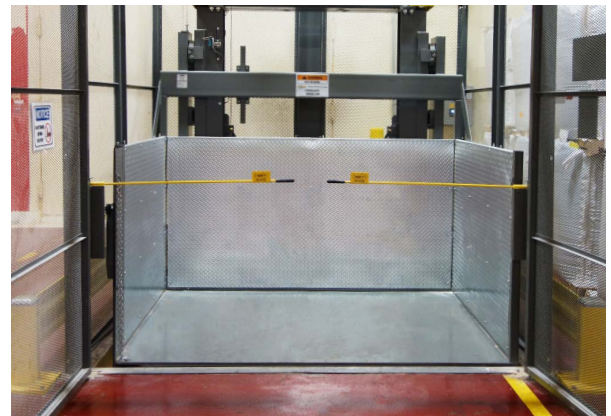


DECKSTOP™ CARRIAGE LOCKING DEVICE (MANUAL SYSTEM)

Wildeck's optional DeckStop™ system is available for Wildeck VRCs (Vertical Reciprocating Conveyors), providing an extra level of safety for operators and facility personnel during the VRC loading/unloading process. In addition to Wildeck's standard broken chain free-fall safety system, this supplemental carriage locking device adds heavy steel locks to each VRC column to prevent the accidental descent of a raised carriage.

Highlights

- Simple, reliable push-pull cable system
- Locking arms provide secondary visual barrier
- Can be retrofit to existing Wildeck® VRCs
- Exceeds ASNI/ASMI B20.1 Safety Standard for Conveyors



HOW IT WORKS

1. After the VRC carriage arrives at the landing, personnel open the landing gate/door and lift-up on the locking arms.
2. With both locking arms in the vertical position, the locking cams (mounted to the guide columns) extend into locked position.
3. Sensors mounted to each locking cam assembly detect the cams in the extended position, disabling the VRC controls.
4. Once the carriage is loaded/unloaded, personnel lower both locking arms into their horizontal position.
5. With both locking arms in the horizontal position, the locking cams are retracted. VRC controls are enabled once the landing gate/door is closed, allowing the carriage to be sent to another level.

