

Utilize lane-free product flow & heavy-duty capacity with Skatewheel Flow Racks

Allows you to slot products anywhere it will fit on the flow shelf - great for manufacturing and distribution applications

Flow racks utilize heavy-duty skatewheel conveyor instead of flow rails or tracks. You can flow-store any item that will fit anywhere on the rack. You don't have to flow product down in a particular "lane"; it can go anywhere within the width of the conveyor shelf and move side to side as you see fit. Skatewheel conveyor is stronger than flow rails, so it can carry more weight. Drop-together construction makes it fast and easy to install. Flow track gravity racks are great for applications, but for those requiring higher capacity, more flexibility, and a high degree of rollability. Adjust shelves easily, without tools.

Model Number	W x D Nominal (Inches)	No. Shelves	No. Lanes*	Cap. Shelf (Lbs.)	Cap. Total (Lbs.)	Wt. (Lbs.)
FR7-72-60-3	72w x 60d	3	3	3750	11250	803
FR7-72-72-3	72w x 72d			558	1674	913
FR7-72-96-3	72w x 96d			744	2232	1,165
FR7-72-108-3	72w x 108d			837	2511	1,291
FR7-72-120-3	72w x 120d			930	2790	1,417
FR7-72-60-4	72w x 60d	4	3	3750	15000	1,021
FR7-72-72-4	72w x 72d			558	2232	1,164
FR7-72-96-4	72w x 96d			744	2976	1,482
FR7-72-108-4	72w x 108d			837	3348	1,641
FR7-72-120-4	72w x 120d			930	3720	1,800
FR7-96-60-3	96w x 60d	3	4	5000	15000	1,014
FR7-96-72-3	96w x 72d			744	2232	1,158
FR7-96-96-3	96w x 96d			992	2976	1,475
FR7-96-108-3	96w x 108d			1116	3348	1,634
FR7-96-120-3	96w x 120d			1240	3720	1,793
FR7-96-60-4	96w x 60d	4	4	5000	20000	1,302
FR7-96-72-4	96w x 72d			744	2976	1,490
FR7-96-96-4	96w x 96d			992	3968	1,895
FR7-96-108-4	96w x 108d			1116	4464	2,098
FR7-96-120-4	96w x 120d			1240	4960	2,301
FR7-120-60-3	120w x 60d	3	5	5726	18750	1,874
FR7-120-72-3	120w x 72d			930	2790	2,050
FR7-120-96-3	120w x 96d			1240	3720	2,434
FR7-120-108-3	120w x 108d			1395	4185	2,626
FR7-120-120-3	120w x 120d			1550	4650	2,818
FR7-120-60-4	120w x 60d	4	5	5726	22580	2,449
FR7-120-72-4	120w x 72d			930	3720	2,680
FR7-120-96-4	120w x 96d			1240	4960	3,174
FR7-120-108-4	120w x 108d			1395	5580	3,420
FR7-120-120-4	120w x 120d			1550	6200	3,667
FR7-144-60-3	144w x 60d	3	6	3988	22500	2,090
FR7-144-72-3	144w x 72d			1116	3348	2,300
FR7-144-96-3	144w x 96d			1488	4464	2,749
FR7-144-108-3	144w x 108d			1674	5022	2,974
FR7-144-120-3	144w x 120d			1860	5580	3,516
FR7-144-60-4	144w x 60d	4	6	3988	22580	2,737
FR7-144-72-4	144w x 72d			1116	4464	3,012
FR7-144-96-4	144w x 96d			1488	5952	3,594
FR7-144-108-4	144w x 108d			1674	6696	3,885
FR7-144-120-4	144w x 120d			1860	7440	4,176

* Lanes denote the number of skatewheel sections per level. The racks do not confine a stored product to a single "lane" - it can be shifted across skatewheel conveyor sections.



Applications

Heavy duty racks are especially popular in the automotive manufacturing industry, and manufacturing in general. Strength, rollability and high capacities make them ideal for work-in-process, assembly lines, warehouses, and other areas where dense flow storage of cartons, containers, and other bulk items is required.



Sizes & Configurations

Only some available sizes are listed. Standard sizes include:

- All racks are 84" tall
- Nominal widths: 24", 48", 72", 96", 120", 144". Actual widths are approximately 7" wider; (from 1 to 6 lanes wide)
- Depths: 60", 72", 96", 108", and 120"
- 3, 4 and 5 shelf levels (5-shelf units not listed)
- Finish: Green. Others available

Gravity flow rack delivers picking efficiency & palletized storage overhead in an 8' x 8' footprint

Pallet racks that utilize carton flow tracks are an excellent way to mix slow and fast-moving items in the same storage footprint. Overhead pallet storage bulk quantities are easily transferred to picking operations. Placed along a line of conveyors or used with cart-based picking, flow racks provide a solid wall of pick faces for easy access.



Concentrates many pick faces, plus bulk storage into just a little floor space

Gravity flow modules work best for multiple-item orders, when average supply holding time is minimal, and when item weight is important. First-in, first-out storage gives you automatic inventory rotation. Whether you need a bay or two of flow storage or a long row of gravity-driven pick faces with pallet storage above, utilizing rack-mounted flow storage gives you the flexibility to change and reconfigure as needed—add, move, or remove shelves & lanes as needed.

Many configurations available - full modules or retrofitted existing racks

- Replenish stock from behind while picking at the front. 3 times as fast as static shelving
- High degree of selectivity means you can access pallets and totes easily
- Low-Profile carton flow track nests between the front and rear pallet rack beams by use of hangers, providing full use of vertical space and smooth carton flow

H x W x D (Feet)	Flow Shelves	Lanes Total	Pallet Levels	Starter Model No.	Wt. (Lbs.)	Adder Model No.	Wt. (Lbs.)
8 x 8 x 8	4	24	1	UPM-888-4-ST	1,096	UPM-888-4-AD	987
8 x 8 x 8	3	18	1	UPM-888-3-ST	902	UPM-888-3-AD	794
14 x 8 x 8	4	24	2	UPM-1488-4-ST	1,319	UPM-1488-4-AD	1,146
14 x 8 x 8	3	18	2	UPM-1488-3-ST	1,135	UPM-1488-3-AD	962



Pick from gravity-flow bays in exactly the configuration you need

Create bays of exactly the depth you need for maximum picking efficiency. Low profile full-width roller flow track drops right into rack. It's easy to insert or reposition.



Hangers built in for no-sweat, no-hardware, no-tools assembly

Hangers are built in, so you don't have to deal with separate hardware. This patent-pending beam makes it easy to assemble, move and reconfigure racks. Slotted Uprights have keystone design for quick assembly—just click the boltless beams into place and connect the flow tracks.

W x D x H (Inches)	Shelf Levels	Flow Lanes	Starter Model No.	Wt. (Lbs.)	Adder Model No.	Wt. (Lbs.)
60D x 60W x 96H	3	4	UX-34606096-S	358	UX-34606096-A	322
60D x 60W x 96H	4		UX-44606096-S	453	UX-44606096-A	417
60D x 96W x 96H	3	6	UX-36609696-S	504	UX-36609696-A	468
60D x 96W x 96H	4		UX-46609696-S	648	UX-46609696-A	612
96D x 60W x 96H	3	4	UX-34966096-S	537	UX-34966096-A	468
96D x 60W x 96H	4		UX-44966096-S	660	UX-44966096-A	591
96D x 96W x 96H	3	6	UX-36969696-S	740	UX-36969696-A	672
96D x 96W x 96H	4		UX-46969696-S	926	UX-46969696-A	858

Features

- Built-in hangers firmly position track, preventing left/right track shifting.
- Row spacers connect uprights for longer runs, deeper bays. Starters connect to adders by utilizing common posts.
- Slotted uprights have keystone design for quick assembly—just snap the beams in
- Listed models utilize low profile Span Track
- Finish: Basic blue

Low profile carton flow track nests between rack beams for maximum vertical storage

Low Profile saves vertical space for higher density live storage. Listed from 43" to 96" deep —sizes from 36" to 144" available

Model Number	Depth (Inches)	Track Width	Roller Center	Wt. (Lbs.)
LowPro92x43-48	43 to 48	9	2	10
LowPro93x43-48			3	10
LowPro122x43-48		12	2	13
LowPro123x43-48			3	11
LowPro92x49-54	49 to 54	9	2	12
LowPro93x49-54			3	12
LowPro122x49-54		12	2	14
LowPro123x49-54			3	13
LowPro92x55-59	55 to 59	9	2	13
LowPro93x55-59			3	13
LowPro122x55-59		12	2	15
LowPro123x55-59			3	14
LowPro92x61-66	61 to 66	9	2	14
LowPro93x61-66			3	14
LowPro122x61-66		12	2	16
LowPro123x61-66			3	14
LowPro92x67-72	67 to 72	9	2	16
LowPro93x67-72			3	15
LowPro122x67-72		12	2	17
LowPro123x67-72			3	16
LowPro92x73-78	73 to 78	9	2	17
LowPro93x73-78			3	17
LowPro122x73-78		12	2	19
LowPro123x73-78			3	17
LowPro92x79-84	79 to 84	9	2	18
LowPro93x79-84			3	18
LowPro122x79-84		12	2	20
LowPro123x79-84			3	19
LowPro92x85-90	85 to 90	9	2	20
LowPro93x85-90			3	19
LowPro122x85-90		12	2	22
LowPro123x85-90			3	19
LowPro92x91-96	91 to 96	9	2	21
LowPro93x91-96			3	20
LowPro122x91-96		12	2	22
LowPro123x91-96			3	20



Low profile carton flow track nests between beams, with the roller profile below that of the beams, making the front beam a carton stop. This is an excellent choice to maximize vertical space, since the track itself takes up little or no top-to-bottom space. Depths ranging from 43" to 96", which will fit many of the most common rack sizes. If your between-beam dimension falls into a range outside our offering, contact us.

Drop-in design for easy addition to existing rack without tools

Choose the depth range for your rack based on *Between-Beam Dimension*, which is the level distance between the innermost portion of the front and rear load beam. Your track should equal that dimension. Tracks are fully adjustable left and right. If more than one length will fit, you should select the beam that provides the most "range" for your application. Features a 7-year warranty and it's built to last with galvanized steel side channels and full-width aluminum rollers that provide for carton stacking if needed.

Notes & Specifications

- Up to 50 lbs./ft. capacity. See individual models for details
- 9" and 12" lane widths are listed, but you can contact us for 6" and 15" widths. All widths are nominal (add 3/4" for actual)
- Track widths: unsupported spans from 4' to 10' in 1" increments are available. We list a limited range of tracks, but custom sizes are available —contact us for assistance
- We can provide virtually any track depth, cut to the inch, between 36" and 144", in 9", 12" and 15" (not listed) widths as standard items
- 2 Hangers (one front, one back) must be ordered with each track. Hangers are available for structural, formed and step beams. Front hanger acts as a front end stop; rear hanger absorbs shock of impact loading. Both ends feature 1-1/2" label holders built into hangers
- Easy installation requires one worker, two steps and no tools. Simply install hangers, then align beams to them



Hangers (we can help you specify your hanger)

Tracks must be installed onto beams with hangers—no tools needed. This gives you flexibility to easily move the flow tracks around when you need to.

Model Number	Beam Type	Height (Inches)	Width (Inches)	Wt. (Lbs.)
98H1-9	Step Beam	2½"	9"	0.6
98H1-12		2½"	12"	0.8
98H2-9		2¾"	9"	0.6
98H2-12		2¾"	12"	0.8
98H3-9	Structural Channel Beam	3"	9"	0.6
98H3-12		3"	12"	0.8
98H4-9		4"	9"	0.6
98H4-12		4"	12"	0.8
98H0-9	Custom - for Step & Box Beams	n/a	9"	1.7
98H0-12		n/a	12"	2.3

High Profile carton flow tracks install on top of beams for the most flexibility

Tracks can overhang the front or back to maximize the use of linear space - simple and fast to adjust left/right, front/back

High profile Span Track is typically used in loose-pick applications or where contouring is preferred. Full-width rollers provide total carton support and consistent carton flow. The fully adjustable track provides complete flexibility to slot or re-profile carton flow to match SKU's. Like all Span Track, High Profile carton flow eliminates flimsy carton rails and replaces them with sturdy roller tracks, reducing replacement costs and increasing productivity.

Product Notes

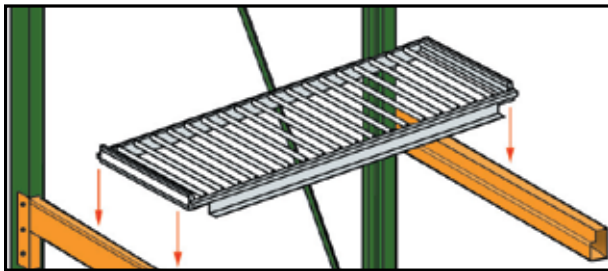
- For applications with pallet storage above carton flow, a flush face (no overhang) is required to avoid fork truck damage to the track while loading and unloading pallets
- Track mounts to beam by use of 14-gauge, galvanized retainer angle and lock arm. Retainer angle is attached on the outside front & back of the rack beam and a lock arm secures it in place. It's the same width as the rack beam. Tracks can be adjusted front to back, left to right, and can be positioned flush or overhanging. Order two retainer angles per shelf level
- Track sections each have a front end stop, a rear load impact bar, & built in label holders
- 7-Year manufacturers warranty
- Galvanized steel side channels, 3/4" diameter, full-width aluminum rollers
- 3' to 12' Lengths in "to-the-inch" cuts
- High profile is designed to exceed your rack's Out-to-Out dimension, the level distance from to outside of the front load beam to the outside of the rear load beam. The track you order must exceed this dimension. We can assist you in configuring your tracks.
- 6", 9", 12" and 15" Nominal Widths. Actual width of track is 3/4" greater than nominal
- Available in 1", 2" and 3" roller centers. Load Capacity up to 50 lbs. per foot



Deck Span Track drops between the beams of single deep rack for insta-flow rack

Just add rack to create instant live flow storage—no tools, no hangers needed because it fits directly on rack beams

Deck Span Track transforms single-deep pallet rack into gravity flow, which always keeps stored product at the pick face without hang-ups or dead space. The track installs between pallet rack beams without shelves, hangers or retainers—all without tools. Track fits firmly on front and rear beams for the absolute easiest "drop-in" installation for single-deep racks.



Deck track fits most standard pallet rack beams. The inset cut of side channels at front and rear sits on beams and keeps the track securely in position. (If you aren't sure of your beams, contact us). 7-Year warranty means it's built to last. Galvanized steel side channels and aluminum rollers require minimal maintenance or replacement.



Product Notes

- The critical dimension for ordering Deck Span Track is the Out-to-Out Beam Dimension. This is the level distance from the outside to outside of the front and rear uprights. Your track length must equal this measurement. Standard sizes match most common rack frame depths. If you cannot match a size to your rack, or if you have other questions about configuration, contact us
- Fits brads and pallet rack beam styles. "Inset" cut of side channels at front and rear sits on beams and keeps track in its position
- 2'6", 3', 3'6", 4', 4'6" and 5' deep sizes to fit standard rack sizes
- Built-in carton stops and label holders at both ends
- 6", 9", 12" and 15" nominal widths. Actual width of track is 3/4" greater than nominal.
- Available in 1", 2" and 3" roller centers. Load Capacity up to 50 lbs. per foot

SPAN-TRACK
by UNEX®

FlowCell lets you create workstations that combine ergonomic efficiency with gravity flow—anywhere you need, nearly any size you need

Create modular workstations that combine ergonomic efficiency with gravity flow. Easy setup, installation, and maintenance combine with flexibility to allow you to increase the efficiency of manufacturing, assembly, shipping, or distribution operations.

Create work cell efficiency with modular, easily-configured FlowCell system

“Mix & match” components make it easy to create ergonomic stations ideal for picking, assembly or line side storage. You can have more than one kind of flow track in the same unit for complete flexibility. No-nonsense design allows easy, quick assembly without special tools or expertise.

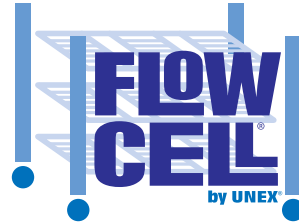
Components

- **Posts:** 4 (minimum) per cell. Available 3 ft –7 ft in 6 increments. Posts ship with foot plate. Casters (optional) are 4 diameter—rigid or swivel.
- **Beams:** Front, back & side beams are interchangeable. Available 1 ft –6 ft in 6 increments. Beams ship with end plates ready to bolt to posts.
- **Structure:** Posts & beams create the FlowCell structure. Bolt-on hardware is included. One worker with one tool completes the set-up.
- **Flow lanes:** Full-width roller flow track drops into cell structure. Flow tracks are easy to insert or reposition within FlowCell. Low profile, high profile & decks tracks can be intermixed in a single cell.
- **Bench:** (work shelf): Galvanized steel workbench. Available 12” or 18” deep. Sized to match cell width.
- **Add-on pick tray:** Angles product 30° toward picker to maximize view and access. Available 12” or 15” deep. Sized to match cell width.
- **Overhead Tool Bar:** Roll formed strut channel. Attach tools, lighting and accessories. Sized to match cell width.



Transport gravity flow workstations with just a push; up to 3,000 lbs. of mobile storage

Ideal for picking, assembly or line-side storage - a FlowCell system option that can easily be moved anywhere you need it



Mobile carton flow notes

- 1) Listed units feature 9” wide lanes (12” & 15” available) with 2” roller centers (1” & 3” available). Each has 3 shelf levels at ideal ergonomic picking range.
- 2) The lower shelf is a return shelf. If more picking locations are needed, load beams of the rack can be adjusted to reverse the angle of the lower level.
- 3) Frames are finished in basic blue. Other colors available.
- 4) Racks utilize “Deck” Type SpanTrack for easy drop-in hand assembly. Low & high profile tracks can be intermixed in a single cell for specialized applications.
- 5) 2, 3, or 4 lanes wide listed. Other sizes are available.

Mobile gravity flow racks let you use, configure, and transport carton flow workstations on the fly. Because these workstations let you make the most of inaccessible rack space, they’re ideal for kitting, picking, or assembly applications. Use them in conjunction with an assembly conveyor line, a workbench, a carousel, or picking operation.

Easily transported flow racks are great for putaway and inventory replenishment. Mix & match components make it easy to create ergonomic stations.

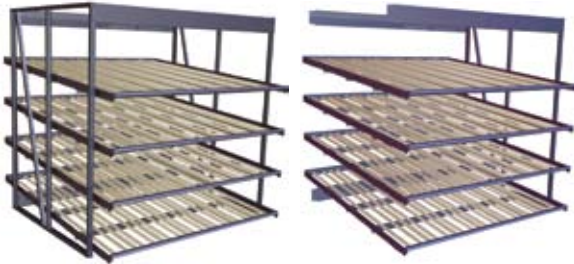
Carton flow lanes are 9” wide (12” & 15” available), low-profile with 2” roller centers. Lanes are fitted with an end stop. Racks roll easily and can be locked into place with 4 x 2 swivel brake casters.

Model Number	W x D x H (Inches)	Lanes per Shelf*	Wt. (Lbs.)
FC4-24-48-3	24w x 48d x 54h	2	216
FC4-24-60-3	24w x 60d x 54h		238
FC4-24-72-3	24w x 72d x 54h		266
FC4-36-48-3	36w x 48d x 54h	3	270
FC4-36-60-3	36w x 60d x 54h		298
FC4-36-72-3	36w x 72d x 54h		335
FC4-48-48-3	48w x 48d x 54h	4	324
FC4-48-60-48	48w x 60d x 54h		358
FC4-48-72-3	48w x 72d x 54h		404

* All units have 3 shelf levels. Capacities: 1,000 lbs. per shelf, 3,000 lbs. per workstation. Many other configurations available.

Wheel-type carton flow makes picking and stocking more efficient

The gravity flow concept uses inclined shelves equipped with roll track to move cartons by gravity from restocking to the picking side of the system. It makes both picking and restocking dramatically more efficient—in fact, one person can do the work of three or four in the proper scenario. Additional savings are realized in terms of floor space, since a gravity flow system requires only half the floor space required by static shelving.



W x D x H (Inches)	Shelves	Picking Lanes	Starter Model	Wt. (Lbs.)	Adder Model
96" x 96" x 96"	4	28	KFR-9696-S	1000	KFR-9696-A
96" x 48" x 96"		28	KFR-9648-S	620	KFR-9648-A
48" x 42" x 96"		16	KFR-4836-S	360	KFR-4836-A

FLOW RACK NOTES:

- 1) Many sizes and styles are available. You can vary the size, the number of shelves, the lanes, and more. These are commonly used configurations.
- 2) All listed units are straight style, 96" tall.
- 3) Connect starters to adders to create a row of flow racking.
- 4) You can also purchase flow shelves that fit into standard pallet rack bays.



Available brands, options, and styles

- First-in, first-out storage ensures even stock rotation. Excellent for carton-pick and each-pick operations
- Available with static side shelves, pallet bars, pallet flow shelves, overhead pallet storage, straight and lay-back styles, and many other options to ensure maximum flexibility
- No layback configurations are best suited for full case picking and offer the densest use of floor space. Layback configurations allow for easy access into cartons (split case picking). Typically requires an additional 1' of floor space
- Bays are interchangeable—as your needs change, you can reconfigure your system as needed
- Manufacturers include Unarco, Hytrol, Keneco, Custom Industrial, Unex, and many others

Column flow rack allows you to slot multiple cartons in a single pick face

Column flow racking is an innovation that presents stacked, vertical columns of cartons to order pickers in first-in, first-out flow storage. You can stack cartons in each lane, allowing for more pick faces in the same space. This provides you with very high-density, space-saving flow storage and enhanced picking productivity.



Above: Column flow carton flow racks are perfect for order picking. This allows you to increase the number of carton pick faces in the same space.

- Retractable loading step allows ergonomic loading from the back side of the rack
- Cartons are constantly presented to pickers with gravity flow
- Column flow racks are an engineered product designed for specific loads - contact us for assistance for your application. Typical application is larger, lighter cartons in case-pick applications
- If your cartons are lightweight and you need to provide more picking face in the same area, this flow rack may be an ideal solution.
- Can be situated in various pick areas ranging from a distribution center floor to an integrated pick rack system



Above: Rear in-feed lanes help keep the cartons aligned for smooth, first-in-first-out flow storage. Step rolls out for easy access, rolls back in to clear the aisle.