

How to Install Gravity Skatewheel/Roller Conveyor With Tripod Stands

1. Check to make sure you have all the components and tools you will need for installation.
 - a. Conveyors
 - b. Supports
 - c. Tools

2. Set your support heights (TOS) to reflect the Top of Roller (TOR) that you require.
TOS = TOR – 1.7" (when using a 2-1/2" frame)

Example: You are using an Ashland Conveyor Products 2-1/2" frame with either 1-3/8" rollers or standard skatewheels, and you want your TOR to be = 35". Your TOS = 35-1.7, or TOS = 33.3"

You will need to slope your conveyor run to allow your product to move smoothly down the line. Slopes will vary depending on what product you are moving; use the chart to the side as a guide. After your slope is determined, use the TOS calculation to set the remainder of your supports to the correct heights.

Example: You have a starting TOS of 33.3" and you will be moving a 10 lb tote over 20'. Your required slope is 5" drop per 10'. The TOS of your second and third supports should be set at 28.3" and 23.3".

*These calculations and charts are a guide, a field test should be completed to assure proper flow.

3. Set your first support in place, and lift a section of conveyor into place laying the cross brace underneath the conveyor on top of the T-bar on the support. The unit just rests in place and is not intended for heavy duty or permanent set-up.
4. Repeat step 3 with the remaining supports.
5. Install any accessories at this point. Ie. Guard rail or end stops
6. Check the flow of product down the conveyor. Make any necessary adjustments to get the desired flow.

Item	Weight (Lbs.)	Slope Required To Start And Move Product	
		Inches/Foot	Inches/10'
Firm Cartons	5	7/8"	9"
	10	3/4"	7-1/2"
	50	1/2"	5"
	100	3/8"	3-3/4"
Steel Drums	150	3/8"	3-3/4"
	300	1/4"	2-1/2"
Tote	10	1/2"	5"
	25	3/8"	3-3/4"
	50	5/16"	3-1/8"
	100	1/4"	2-1/2"
Pallet With Runners	50	1/2"	5"
	100	7/16"	4-3/8"
	250	3/8"	3-3/4"
	500	5/16"	3-1/8"



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