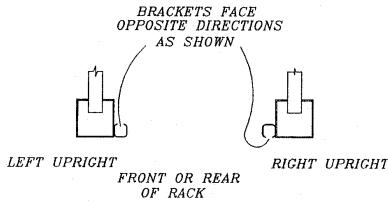
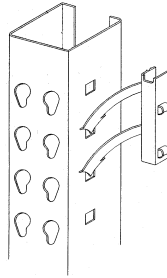


Place the universal hanger brackets

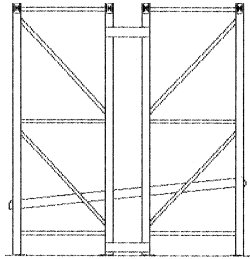
Place the universal hanger bracket into the holes in the side of the pallet rack posts for the top shelf locations.

Note that the brackets on the left side face the opposite direction from the brackets on the right side.



To obtain 1" adjustability, reverse the direction of the bracket from facing forward to facing the rear.

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. The minimum slope is 5 degrees.



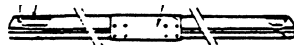
Assemble the Shelves

On a flat surface, place the shelf pieces end to end with the holes in the siderails facing each other.



Attach the splice channel but do not tighten the bolts yet.

Place four pieces of guide rail into the shelf at intervals from right to left, with the guide **under** the teeth of the rear toothrail and over the teeth at the front (see next section). Bring the front and rear shelf sections together until the guide rail fits securely, being sure not to make the guide bow (too tight) or slide (too loose).



Confirm that the ends are level and straight. Tighten the bolts.

Place the Shelves

Identify the front and rear of the shelf by the notch pattern at the rear of the siderails.



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 fit securely in this middle bracket.

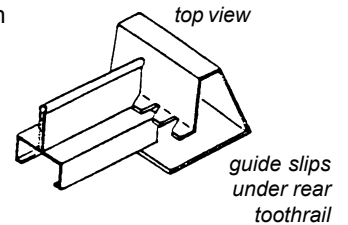
Place all shelves in the same manner.

Install the Guide Rails

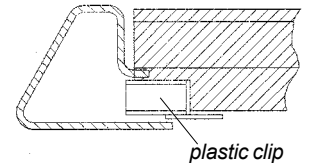
Determine the number of lanes the shelf will have, and divide that number into the shelf width (eg 5 lanes in a 96" wide shelf = $96/5 = 19.2$ " average lane width).

With one installer at the front and one at the rear using tape measures, place a guide rail at approximately the average width of each lane from left to right.

Place the guide rail **under** the teeth in the rear, and allow it to drop **over** the teeth in the front.

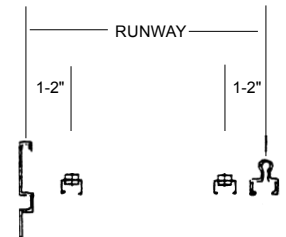


Shelves over 6' deep require plastic clips to prevent the guide rails from popping up in the front. Snap the clip on to the guide rail near the front of the shelf. Pull the clip forward until it is locked securely **under** the front rail. Note the proper orientation of the clip toward the endrail; it is opposite that of the clip when used on RollaTrak.

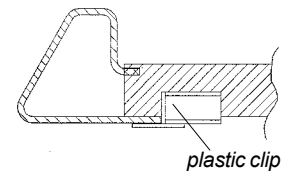


Install the Rolla-Trak

With one installer at the front and one at the rear place the first RollaTrak **two teeth** in from the siderail, laying the RollaTrak **over** the teeth in both front and rear. If the application calls for three RollaTrak per lane, place the third piece of RollaTrak in the center of the lane.



Shelves over 10' deep require plastic clips on both front and rear of the RollaTrak. Snap the clip on the bottom of the RollaTrak close to each end. Slide the clip under the endrail until secure. Note the proper orientation of the clip toward the endrail; it is opposite that of the clip when used on the guide rail.



Call 800-888-5707 or 800-732-9777 for our Engineering support team

Things to Watch For...

- Are all shelves straight, level and square and the bolts securely tightened?
- Are all shelves adjusted to the correct depth and does the RollaTrak fit in securely?
- Are all lanes wide enough to allow 1/2" between product and each guide or siderail (product width + 1" = center-to-center of guide rails)?

Troubleshooting

Product won't flow

- check lane width
- make sure RollaTrak and guide are straight
- check pitch: to assure proper minimum slope, increase the pitch by raising rear brackets until flow is achieved.

Product flows but stops midway down shelf

- make sure no sag exists at splice channel
- check pitch, adjust if necessary

- make sure RollaTrak and guide are straight
- adjust lane width, if necessary, to prevent product from rubbing against guide rail

Product won't flow after front item is removed

- adjust lane width, if necessary, to prevent product from rubbing against guide rail
- check pitch, adjust if necessary, to a minimum of 5 degrees based on 1" of slope per foot of depth
- make sure RollaTrak and guide are straight
- If product is heavier than 25# per square foot, proper flow can be achieved by adding RollaTrak so that each lane has 3-4 pieces

Items hit front rail and fall over or off the shelf

- lower pitch until flow is achieved without excess speed

It's hard to reach into the box for split case picking

- adjust the shelf forward in the bay by lifting the rear of the shelf out of the hanger brackets and moving the shelf forward one notch

