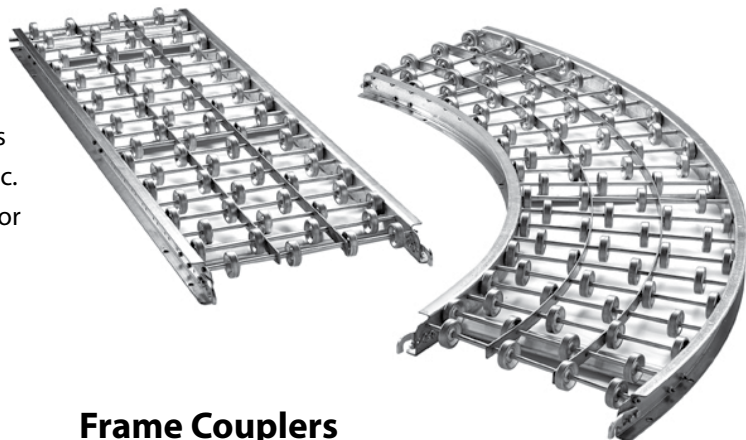


Ashland Conveyor Product's gravity skatewheel conveyors are available in many size and configurations as shown on the following pages. There are many factors to consider when selecting a skatewheel conveyor. The following is intended to aid in the selection process.

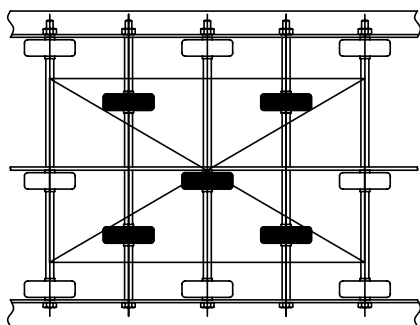
Load Type

Gravity skatewheel conveyor will convey lightweight loads that have firm flat bottoms such as cartons, totes, cases, etc. Skatewheel conveyor "rolls" more easily than roller conveyor allowing for lighter packages and less slope. Also the individual wheels in the curve sections allow packages to track more so than roller conveyor.



Wheel Density

Wheel density is described as wheels per foot. There must be a minimum of three axles and five wheels under the load at all times.

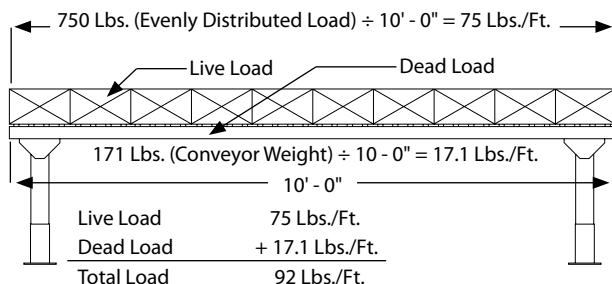


Wheel Capacity

Wheel capacities are available at 75 and 100 lbs. in zinc plated steel, 75 lbs. in aluminum and 75 lbs. in plastic. The wheel density must provide enough wheels under the load so that the total wheel capacity exceeds the maximum load.

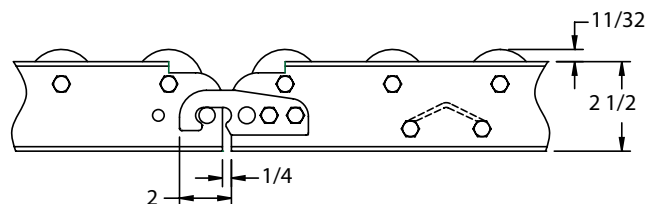
Frame Capacity

The frame must be capable of supporting both the conveyed items and the skatewheel conveyor. Frame capacities are provided for 5 foot and 10 foot support centers. Applications that exceed these frame capacities may require additional supports.



Frame Couplers

Standard couplers for skatewheel conveyor are hook and rod. Hook and rod couplers allow for quick set-up. Butt couplings are available upon request.



Curves

Often curves will determine the width of the conveyor system, as the product requires additional space to negotiate the turn. This additional space depends upon the length and width of the product.

Refer to the following table:

Skatewheel Curve Width
(Based on full inside frame coverage)

Load Width	Load Length											
	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"
8"	12" OAW											
10"	12" OAW											
12"	18" OAW											
14"	18" OAW											
16"	24" OAW											
18"	24" OAW											
20"	24" OAW											

Floor Supports

Both the weight of the conveyed items and the conveyor must be considered when selecting floor supports. The nominal height of the support is to the bottom of the conveyor frame. Either H-stand supports or tripods (temporary set-up) may be selected.