

KD SHELF

Assembly Instructions

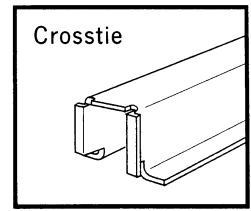
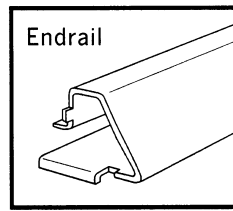
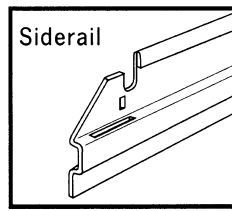
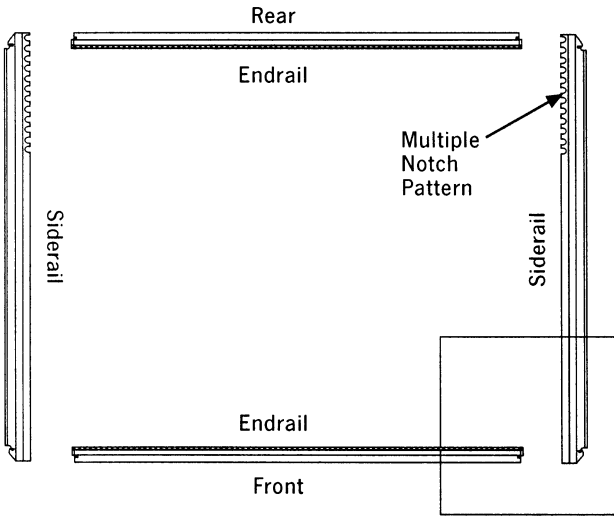
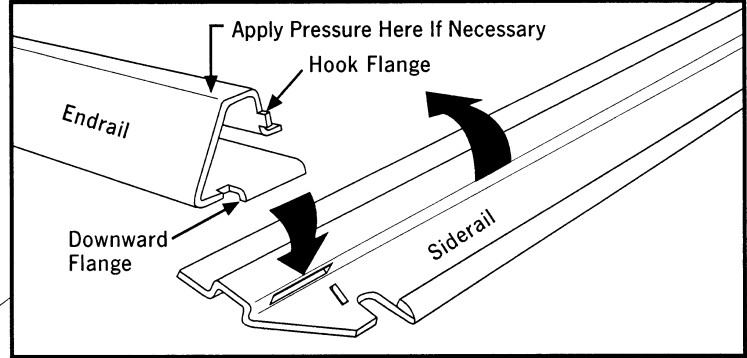


Figure 1

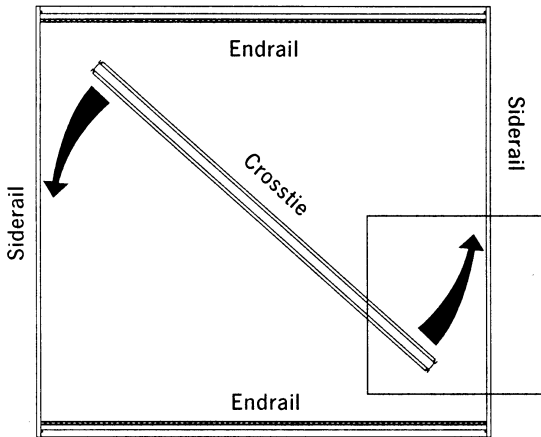


Detail 1

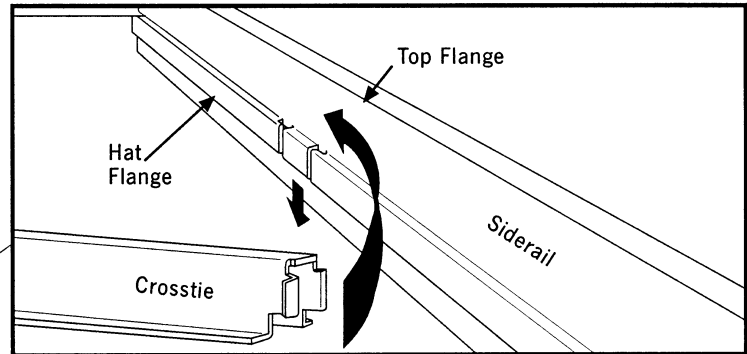


Place endrails and siderails out as shown in Figure 1. Take a siderail and engage downward flange of both endrails into slots as shown in Detail 1. Rotate the siderail so that the hook flanges engage corresponding slots in siderail. It may be necessary to squeeze or apply pressure to the top of the endrail to engage the hook in the slot. Repeat for other siderail.

Figure 2

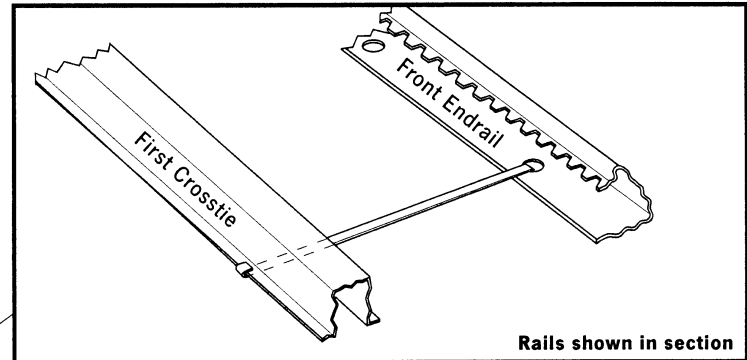


Detail 2



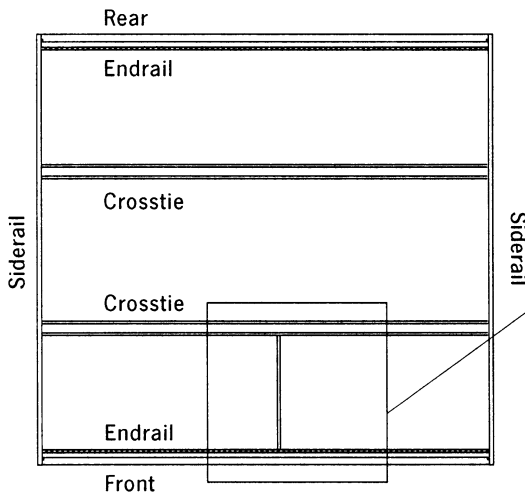
Place crosstie between assembled rails as shown in Figure 2. Rotate the crosstie so it is between the top flange and hat flange of the siderails as shown in Detail 2. Engage crosstie into the slots in hat flange of both siderails, and drop into place. Repeat for each additional crosstie location except first (front) crosstie if tiestrap is to be used.

Detail 3 - Tiestrap Installation (if included)



Tiestrap is attached from the front endrail (the front end of the shelf has no multiple notch pattern, see Figure 1) to the nearest crosstie. Hook one end of the tie in the centermost hole in the bottom of the front endrail. Tie hooks from top end of hole. Hook other end of the tie under the first crosstie and around the rear flange of the crosstie (before dropping first crosstie into place). Engage first crosstie into the slots in the hat flange of both siderails, and drop into place. This will take up slack in tiestrap for proper fit.

Finished Assembly

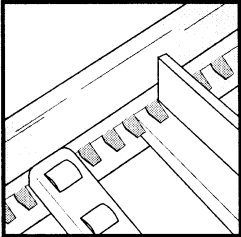




RollaTrak and Guide Rail Installation

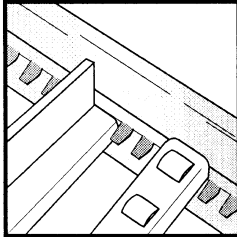
QuikPik RollaTrak and guides are held in position by horizontal teeth on the front and rear rails, allowing for 1/2" horizontal adjustability when setting the flow lanes. No guide rail is required at the outer edges of the shelf.

Figure 3



At the rear of the shelf, **guide rails lock** into place by slipping the shoulder **beneath the teeth**, while the vertical guide surface passes between the teeth (Figure 3).

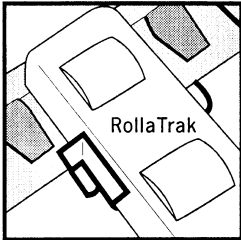
Figure 4



In the front of the shelf, the **guide rests** with the shoulder **on top of the teeth** (Figure 4).

At front and rear, **RollaTrak** is installed with the shoulder **resting on top of the teeth** as shown in Figures 3 and 4.

Figure 5



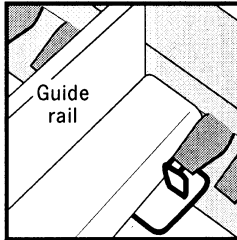
Installing Plastic Locking Clips

Plastic locking clips are required at the front of the guide rail for some heavy duty shelves and shelves over 120" long. These dual purpose clips slide onto the bottom of the RollaTrak and guide, and can be easily slipped in and out of locking position.

With RollaTrak, slide the clip onto the track with the tongue **toward the toothed rail**, sliding the clip forward until the tongue slips beneath the bottom edge of the rail (Figure 5).

With guide rail, attach the clip to the front of the guide with the tongue pointing **away from the toothed rail**, sliding the clip forward between the teeth and the bottom support ledge of the rail (Figure 6). Take care not to push the clip too far forward or it will disengage from the guide rail.

Figure 6

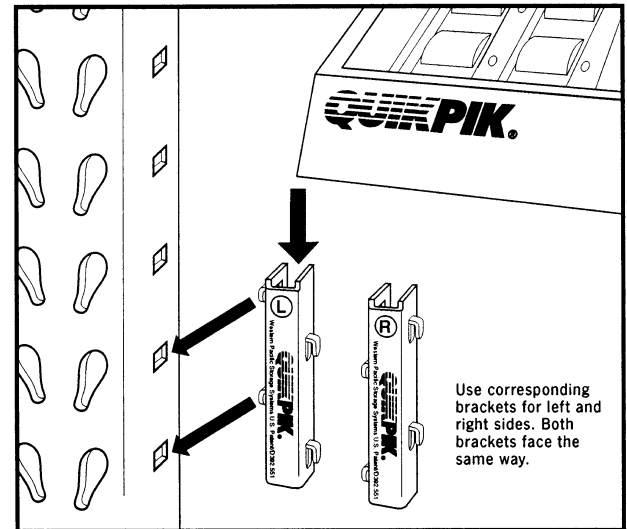


Installation guidelines

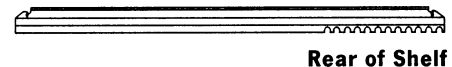
- Minimum runway width equals box widths plus 1", rounded to the next largest 1/2". For boxes over 18" wide and/or weighing more than 30 lbs, an additional 1" lane width is recommended.
- Locate RollaTrak pieces within 2'-3" of the guide rails and siderails. To ensure proper flow, all RollaTrak pieces and guides must be parallel. No guide rail is required at the outer edges of the shelf.
- Boxes over 18" wide may benefit from additional RollaTrak pieces supporting their centers. Add 1 additional RollaTrak per each 8" in width over 18". Very soft-bottomed boxes also benefit from additional RollaTrak pieces.

Installing QuikPik Shelves in Pallet Rack

Detail 4



- Remove pallet rack beams to provide a minimum of 6' vertical clear distance. Note that the upright capacity may be reduced when removing the bottom level of beams. Consult pallet rack manufacturer for new capacity of upright frame assembly.
- Identify the front and rear of the shelf by the notch pattern at the rear of the siderails.



Rear of Shelf

- Shelves should be spaced 7" more than box height from the top of one shelf to the top of the next.
 - Place the universal hanger bracket into the holes in the side of the pallet rack posts. Note that the brackets on the left side are opposite from the brackets on the right (indicated by ® or Ⓛ)*. To obtain 1" adjustability, reverse the direction of the brackets from facing forward to facing the rear (Figure 1). To obtain the proper pitch, allow 1" of rise per 1' of depth from front to rear. For example, an 8' deep shelf should be sloped approximately 8". This is a rule of thumb; you may need to make adjustments once the RollaTrak is installed and flowability is tested.
 - Place the top shelf into its universal hanger brackets first, and test the pitch by running a test carton or tote.
 - Shelves over 6' deep require three hanger brackets per side. The middle hanger bracket should be placed on either of the two center upright posts, whichever allows the bracket to be closest to the shelf. It is not necessary for the shelf to rest securely in this middle bracket.
 - Place all shelves in the same manner.
- * Note that the Ⓛ bracket may or may not be marked.



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