

For North America
EXGLOBE STORAGE SOLUTION

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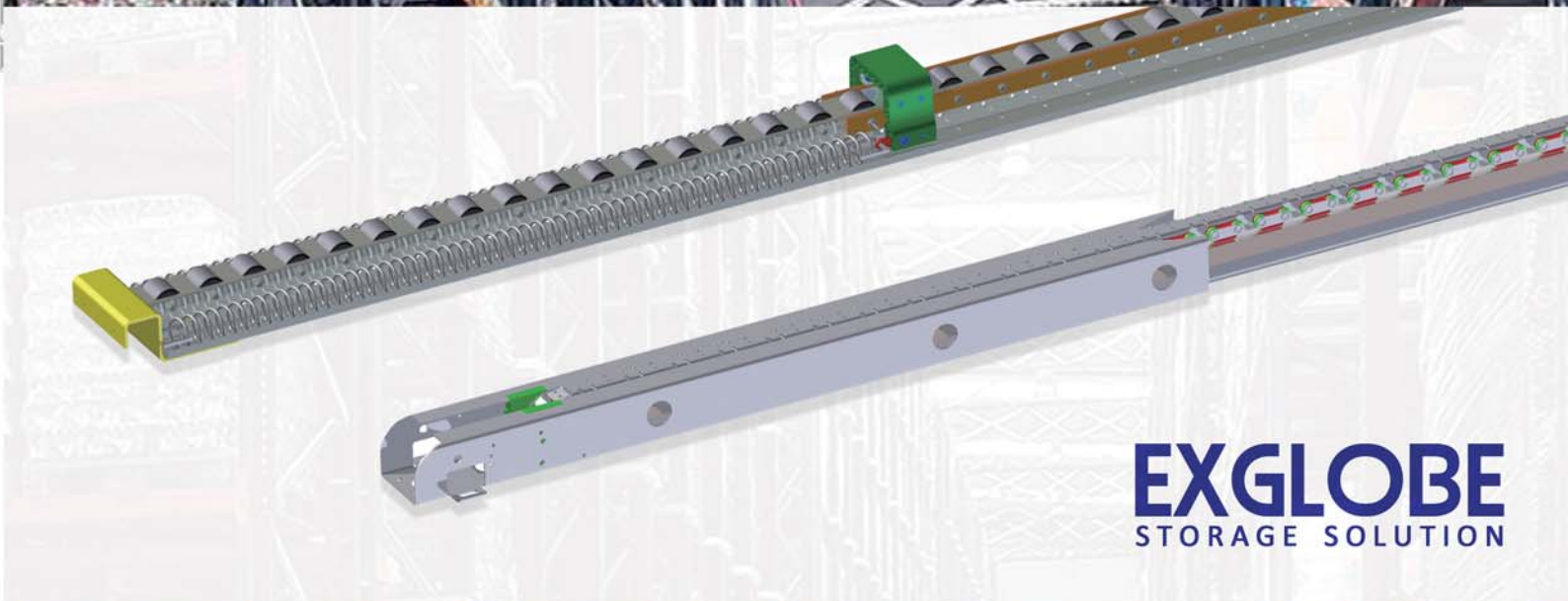
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EXGLOBE
STORAGE SOLUTION



EXGLOBE

STORAGE SOLUTION

We design and manufactured from a single component to entire integrated system.
All to your specification and expectation.



All products in accordance with the ISO 9001 standard.

Contents

Horizontal High Density Pallet Storage

Standard Flow Rail
Auto-Retrieval Track
Flow Rail Unload Assistant

Incline Density Pallet / Carton Storage

Pallet flow wheel track
Free wheel Bed
Plastic roller Bed

Material Handling Equipment

Gravity roller conveyor
Expandable skatowheel conveyor
Expandable roller conveyor

FLOW RAIL®

i Features

SQUARE FOOT EFFICIENCY

FLOW RAIL is the ultimate high-density racking system for pallets. Combining the flexibility of push-back with the density of drive-in systems, FLOW RAIL lets warehouse managers stock up to 12 pallets in the same lane—and mix different SKUs in the same bay.

Goods can be picked individually from any level without having to empty the levels above and below. FLOW RAIL makes each lane independent resulting in occupancy ratios in the order of 85%. There is no slope required, and consequently there is no wasted space in vertical.

FLEXIBILITY

Need more density? FLOW RAIL systems can be configured up to 12 pallets deep. And since no pitch is required, drive-in systems can be easily converted with FLOW RAIL using existing uprights. It is a truly rack agnostic system.

FLOW RAIL can store an impressive variety of products, regardless of shape or physical form. For extra large sizes, multiple tracks can be added. A third rail can also be added for weak pallets or very heavy loads.

With FLOWRAIL, different size and model lift trucks can be used. It is very easy to extend or shorten the length of FLOW RAIL tracks. When made longer, 100% of the existing material is reused.

SAFETY

Accident risk is significantly reduced with FLOW RAIL. Operators upload and unload from the face of the rack, so there's no driving in and out. FLOW RAIL keeps everything on a horizontal plane, which means less risk of individual boxes falling or drifting when pallets are in movement, thereby reducing product damages.

All operations are performed at the front of rack. This minimizes the risk of damage goods and structures.

TROUBLE-FREE OPERATION

FLOW RAIL Chain systems are manufactured using a fully automated process and top quality, low-temperature-resistant materials for years of reliable, trouble-free performance. The system can be used in cold rooms down to -30°C.

There is no motors to maintain or batteries to charge, so it minimal maintenance required.

i Comparison Table Of Flow Rail vs Push Back and Drive In

25 Features	Flow Rail		Drive-In		Push-Back	
Picking / replenish speed	Fast	3	Slow	1	Fast	3
Automatic replenishment in front	Yes	3	No	1	Yes	3
Deep lane storage capability	10+	3	10+	3	6	2
Optimizes vertical storage space	Good	3	Good	3	Average	2
Restricted by pallet length	None	3	None	1	Medium	2
Restricted by pallet width	None	3	Medium	2	Yes	1
Restricted by length + width combined	None	3	Yes	1	Yes	1
Restricted by pallet weight	Low	3	Medium	2	Medium	2
Product damage potential	Low	3	Medium	2	Medium	2
Horizontal storage of pallets	Yes	3	Yes	3	No	1
Pallet jams within the system	Low	3	Low	1	Medium	2
System derails	Low	3	Low	1	Medium	2
Run-away pallets fears	None	3	None	3	Medium	2
Food-grade standard components	Standard	3	Optional	2	Optional	2
Rust-proof	Standard	3	Optional	2	Optional	2
Cooler / freezer compatibility	Standard	3	Optional	2	Optional	2
Used rack compatibility	High	3	Medium	2	Low	1
Retrofits onto existing racks	Yes	3	No	1	No	1
Damaged rack part replacement	Easy	3	Easy	3	Hard	1
Relocation of storage levels	Easy	3	Medium	2	Hard	1
Lift circulates inside rack structure	No	3	Yes	1	No	3
Fork-lift rack abuse probability	Low	3	High	1	Low	3
Reach truck compatibility	Yes	3	No	1	Yes	3
Accident frequency	Low	3	High	1	Medium	2
Resale value	High	3	Medium	2	Medium	2
Scorecard	Flow Rail	75	Drive-In	44	Push-Back	48



HORIZONTAL HIGH DENSITY PALLET STORAGE

Standard Flow Rail for 2-12 pallet deep lane

i Features

- 2-12 PALLETS
- +40% OCCUPANCY
- 4X SKUs
- 75% FASTER
- 22°F/-30°C



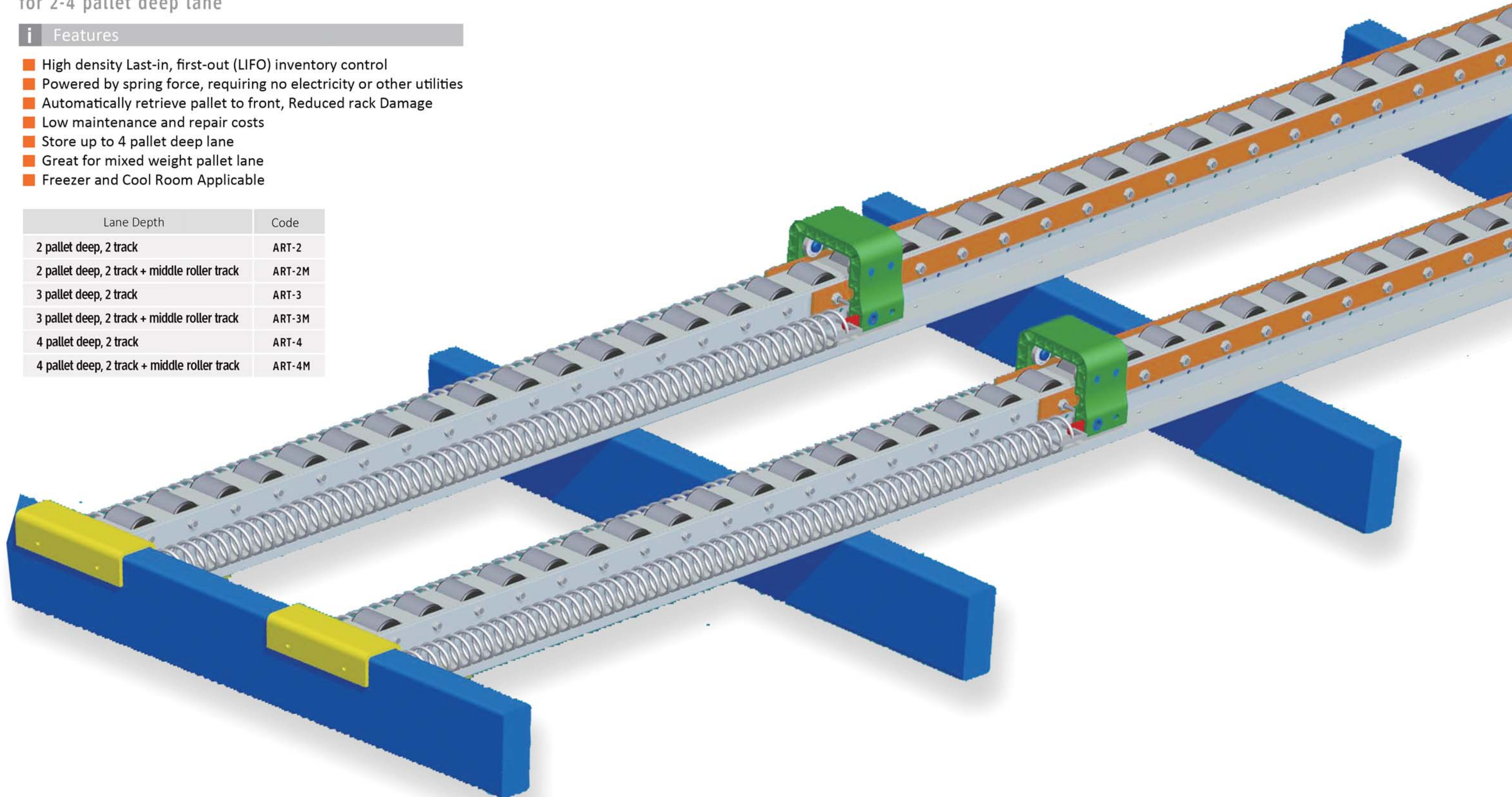
Auto-Retrieval Track

for 2-4 pallet deep lane

i Features

- High density Last-in, first-out (LIFO) inventory control
- Powered by spring force, requiring no electricity or other utilities
- Automatically retrieve pallet to front, Reduced rack Damage
- Low maintenance and repair costs
- Store up to 4 pallet deep lane
- Great for mixed weight pallet lane
- Freezer and Cool Room Applicable

Lane Depth	Code
2 pallet deep, 2 track	ART-2
2 pallet deep, 2 track + middle roller track	ART-2M
3 pallet deep, 2 track	ART-3
3 pallet deep, 2 track + middle roller track	ART-3M
4 pallet deep, 2 track	ART-4
4 pallet deep, 2 track + middle roller track	ART-4M

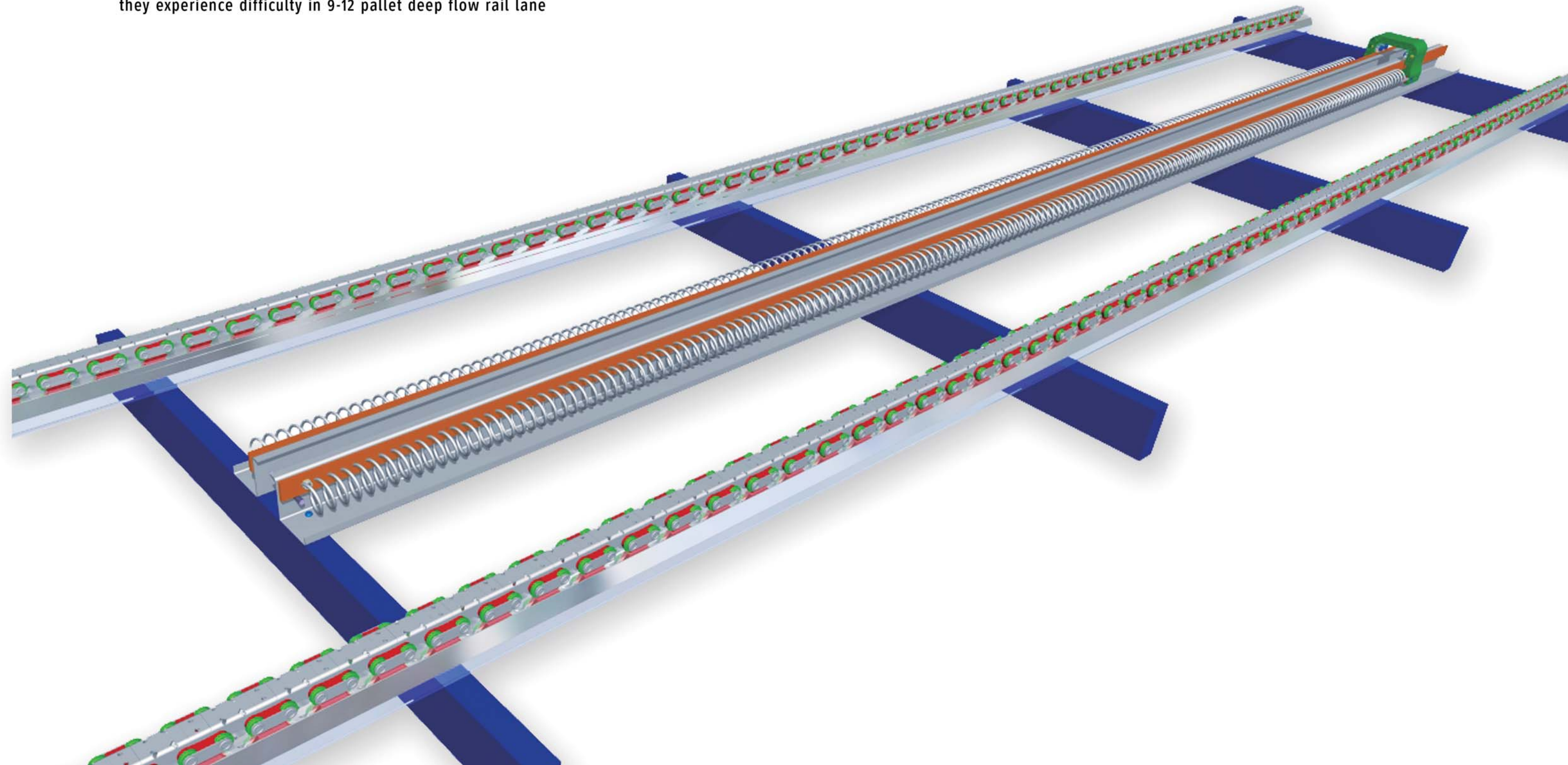


Flow Rail Unload Assistant

for 9-12 pallet deep lane

i Features

- An effective device to help forklift driver unload pallets when they experience difficulty in 9-12 pallet deep flow rail lane



Pallet Flow Wheel Track

for pallet storage

i Features

- High density First-in, first-out (FIFO) inventory control
- Powered by gravity, requiring no electricity or other utilities
- Easy, Efficient Product Loading and Unloading
- Reduced Fork Lift Damage as pallet or carton flows to the operator or unloading area
- Non-powered, indirect mounted brake can be added for smooth and reliable speed control
- Freezer and Cool Room Applicable

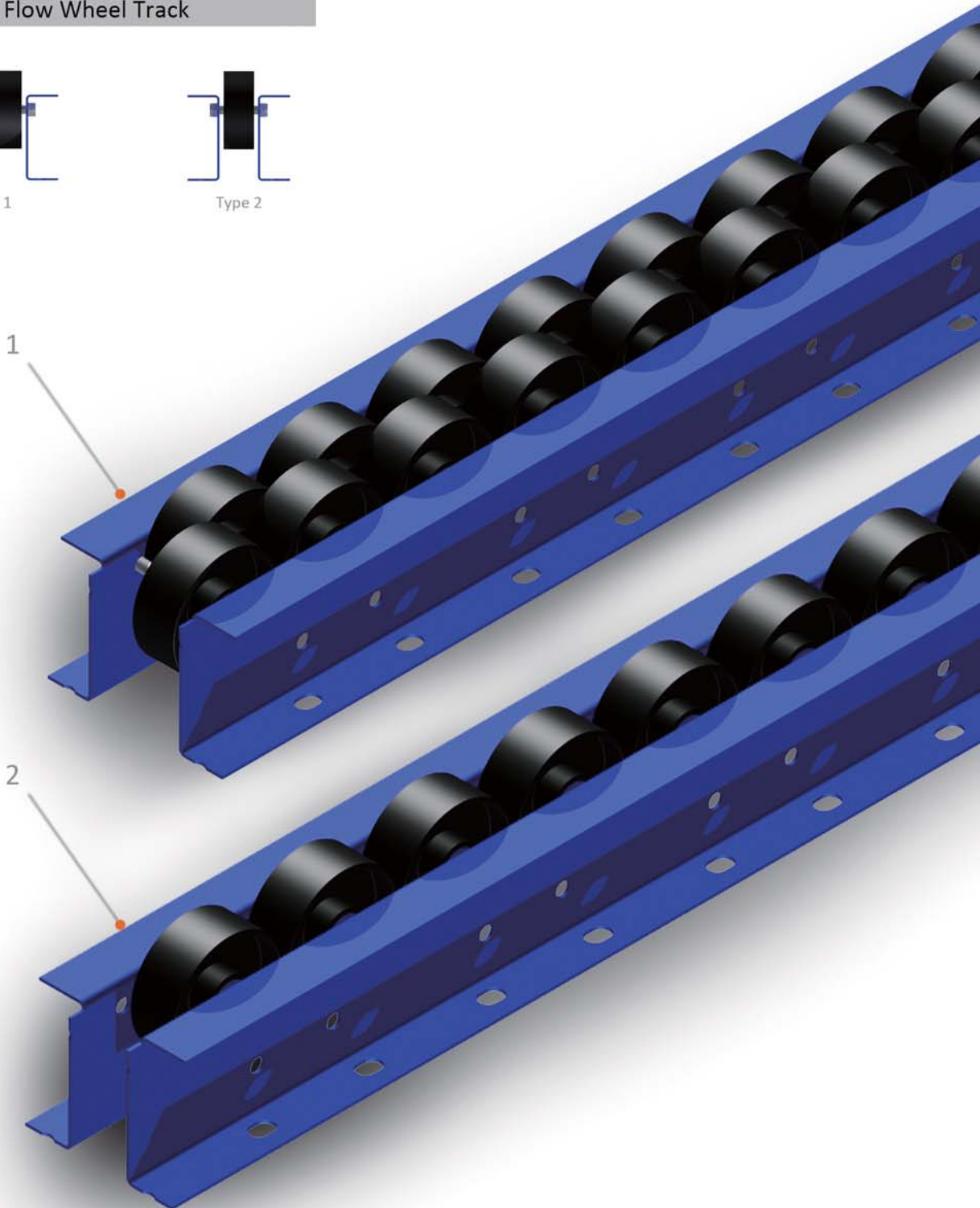


Pallet Flow Wheel Track



1 Type 1

2 Type 2

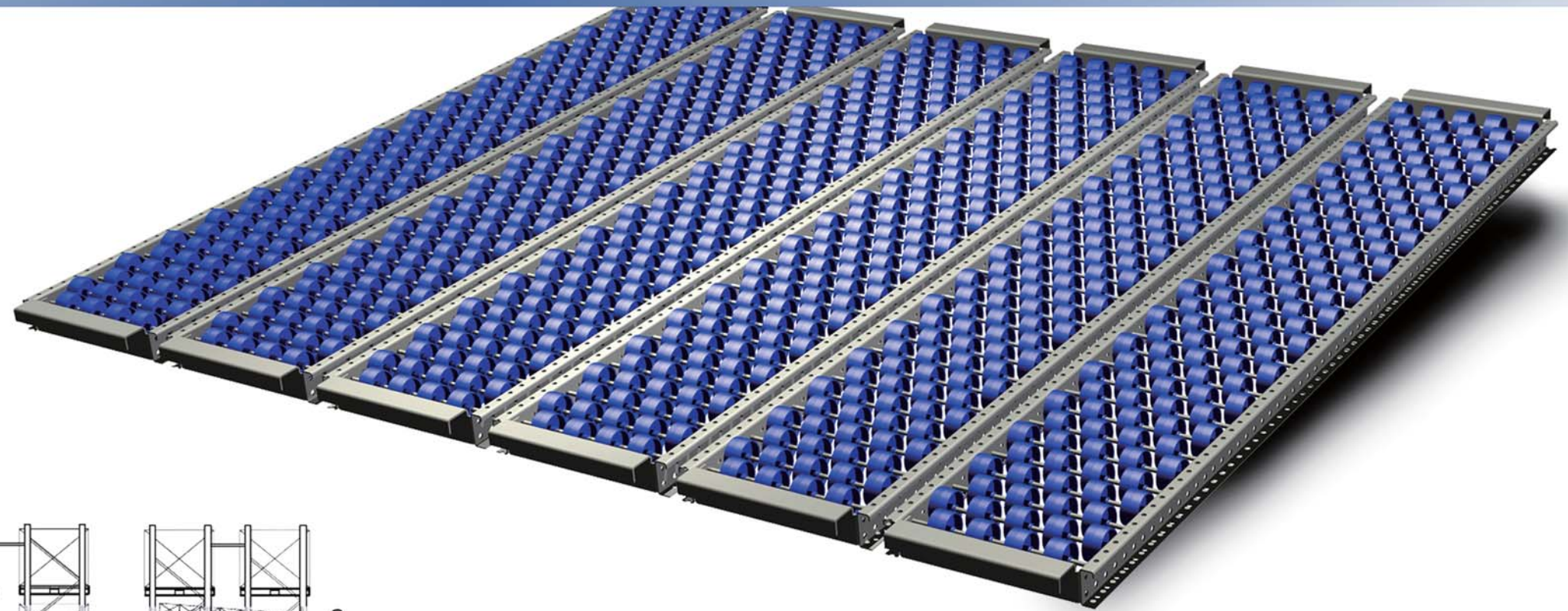
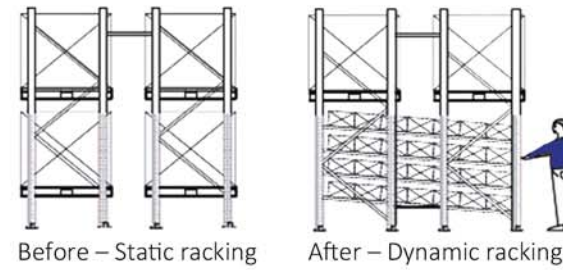
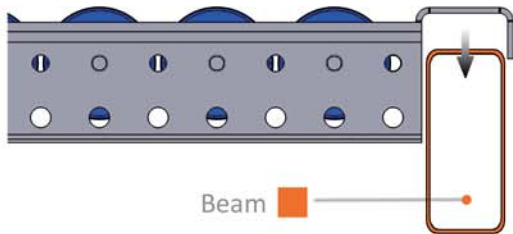


Free Wheel Bed for carton storage

i Features

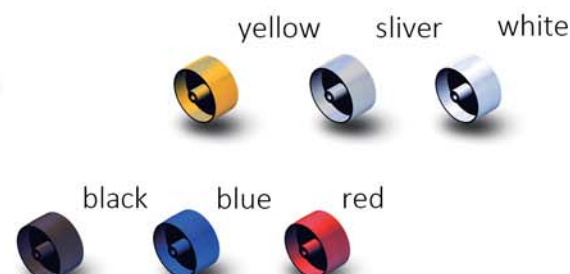
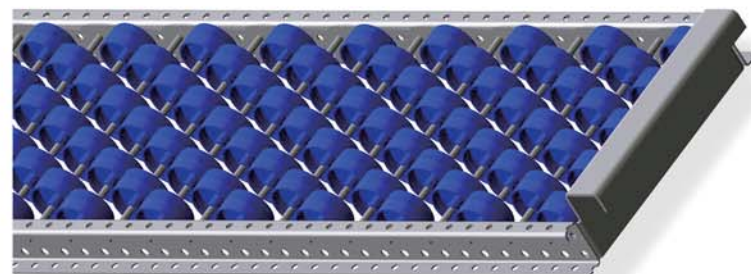
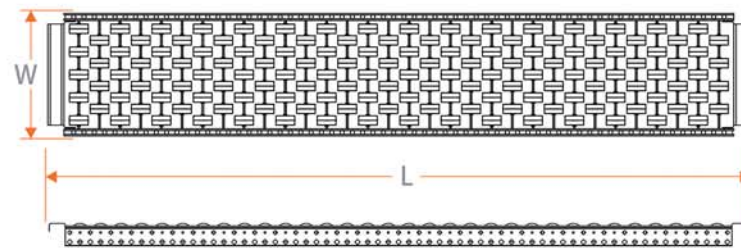
- Light Weight
- Robust design
- Drop-in type, no installation
- Flexible adjustment
- Maximize storage capacity
- Special size available
- Load capacity: 50lbs per linear foot

Simple drop-in type
Hook onto existing pallet racking beam



Free wheel Bed

W (mm)	L (mm)	Code
300	4'(1219mm)	CFW-300-1219
300	8'(2438mm)	CFW-300-2438
450	4'(1219mm)	CFW-450-1219
450	8'(2438mm)	CFW-450-2438

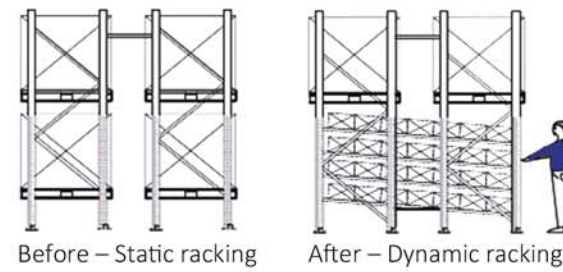
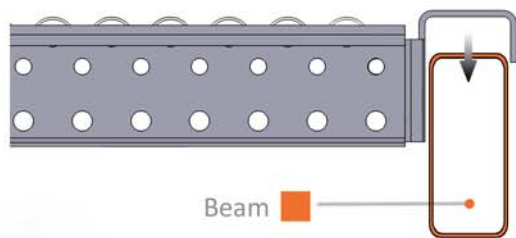


Plastic Roller Bed for carton storage

i Features

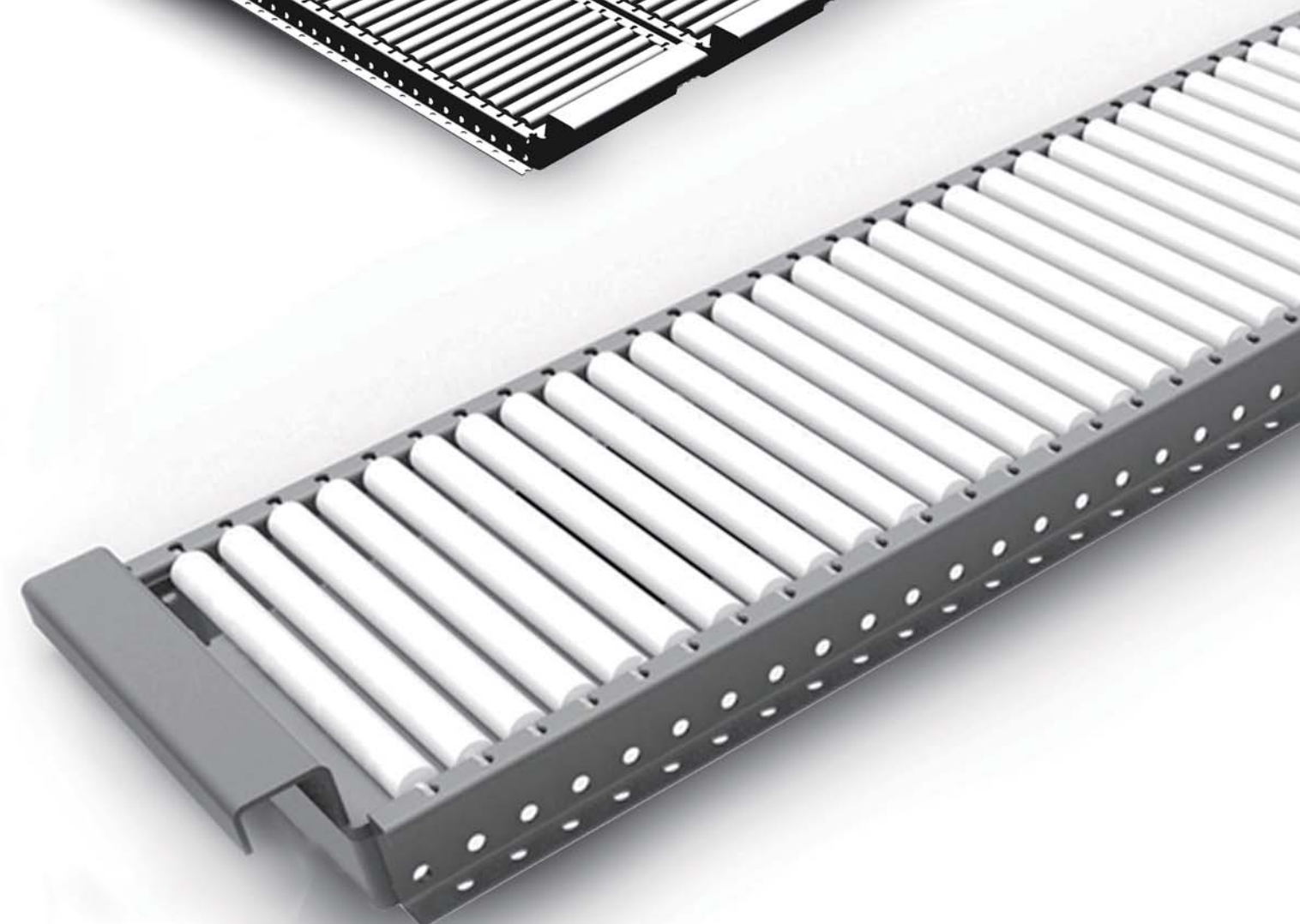
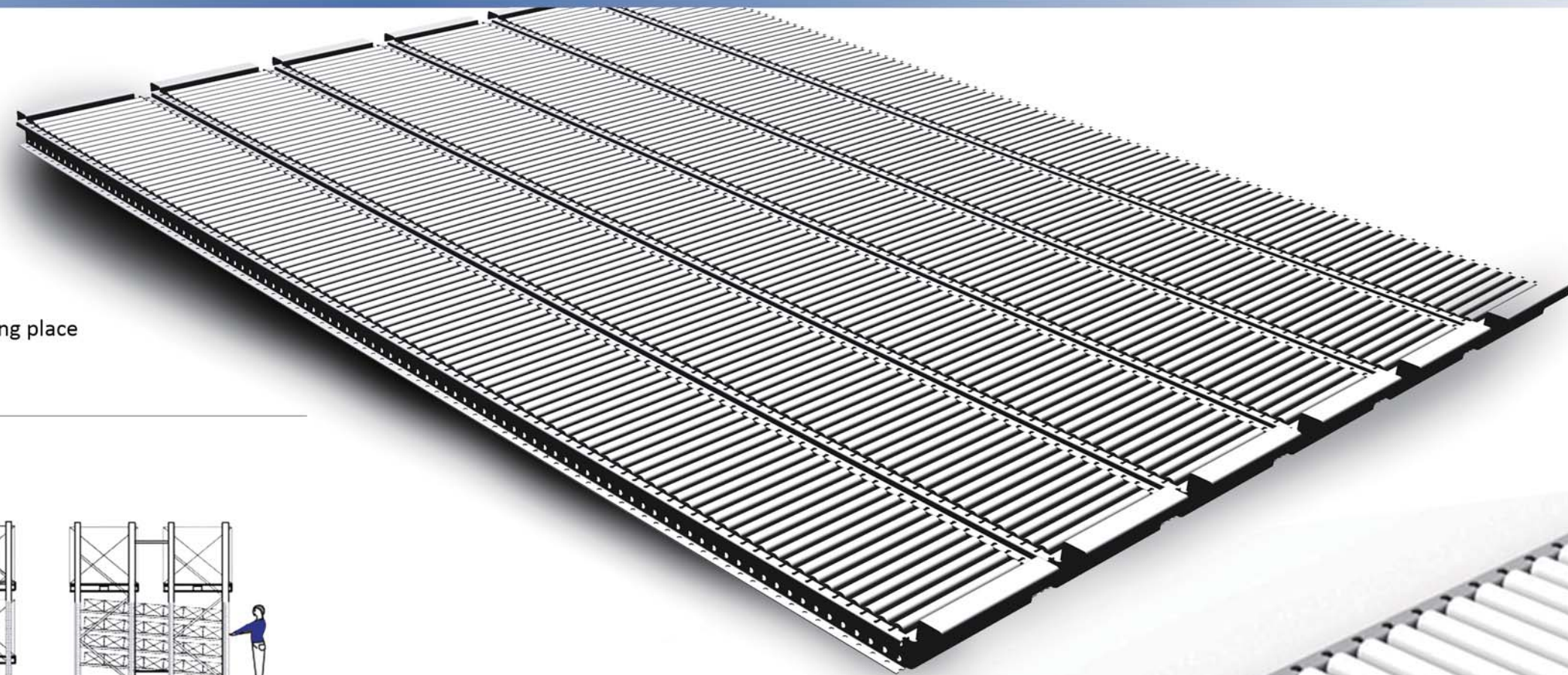
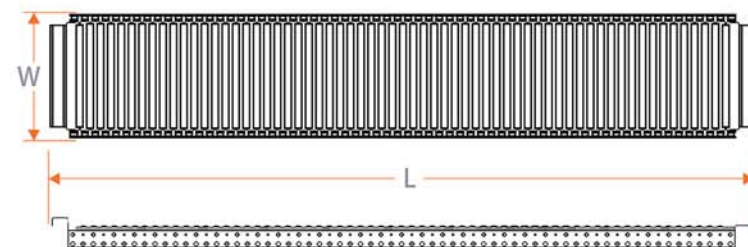
- Dropped fit into new or existing pallet rack
- No shelves or intermediate support required
- Rollers provide total carton support from load point to pick
- Fast handling and picking: goods are always available at the picking place
- Economical to purchase and very low maintenance

Simple drop-in type
Hook onto existing pallet racking beam



Plastic Roller Bed

W (mm)	L (mm)	Code
250	4'(1219mm)	CFR-250-1219
250	8'(2438mm)	CFR-250-2438
300	4'(1219mm)	CFR-300-1219
300	8'(2438mm)	CFR-300-2438

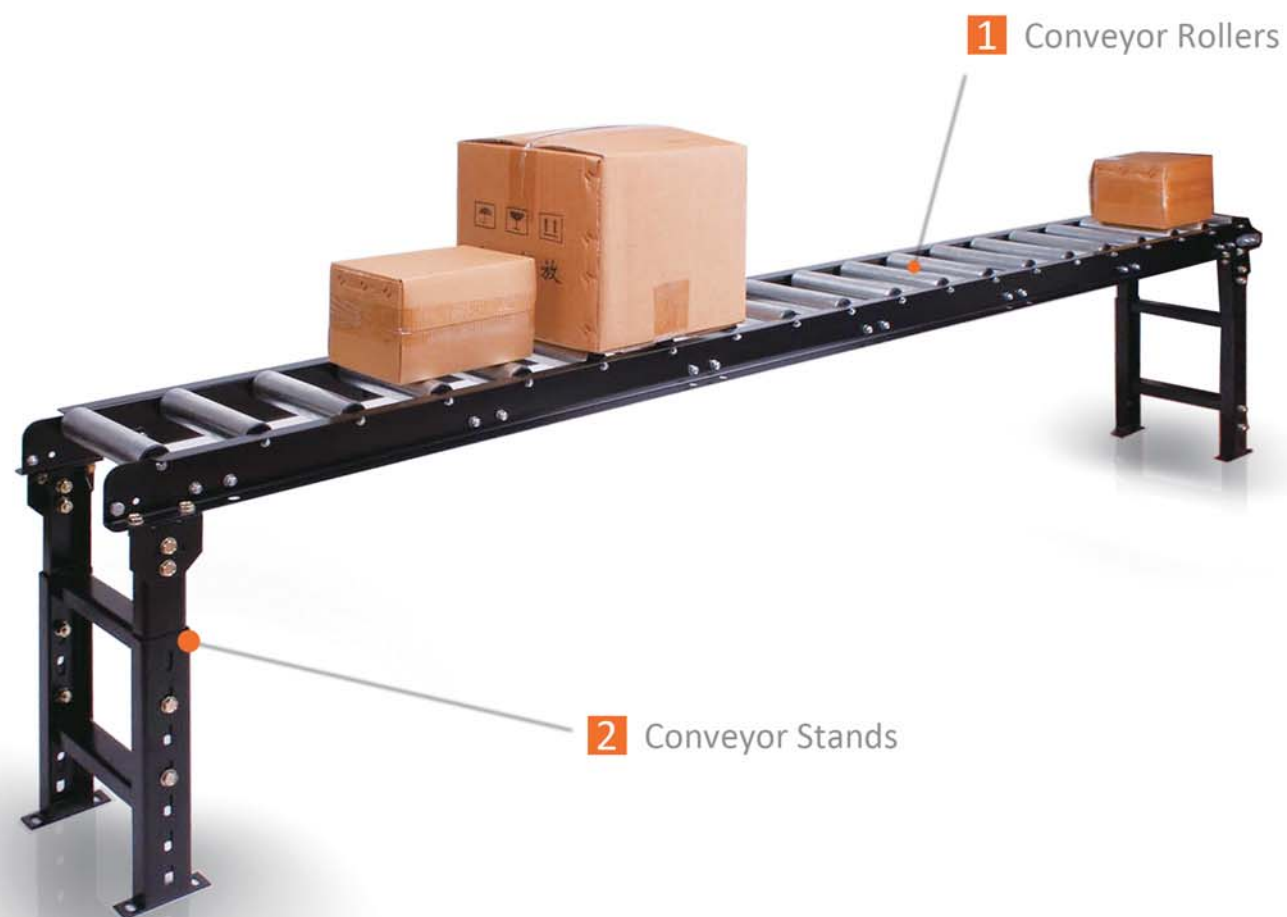


Gravity Roller Conveyor

adjustable stand available

i Features

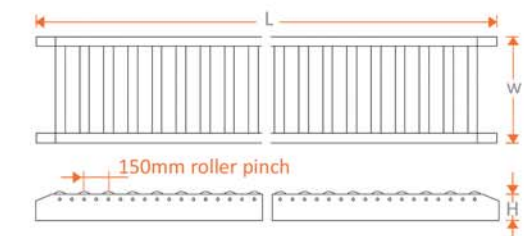
- Including 20x zinc plated steel roller with 150mm pitch
- Frame are pre-drilled at 75mm pitch to accept optional roller total to 39 rollers
- Roller with presion bearings
- Bearing loading rating 70kg each
- Frames and stands are coated
- Length are pre-assembled with cross-members



▲ Roller conveyor: come with 20 rollers

Roller conveyor: come with 20 rollers

Frame width (W) mm	Length (L) mm	Height (H) mm	Rollers Dia. mm	Code
290	3000 / 1500	80	48.3	RCB290
450	3000 / 1500	80		RCB450
600	3000 / 1500	80		RCB600



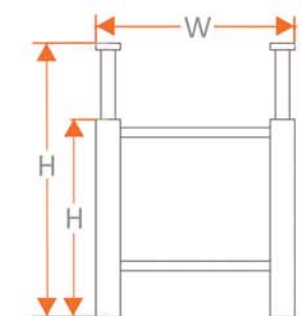
1 Extral Conveyor Rollers

Frame Width (W) mm	(L) mm	(L1) mm	(D) mm	Code
290	260	230	48.3	RCB290R
450	410	380	48.3	RCB450R
600	560	530	48.3	RCB600R



2 Conveyor Stands

Frame width (W) mm	Height adj (H) mm	Code
290	505 - 800	RCS290L
290	715 - 1050	RCS290H
450	505 - 800	RCS450L
450	715 - 1050	RCS450H
600	505 - 800	RCS600L



Expandable Conveyor

i Features

- Standard Length Compacted to Expanded: 1m to 3.8m 450mm and 600mm standard conveyor widths.
- Fitted with heavy duty castors for maximum strength and robust mobility.
- Conveyors are self tracking. Cartons follow the twists and turns of the conveyor path without using engineered curves.
- Package Stops prevent goods from falling off the end of the conveyor.
- Standard fully extended conveyor roller centres can be adjusted for small parts by using limit plates but these do shorten the expanded lengths.

Width (mm)	Type	Code
450	Heavy duty, with POM skatewheel	EC18WP49
	Light duty, with POM skatewheel	EC18WP49-L
	Heavy duty, with zinc plated steel roller	EC18RL
600	Heavy duty, with POM skatewheel	EC24WP49
	Light duty, with POM skatewheel	EC24WP49-L
	Heavy duty, with zinc plated steel roller	EC24RL



▲ Expandable skatewheel conveyor

Expandable roller conveyor ▼

