

Unex Providing Low Cost Solutions for Manufacturing

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

Flow Cells Apply Lean Principles to Your Operations

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



Line Side Pick Cell

Typical Configurations



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 skatewheel or 1-3/8" roller gravity conveyor



Line Side Storage Cell

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

Flow Cell Specifications

Posts: Vertical 1-3/4" sq. tube. Punched 1" o.c.; 3' - 7' high in 6" increments. Includes foot plate.

Beams: Horizontal 1-3/4" sq. tube; 1' - 8' long in 6" increments. Front, back and side beams are interchangeable.

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

*Matches left-right cell width

NOTE: Units over 6' in length or width have a maximum dimension of 4' in the opposite dimension. Intermediate posts required for units over 6'.

CELL CAPACITY
1000 lbs per level
3000 lbs total load
(with or without casters)
TRACK CAPACITY
50 lbs. per ft.



1 Posts

Vertical. 4 (min) per cell. Punched 1" o.c. Available 3ft-7ft in 6" increments. Posts ship with foot plate. Casters (optional) are 4" diameter - rigid or swivel.

2 Beams

Horizontal. Front, back and side beams are interchangeable. Available 1 ft-8ft in 6" increments. Beams ship with end plates ready to bolt to posts.

3 Span-Track

Full-width roller flow track drops into cell structure. All Span-Track models are easy to insert or reposition within Flow Cell. Different track models can be intermixed in a single cell.

6 Overhead Tool Bar

Roll formed strut channel. Attach tools, lighting and accessories. Sized to match cell width.

5 Add-On Tray

Angles product 30° toward picker to maximize view and access. Available in 12" or 15" deep. Sized to match cell width.

4 Bench

Galvanized steel workbench. Available in 12" or 18" deep. Sized to match cell width.

Sub Assembly Work Cell

SPAN-TRACK

by UNEX The Carton Flow Authority

Span-Track Specifications:

Capacity: 50lbs per ft.

Length: *Cell - 2' to 12' in 6" increments. High Profile - 3' to 12' in 1" increments

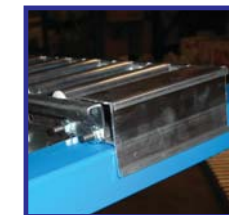
Width: 6", 9", 12" and 15" nominal.

Actual width = nominal + 3/4"

Rollers: 3/4" diameter tempered aluminum with a full length 3/16" steel axle. Available in 1", 2" and 3" on center.

Label Holders: Built into front and back of track. Labels included.

NOTE: Maximum unsupported span 6'



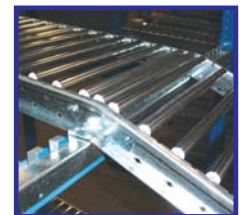
Cell

Rests on front beam, wraps over rear beam.



High Profile Straight

Installs on beams with retainer angle. Can overhang structure. Fully adjustable.



High Profile Knuckle

Front end tilts toward picker. Installs on beam with retainer.

PRODUCT	PITCH PER FT.
Totes	3/4" to 7/8"
1# - 10# Cartons	1" to 1-1/8"
10# - 30# Cartons	7/8" to 1"
30# - 60# Cartons	3/4" to 7/8"

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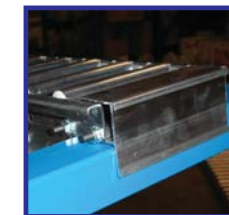
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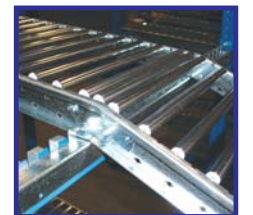
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