



flow//cell

MODULAR

FLOW-THROUGH

WORK STATIONS

FOR ASSEMBLY

AND LINESIDE

STORAGE

Pick Smarter. Pick Better. Pick UNEX.

Accelerate productivity.
Improve Ergonomics.
Eliminate waste.
Maximize space.

Flow Cell 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.



UNEX Flow Cells keep processes and profits flowing

Benefits

- Increase space utilization by up to 50% — inventory is organized and stored properly
- Boost production efficiency up to 30% — parts angle toward the picker, making picking easy and fast
- Minimize reaching and improve ergonomics by reducing injury and fatigue
- Create reconfigurable, flexible storage to accommodate line and process changes
- Ensure FIFO inventory rotation — replenishment from back does not interfere with process
- Keep the factory floor organized — totes and boxes can be stored in return lanes rather than on the floor

Applications

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

Features

- Flow Cell modular design configured to meet the needs of your operation
- Parts always reachable
- Reconfigurable units provide maximum flexibility
- Clean sightlines
- Heavy gauge steel construction
- 7-year warranty
- Assemble in under an hour
- Adjustable levels on 1" centers
- Powder coated finish, RAL: 5004



Specifications

Posts: Vertical 1.75" square tube with .375" diameter hole punched 1" on center. 3' – 7' tall (6" increments standard). Includes foot plate.

Beams: Horizontal 1.75" square tube. 1' – 8' long (6" increments standard). Used for load beams and side beams.

Carton Flow: Span-Track Lane, Span-Track 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" diameter. Swivel or rigid (Includes side brake)

Pick Shelves: Galvanized steel, available in tilted and flat, up to 60" deep

Cell Capacity

1000 lbs per level – at 8 feet wide

3000 lbs total load – with casters

Track capacity up to 100 lbs per ft.



Mobile Unit

Shown with three levels of Span-Track Bed (1.6" Hex Hub) and casters



Stationary Unit

Shown with three levels of Span-Track Lane (.75" aluminum)



Lineside

Shown with three levels of Span-Track Lane (.75" Aluminum) and casters



Workstation

Shown with three levels of Span-Track Bed (1.6" Hex Hub). 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 Span-Track Bed (1.6" Hex Hub) with internal knuckle treatment on lower levels and straight return lane above



HD Roller/Battery Rack

Shown with three levels of Span-Track Lane HD (1.38" steel) and casters



HD Wheel/Skatewheel

Shown with three levels of Span-Track Bed HD (1.9" steel) and casters



Single Lane Layback

Shown with three levels of High Profile Span-Track Lane (.75" aluminum)



Pick Tray Steel

Shown with four 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

Narrow cell — shown with Span-Track Bed (1.6" Hex Hub) and casters



Single Lane Knuckled

Shown with three levels of High Profile Span-Track Lane (.75" aluminum) with optional knuckle treatment and casters



- 1 Posts**
Punched 1" o.c. / available in 3 - 7 ft.
 - 2 Beams**
Horizontal, front, back and side beams are interchangeable. Available 1 - 8 ft.
 - 3 Welded Foot Plate**
4" casters optional (rigid or swivel)
 - 4 Carton Flow**
Span-Track Lane, Span-Track Bed. Different track models can be intermixed in a single cell.
 - 5 Workbench**
Galvanized steel workbench. Available in 12" or 18" deep.
 - 6 Add-On Tray**
Presents product to the picker at 30° to maximize pickability. Available in 12" or 15" deep.
 - 7 Overhead Tool Bar**
Roll formed strut channel. Attach tools, lighting and accessories*.
- * Tools, lighting and accessories supplied by others.



Handle Bars

Horizontal (15 to 48-inch length) or vertical (6 to 36-inch length) configurations available. Handle bars make the mobile Flow Cells easier to handle and maneuver.



Cantilever Beams

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

Span-Track Models

UNEX offers a variety of models to suit any capacity or container type.



Span-Track Lane
(0.75 aluminum)



Span-Track Lane HD
(1.38 steel)



Span-Track Bed
(1.6" Hex Hub)



Span-Track Bed HD
(1.9" steel)

