low Profile Knuckle

Each-Pick Made Easy

Low Profile Knuckle adds a 20° 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.

Widths: Low Profile Knuckle comes in 6", 9", 12", 15" track widths.

Knuckle Lengths: 12", 16", 20" and 24". Track lengths, load capacities, construction and installation are identical to standard Low Profile.



S9 Hangerless Span-track

S9 Hangerless Span-Track can be added to any standard pallet rack with step beams. It nests between the steps for full use of vertical space.

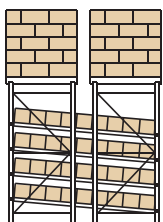
- No hangers!
- Adjustable end secures track to beam.
- Saves vertical space



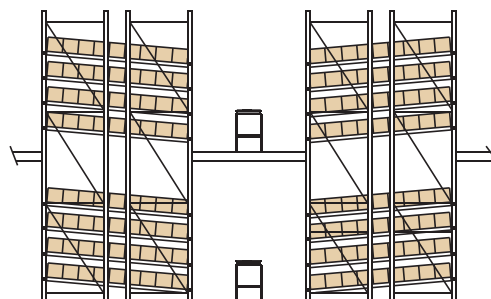
S9 Front View

S9 Back View

Low Profile Applications



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.

For all Low Profile applications confirm track length with factory

Low Profile Each Pick Solutions

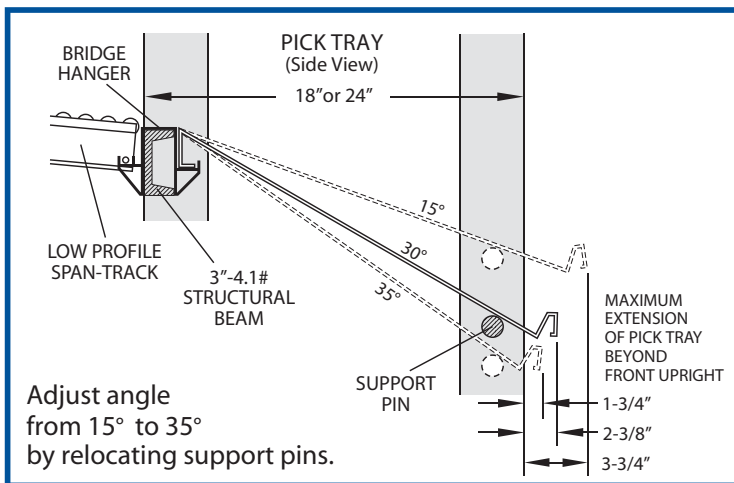
Adjustable Pick Tray

Unex's full-width adjustable Pick Tray maximizes view and access in 'each pick' applications. Tilted product presentation greatly improves pick rate and accuracy. Adjustable Pick Tray requires 18" or 24" uprights or posts.

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:** 5 ft. to 10 ft. **Standard Depth:** 18" and 24" with a 2" or 4" front stop. Optional label holder attaches to tray front.

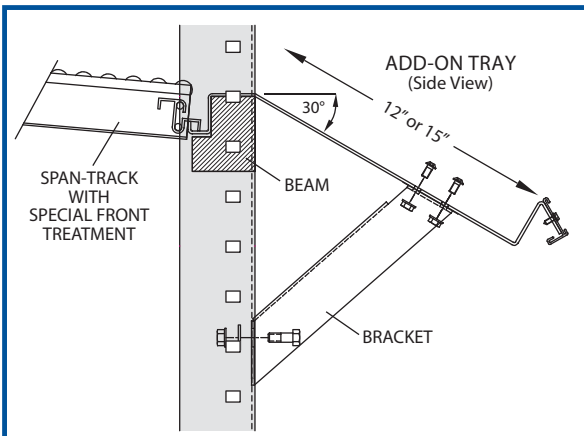
Note: Tray available in other sizes



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:** 3 ft. to 8 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

Deck Span-Track drops onto pallet rack beams for instant, ready-to-roll live storage. No shelves, hangers or retainers required. Adjust beams & add track. One worker, no tools.

Cartons Always Flow to Front

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

Maximizes Density

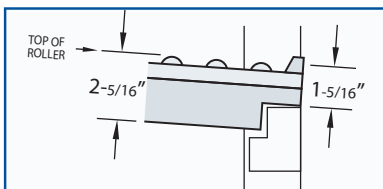
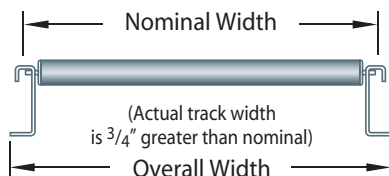
Vertical spacing of track is dictated by the height of products on each level. Usable storage space can be increased up to **50%** over traditional static shelving storage.

Full-Width Rollers

3/4" dia. aluminum rollers with galvanized steel axles.

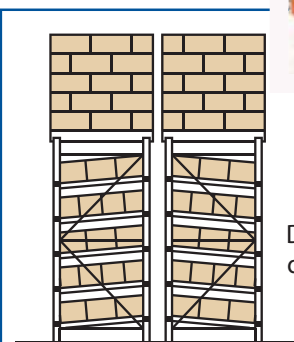
Widths: 6", 9", 12" and 15"

Roller Spacing: 1", 2" or 3" o.c.



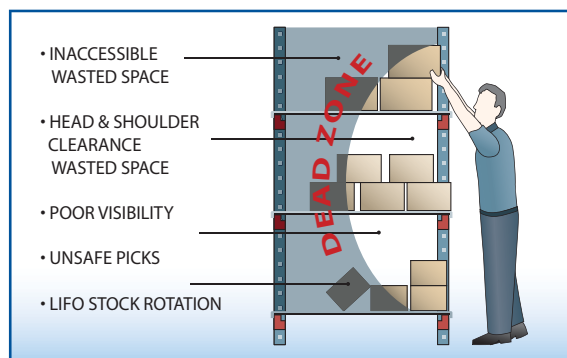
Capacity and Lengths

Deck Span-Track available in 36", 42", 44", 48", 54" and 60" lengths to match depth of standard uprights. Load capacity is 50 lbs./ft. **Note:** Other lengths available

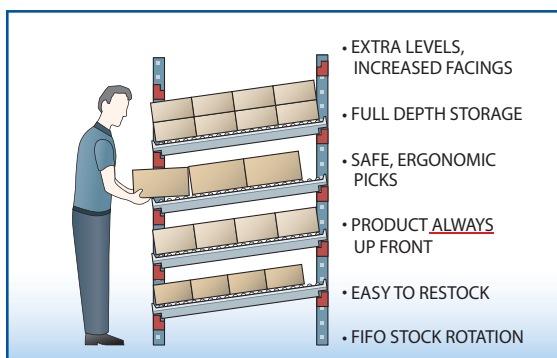


Deck Span-Track is ideal for single deep rack and back-to-back/push back applications

The Span-Track Carton Flow Advantage



Traditional Static Storage
"LIFO" last in / first out



Live Storage with Span-Track
"FIFO" first in / first out



High Profile Span-Track

High Profile installs on any pallet rack beam. Track fully adjustable left, right, front and back, providing complete flexibility to slot/reprofile carton flow to match SKU's.

Locks Onto Beam

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

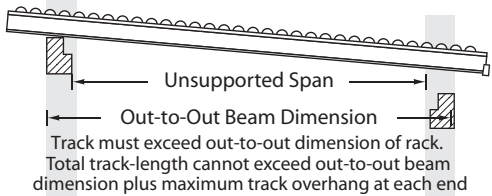
Built-In Functionality

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.

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 products visibility and access. Track can overhang structure to increase storage capacity.

High Profile Capacities & Lengths



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"

High Profile Knuckle Overhang with an Angle

High Profile Span-Track with 15° Knuckle, tilts carton 20° toward picker for excellent visibility and access. Perfect for loose pick applications.

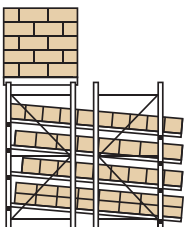
Entire Knuckle must extend beyond front beam

Knuckle Length	12"	16"	20"	24"
Max. Carton Length	15"	20"	25"	30"

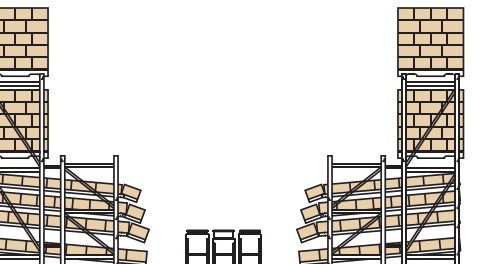
SPAN-TRACK
by UNEX



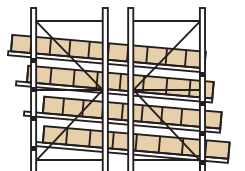
Typical Each Pick Applications



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



Contoured Profile with High Profile Knuckled Span-Track



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

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



The Track To Better Picking

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ShelfTRACK

Upgrade Your Carton Flow... Replace Plastic Wheel Rails in Existing Rack and Shelves

- **NO** Product Relabeling
- **NO** Reconfiguring SKU's
- **NO** Changes to Pick-to-Light
- **NO** More Jam-Ups!

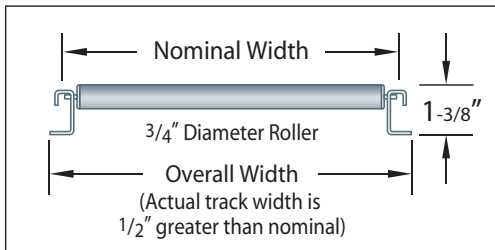
Replace Your Plastic Wheels for the Last Time!

Fits Your Shelves

ShelfTRACK carton flow is the original full-width-roller track that replaces existing plastic wheel rails. "Drop-in" design for fast, easy installation in your flow rack shelves.

ShelfTRACK full-width rollers provides 300% more product contact than plastic wheel for superior flow. Steel side channels, axles and aluminum rollers withstand tough handling in any environment.

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

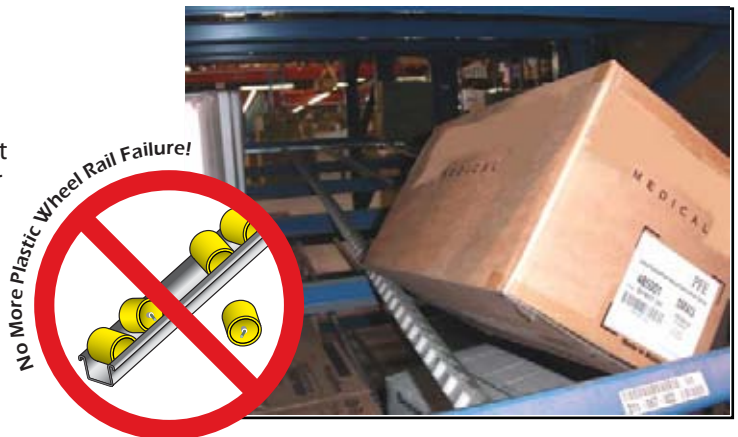


Track Length: ShelfTRACK sections are available in "to-the-inch" cut lengths from 3' to 12'. To determine track length required, measure the length of the plastic wheel rails to be replaced or measure the clear distance between the inside of the shelf's back angle and the inside of the front angle. Sections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

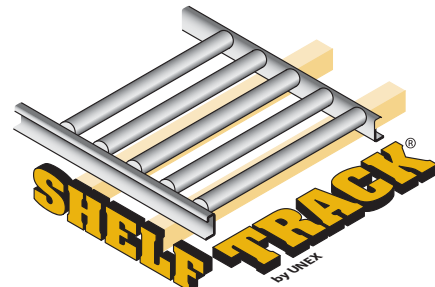
Track Width: Available 6", 9", 12" and 15" wide. Cartons may be wider than track section. Roller spacing is 1", 2" or 3" on center.

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

Load Capacity: Maximum overall capacity of ShelfTRACK is determined by the specifications of the support shelf. If shelf capacity is not known, please contact Unex.



Rugged ShelfTRACK Keeps On Flowing 'Drop-In' Full Width Roller Flow Track for Adding to Existing Shelves



Universal Carton Flow

Flow Bed / Shelf Bed

Create a Full Bed Level of Carton Flow to Maximize Slotting Flexibility

Place Products in Any location Within A Carton Flow System Without Changing or Moving Equipment

TWO MODELS

Flow Bed for Adding to Rack Structures
Shelf Bed for Adding to Plastic Wheel Shelves

IDEAL APPLICATIONS

- Re-profile/Slot on a continual basis
- Product SKU's constantly changing
- Wide variation SKU widths

FEATURES

Staggered, mini-rollers (1.75" wide x 1.375" dia.) provide more conveying surface - 50% more product contact than wheel rails - resulting in less imprinting, fewer hang ups and better flow

DURABILITY

Handle loads up to 50# per ft.. Retained axle eliminates pop outs. 5/16" diameter axles.

INFEED GUIDES (optional)

Define product lanes. Guides are easily adjusted to reconfigure product slot positions on demand.



In-Feed Guides snap into place to define product lane.



Staggered, mini-rollers in 12" or 18" panels provide rugged handling and excellent flow.



Flow Bed is for adding to racks. Its universal carton flow bed design eliminates the need to move track or racks when SKU changes occur. Just load & pick!

- For Adding to New or Existing Rack Structures
 - Drop-In Design
 - Easy Re-Slotting
 - Handles up to 50 lbs./ft.
 - Superior Flow
- Can Mix a Broad Range of Carton Sizes & Shapes



Flow Bed side channels are made of 13 gauge galvanized steel and 5/16" diameter axles providing durability and rugged handling.

Flow Bed Capacities & Lengths	
Unsupported Span	Load Capacity
3' - 7' 0"	50 Lbs./Ft.
8' 0'	40 Lbs./Ft.
9' 0"	30 Lbs./Ft.
10' 0"	20 Lbs./Ft.
11' 0"	*
12' 0"	*

*Flow Bed over 10' lg. requires an intermediate beam, the longer of the two dictates capacity.



Shelf Bed is designed for adding to standard plastic wheel shelves which gives it a shallower side channel than Flow Bed. Shelf Bed offers the same feature and benefits found in the Flow Bed model.

- For Adding to Plastic Wheel Shelves
 - Drop-In Design
 - Easy Re-Slotting
 - Superior Flow
- Can Mix a Broad Range of Carton Sizes & Shapes



The Track To Better Picking

*Total level capacity is determined by the capacity of the plastic wheel rail shelf. If shelf capacity is not known, please contact Unex.

Flow Cell Workstations

Flow Cells by Unex Apply Lean Principles to Your Operation

- Flow Cell modular design configured to meet the needs of your operation
- Product always reachable providing an ergonomic pick
- Reconfigurable units provide maximum flexibility
- Durable structure / clean sightlines



Line Side Pick Cell



Line Side Storage Cell

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



Single Lane Cell

Two pick levels, one return.
Shown with Knuckled and Straight High Profile Span-Track



Line Side Pick Cell with Gravity Conveyor

For Demanding Applications - Use Skatwheel or 1-3/8" Roller Gravity Conveyor

Standard Components

Posts: Vertical 1-3/4" sq. tube. Punched 1" o.c.; 3' – 7' long, 6" increments standard. Includes foot plate.

Beams: Horizontal 1-3/4" sq. tube. 1' – 8' long. Front, back and side beams are interchangeable.

Carton Flow: Span-Track, Gravity Conveyor or Flow Bed

Add-Ons

Workbench: 12" and 18" deep

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

Overhead Tool Bar: For tools, lighting and accessories

Casters: 4" diameter. Swivel and rigid. Includes side brakes.

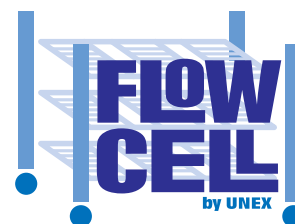
CELL CAPACITY*

1000 lbs per level - at 8 ft. wide

3000 lbs total load - with casters

TRACK CAPACITY 50 lbs. per ft.

**Consult factory for higher capacities and other widths*

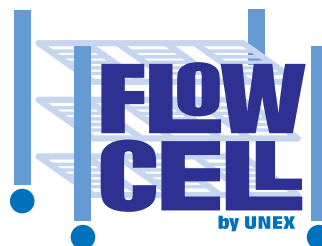


Flow Cell Workstations

Build Your Own Flow Cell With Standard "Mix & Match" Components



The Track To Better Picking



Roller Rack by Unex

Pre-Engineered Carton Flow Units

Roller Racks by Unex are Complete Carton Flow 'Track & Rack' Units which meet the structural requirements of order picking operations - from shelving to stand alone carton flow - to complete carton flow systems.

- Complete Unex Carton Flow Package - Uprights, Beams and Track to Fit Your Application
- Easy to Assemble and Reconfigure
- High Capacity, Durable 50 lbs./Linear Ft.
- Fits all Span-Track, Flow Bed and Gravity Conveyor Models

PLUS Standard "Add-On" Accessories

Row Spacers: Connect uprights for longer runs, deeper bays

Pick Tray: Uses 18" & 24" uprights or posts supported by beams

Add-On Tray: 12" & 15" tray bolts to front of uprights. Trays angle product for maximum view and access

Gravity Conveyor: Front pick, feeder and take-away lines



Roller Rack Packages Include Application Engineering
SKUBE Slotting (SKU) Analysis Available

Typical Roller Rack Configurations: Create full case or split case pick bays with straight or contoured face in exactly the depth you need. Add a Pick Tray, Conveyor or a Workbench for an instant assembly station.



Shelving with Tilted Pick Tray



Full Case with Layback
High Profile Span-Track Straight and Knuckle



Split Case with Pick Tray



Front Pick to Gravity Push Away
Combines Low Profile and High Profile Span-Track in rack and gravity pick conveyor in front.



Full Case Pick / Double-Deep Roller Rack
Low Profile Span-Track Throughout

Tilted Pick Shelf

Tilted Pick Shelf by Unex

The Tilted Pick Shelf is a simple and effective tool for improving pick rates. Ideal for each and parts picking. The shelf is tilted for improved view and access of picks.

Superior Visibility and Access at Pick Point

Tilted Pick Shelf lets pickers easily spot and reach product for rapid, accurate picks right from the master carton.

Maximizes Product Density

The tilt assists product flow right to the pick face. Virtually the entire shelf surface is available for dense product placement and total use of the cube.

Easy Drop-In Installation

The Tilted Pick Shelf quickly converts standard single-deep pallet rack or line side storage unit into an efficient, well-organized "pick zone."



Tilted Pick Shelf for PALLET RACK

The Tilted Pick Shelf is engineered to 'Drop-In' to standard pallet rack widths and depths. The shelf is angled at **20°** for improved view and access of picks. *Consult factory for special angles.*



Tilted Pick Shelf in Pallet Rack

Tilted Pick Shelf for SHELVING

Complete unit including posts, beams and 'drop-in' tilted shelf. Ideal for shelving applications and line side storage parts picking. The shelf is angled at **22°** for improved view and access of picks. *Consult factory for special angles.*



Tilted Pick Shelf in Shelving

Gravity Conveyor in Live Storage

A Carton Flow Solution for Demanding Applications

Unex Gravity Conveyor with treated ends brings superior flow and "drop-in" ease to applications that go beyond the capacities of standard carton flow. Now even heavy products (over 50 lbs/ft.), and difficult to convey items can achieve the benefits of live storage.

Steel construction provides a greater handling capacity than standard flow track. Conveyor's steel rollers and wheels can withstand abusive conditions and flow metal products. The conveyor end treatments make installation and relocation easy, fast and flexible.

Features

- Rugged, 12 Ga. Side Channels
- 1 3/8" Steel and Aluminum Rollers
- 1.9" Diameter Gravity Skatewheel (Steel & Aluminum)
- Drop-in Design, Easily Added to any Structure
- Superior Flow – Roller Bearings Require 1/2 the pitch of traditional flow track
- Cut Lengths to Fit Existing Footprint

Pick Conveyor

Gravity Conveyor can also be used in front of rack to function as a pick or take-away line. Conveyors can use standard floor supports or be rack mounted with brackets.

Workstations

Gravity Conveyor sections are well suited for use in Flow Cell workstations and similar line side storage applications, where metal parts, steel totes or abusive handling is present.



GRAVITY CONVEYOR
in live storage by **UNEX**

Gravity Conveyor

Gravity Conveyor

Unex designs and manufactures Gravity Conveyor products to meet a wide range of unit handling applications from the manufacturing floor to the retail store. Gravity products are used to transport product on a level **Push Line** or on a pitched **Gravity Flow Line**.

Available in steel and aluminum.



Light Duty Gravity Conveyor

1.9" skatewheel & 1 3/8" gravity roller conveyor are ideally suited for lightweight packages and applications requiring portable or temporary conveyor lines.

Heavier Duty Gravity Conveyor

1.9" Gravity Roller Conveyor available for heavier applications to convey product up to 100 lbs. per ft. (supported on 10' centers).

Standard Accessories

- Permanent or portable type floor supports
- Conveyor end stops
- Fixed and adjustable style guard rail
- Gravity Gates - manual or spring assisted



STANDARD

Widths - 12", 15", 18" or 24"

Lengths - 5' & 10'

Capacity - 50 lbs. per ft. (supported 10' centers)

In addition to our standard products, Unex provides custom solutions to handle almost all of your gravity flow applications.

Span-Track Guide and Accessories

Replacement Rollers

Add to existing product or replace damaged rollers. Standard or spring loaded tempered aluminum rollers, 3/4" diameter with full-length 3/16" steel axle.

Standard

Spring Loaded

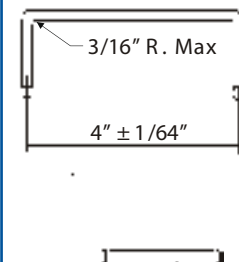
Replacement Labels

Included with hangers. 1-1/2" or 2" tall, width to fit track ordered. Designed for two sided use, insert into built-in label holder of front and rear of track.

SPAN-TRACK	UNEX MANUFACTURING INC.	800-334-UNEX
SPAN-TRACK	UNEX MANUFACTURING INC.	800-334-UNEX

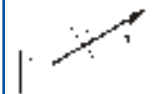
Infeed Guides

For stocking from the rear. Aligns carton into proper position on track.



Edge Caps

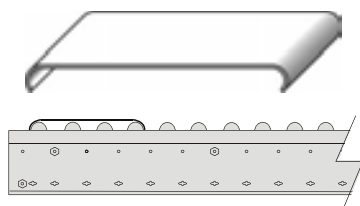
Edge caps included with hangers. Add to each side of label holder on hanger as shown.



Slow Down Plate/Strip

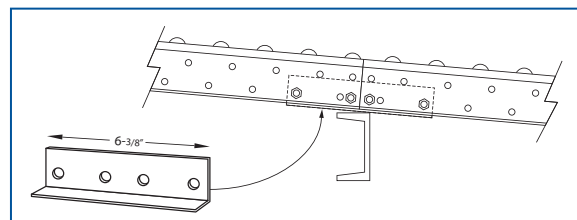
Galvanized steel. Simply snaps over rollers. Designed for two functions:

1. As an impact plate at the load end to absorb impact.
2. As a slow down plate placed anywhere along the track length.



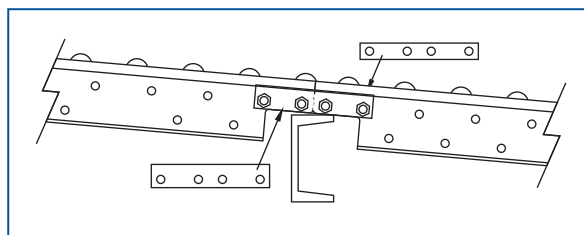
Rigid Splice

Two High Profile Span-Track sections can be joined track-to-track for "extra deep" carton flow. An adjustable 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.



Patented Low Profile 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 adjustable intermediate beam supporting the splice, capacity, flow and full use of vertical space are maintained from load point to pick point.



Adding Rollers to Create Impact Zone

Rollers can be added to the ends of 2" and 3" o.c. track sections to create a roller spacing of 1" o.c. for a 12" or 18" long portion of the track end. This results in an "Impact Zone" which absorbs the impact of loading and assists carton flow.

Span-Track Guide

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.

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

Track Width Guide

CARTON WIDTH	
Track Width	
Span-Track Width	Maximum Carton Width
6"	8"
9"	13-1/2"
12"	18"
15"	22-1/2"

Roller Center Guide

CARTON LENGTH	
Roller Centers	
Minimum Carton Length	Maximum Roller Centers
4"	1
8"	2"
12"	3"

Choosing the Right Carton Flow

5 Key Criteria for Choosing the Right Carton Flow for Your Operation

- 1. Flow** - Carton Flow's purpose is to create a dynamic storage medium where product flows from load point to pick point.
 - Initial Flow--Product movement upon loading.
 - Restart Flow--Ensuring all product moves forward when front product is picked.
- 2. Space Utilization** - Maximize product slotted within carton flow system. For most applications all carton flow systems effectively slot product horizontally – filling 75-90% of space with product
 - Vertical stacking of product can increase cube utilization 20-40%
- 3. Flexibility** - Carton Flows ability to handle changing operational needs
 - Product Seasonality
 - New Customers, New Product Lines
 - Change Product Throughput & Packaging
 - Re-Slotting - Changing a Products Location (slot) within Carton Flow System
- 4. Durability** - Carton Flow systems capability to withstand the rigors of a customer's operation.
- 5. Value** - Optimizing the benefits received for your investment.



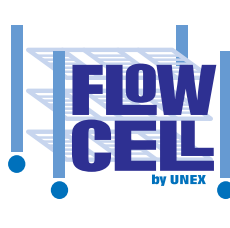
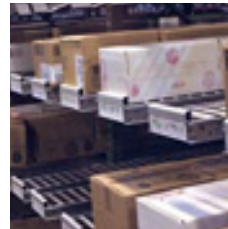
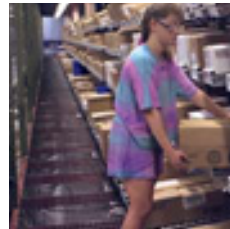
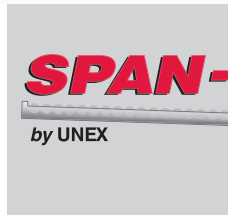
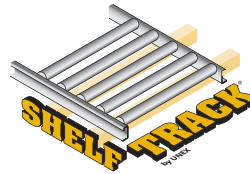
Carton Flow Check List

- What Product Should be Placed in Carton Flow – Fast/Slow Movers etc.
- What is Being Conveyed – Cartons, Totes
- What Type of Pick – Full Case/ Each Pick
- What are Carton Dimensions
- Variation Carton Dimensions
- How Heavy is the Product
- Will the Product be Stacked
- How Often Does the Product Mix Change
- How Often does the Operation Reslot

SKUBE by Unex - An analytical, software program designed to evaluate an operations SKU placement and space usage for picking related functions. It is a powerful tool for identifying and measuring pick productivity.... **BEFORE investing in changes!**

- Identify Which SKU's to place in Carton Flow
- Analyzes SKU Variation
- Slot Carton Flow Product
- Determines Capacity Required
- Determines Roller Spacing to Ensure Flow (1, 2 or 3")
- Stacks Product





The Unex Advantage

Innovation

- 45+ years of developing pick products and solutions
- Over 25 patents granted

Focus

- Gravity driven flow solutions for order selection and assembly operations

Quality

- Unex manufactured products backed by our Seven Year Platinum Warranty

ISO Certified



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The Track To Better Picking

NOTE: SHELFTRACK, SHELFTRACK BY UNEX, SPAN-TRACK, SPAN-TRACK BY UNEX, FLOW CELL, FLOW CELL BY UNEX, SKUBE, SKUBE BY UNEX, GRAVITY CONVEYOR BY UNEX, FLOW BED, UNEX, UNEX LOGO, THE CARTON FLOW AUTHORITY, ETC. ARE TRADEMARKS, SERVICE MARKS AND/OR REGISTERED TRADEMARKS OF UNEX MANUFACTURING, INC.
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