

Your Floor-Mounted Pallet Flow Needs Your Support

Securing floor-mounted pallet flow lanes at the proper pitch takes a bit of science, but never worry, Mallard's custom-designed supports do the hard work.

Mallard supports ensure the desired load capacity and pitch for your custom pallet flow application, and are compatible with our Magnum wheel, steel skate wheel, and roller flow rail products.

Advantages:

- Lower profile than rack-mounted pallet flow
- Bonus pallet flow lane below pallet rack for case pick
- Enable cleaning below pallet flow lanes
- Less bulky than pallet rack-mounted options
- Support options can be combined for a cost-effective solution
- Easy to install

Specifications:

- Hat channel - pre-galvanized, 8-gauge steel. Avail in a range of sizes -- max height 14"
- Tube supports -
 - » Powder-coated for rust resistance
 - » End caps (included) keep out dust & debris and smooth edges to prevent worker injuries
- C-Channel - allows direct mount to channel at load or extraction sides

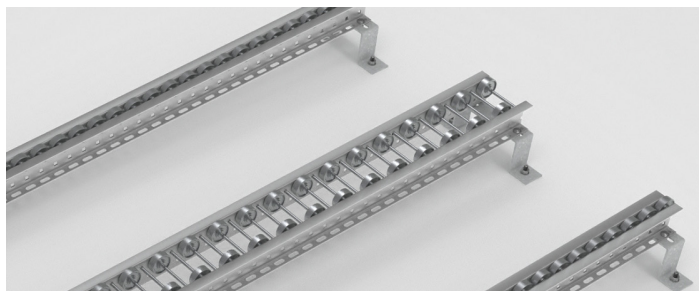
A Perfect Fit for Your Floor-Mounted Pallet Flow

Floor support styles can often be mixed and matched to obtain the pitch and structure you need at the lowest cost. Ask your Mallard representative for design support to customize your solution.

Pre-Assembled Supports

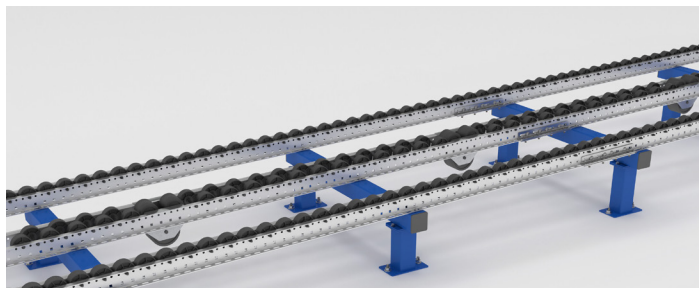
Hat Channel Supports

Hat channel supports are recommended for shallow-depth (2- to 3-deep) and pick module lanes. The low profile of the Hat channel also makes it a go-to support at the extraction end of the lane. Hat channels should not be used with pallet separators. They can be used in middle positions with structural support at the load side and floor mount at the lane end.



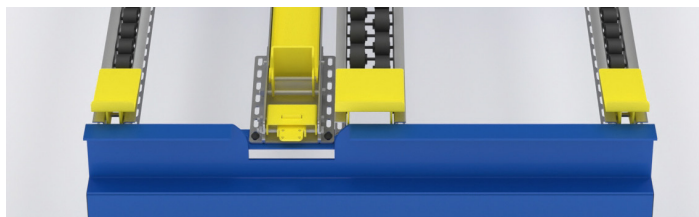
Tube Supports

Steel tube supports are best for heavy-duty, deep-lane applications such as loading zones, where designs also include pallet separators, entry guides, and accessories that add weight to the lane. When installing a pallet separator with a release latch, you can notch a channel beam and attach it to tube support to create a durable station.



C-Channel Supports

Rails can be mounted directly to C-Channel at the load and extraction ends. C-channel can also be mounted to tube supports (pictured right) for extra height and where the channel needs to be notched to accommodate the release mechanism for a Case-Pick or Flex separator.



Combo Options

Reduce the cost of your flow rack system without compromising functionality by combining support options. For example, try C-channel at the entry side and hat channel or tube as the middle supports (C-channel to hat pictured right).





Knock-Down Supports

Recommended for large orders to maximize truck space and minimize freight costs. Knock-down supports are easy to assemble on-site, requiring minimal tools and hardware. The supports come in two styles.

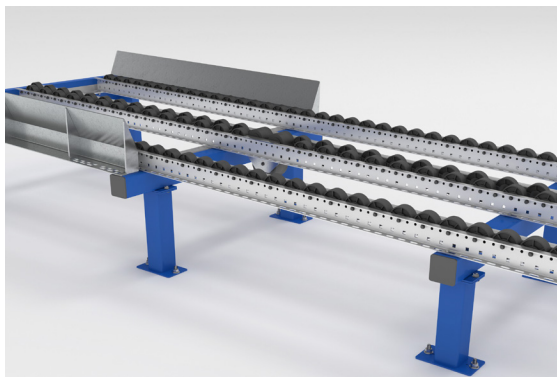
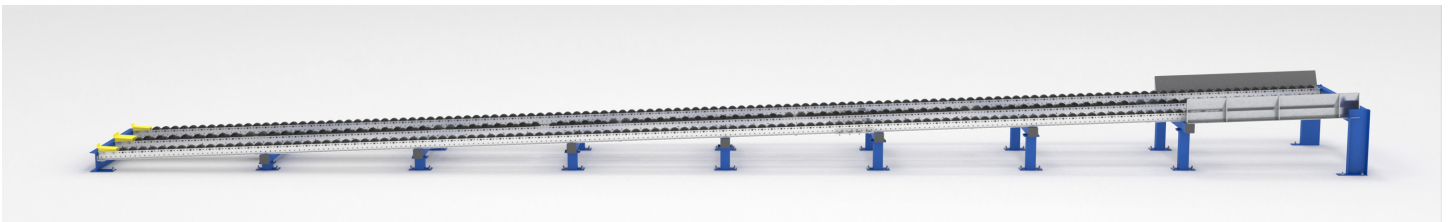


Tube Support



Structural Support

- **Structural** – Rugged supports designed to give strength and stability to the pallet flow rack and resist forklift damage. They are used on the charge (load) side of the lane in all cases except where automated guided vehicles (AGVs) or laser-guided vehicles (LGVs) load the pallets. Each support is constructed by attaching two leg pieces.
- **Tube** - Open tube supports are lighter weight and acceptable as intermediate pallet flow supports. They can be used on the end (discharge) position in forklift-loaded pallet flow rack and where case pick or flex separators are installed. If you are accessing your pallet flow rack with AGV or LGV trucks, you can use tube supports throughout the pallet flow lane. Tube supports are fastened to two legs and completed with ease to pop on end caps on both sides.

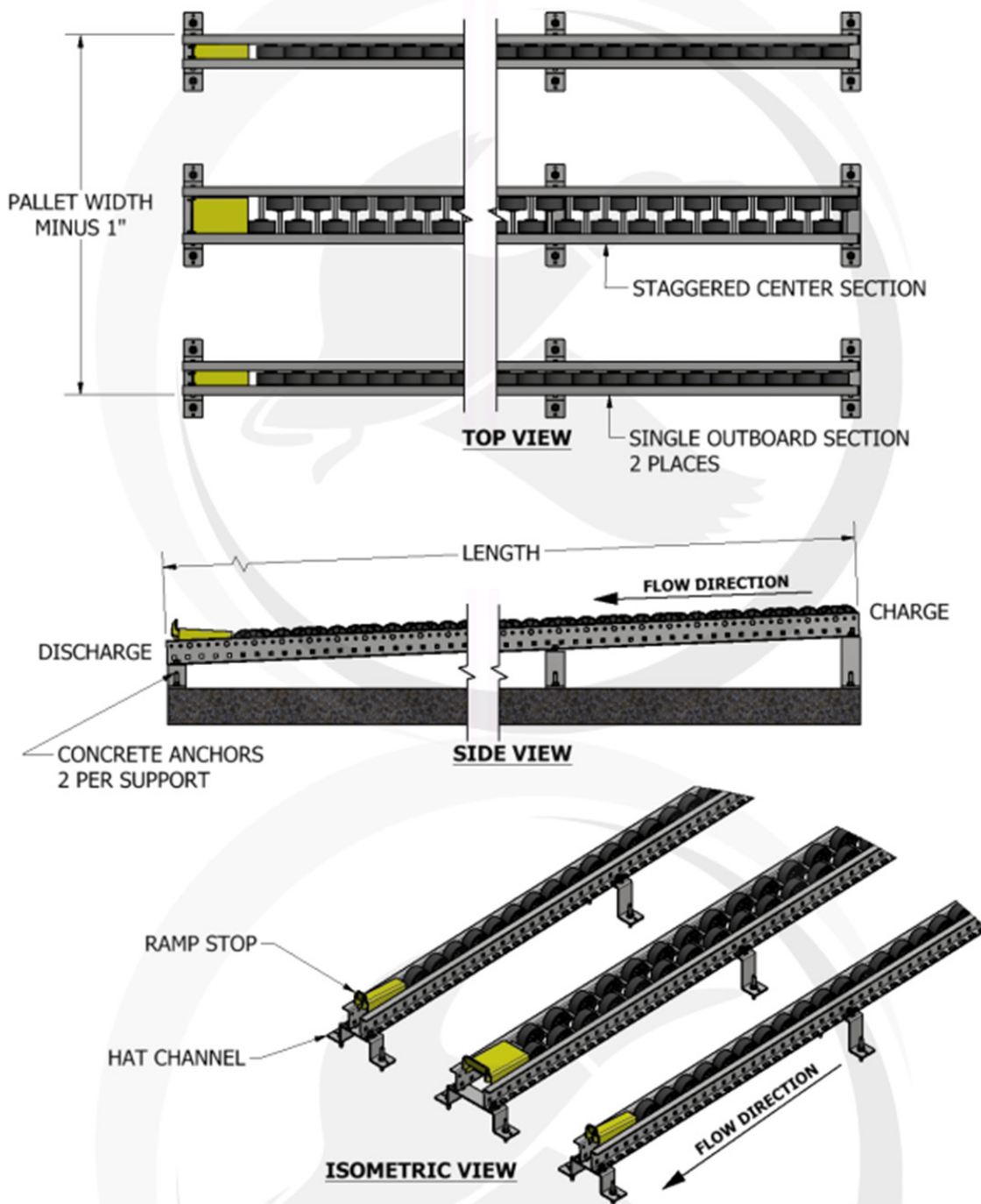


Structural supports on load and extraction ends with knock-down tube supports in between.

Contact your Mallard sales representative for design ideas and a quote. Visit mallardmfg.com for more information on our economical and dependable gravity flow products.

Mounting Guidelines

Below are general mounting guidelines. Be sure to consult your system installation drawings for precise details for your application.





Welded Tube Supports

