

PRODUCT SALES BULLETIN

SUBJECT: Location of Anti-Runaway Device P/N 20206 on Unibilt® Power Only and Power & Free Vertical Decline.

The Unibilt® Anti-Runaway Device is used as a precaution against possible chain breakage and **should only be located within the straight portion of a vertical decline section** of the power only track. Shown on page 2 are two examples of placement for the anti-runaways.

The reasons why Anti-Runaway Devices should not be located within the curved sections are as follows:

- Upper Curve:
In Power and Free systems, as carriers travel past the upper vertical curve, sometimes the weight of the carrier overcomes the tension on the conveyor chain, resulting in a speed surge, thus causing the front trolley to falsely trip the Anti-Runaway Device.
In Power Only systems, as chain travels through the upper vertical curve, sometimes the weight of the carrier overcomes the tension of the chain, resulting in speed surge, thus causing the chain to falsely trip the Anti-Runaway Device.
To avoid this from happening in both the Power & Free and Power Only systems, the Anti-Runaway Device is located from the lower tangent point of the upper vertical curve at a distance approximately the length of one carrier. This ensures that the carrier has already experienced the speed surge before it reaches the Anti-Runaway Device.
- Lower Curve:
When cutouts are added to the top of the track in the lower vertical curve, the chain has a tendency to ride up into the cutout, thus resulting in a false trip of the Anti-Runaway Device, also excessive noise and wear and tear of the conveyor system is inevitable.

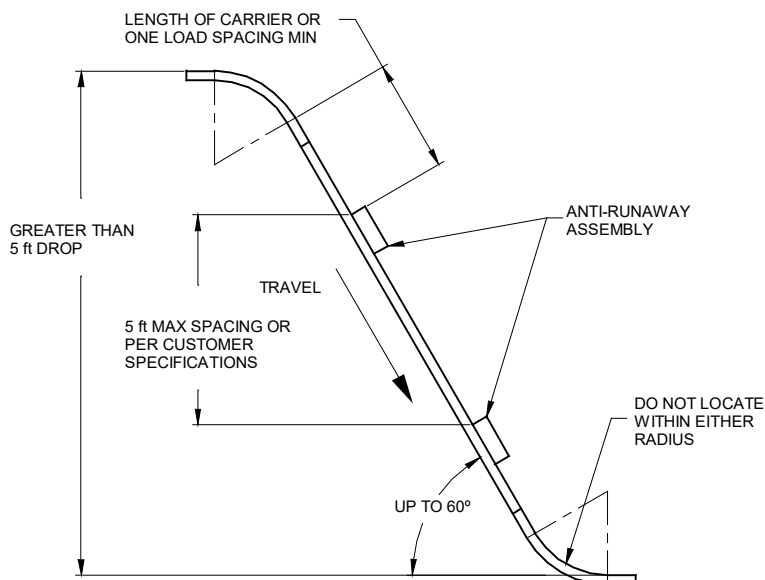
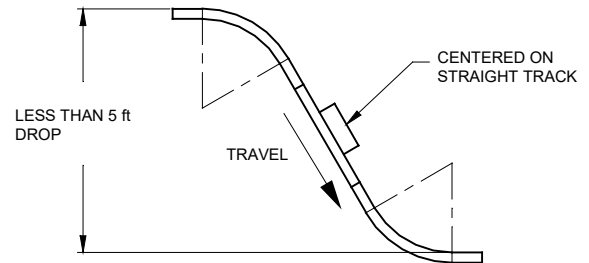
Anti-Runaway Devices are located at a maximum of five-foot intervals in vertical drops or as required per customer specifications. It is also recommended that when using anti-runaway devices on the vertical decline sections, that Anti-Backup Devices part number 9012 should be used in the vertical incline section in the same manner as anti-runaways devices.

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Recommended placement examples for Anti-Runaways:



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