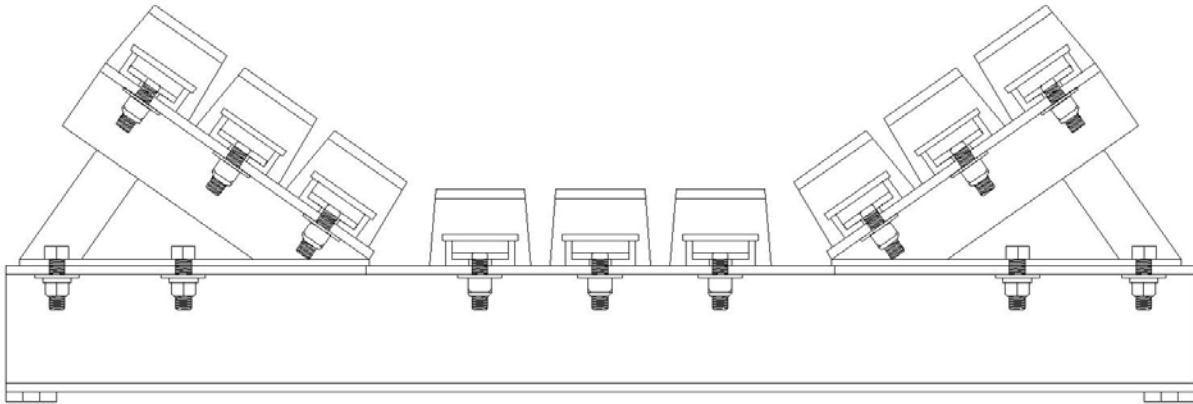
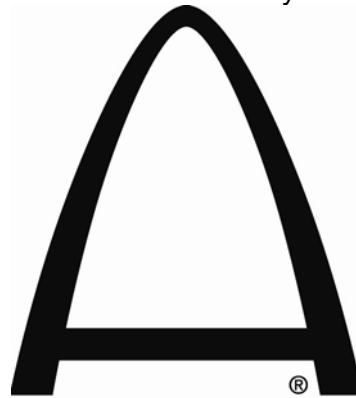


SIMPLICITY IMPACT SYSTEM INSTALLATION INSTRUCTIONS

Revised: May 2019



Manufactured by:



ARCH
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Phone: 800-553-4567
Paducah Kentucky USA

SHUTDOWN AND LOCKOUT CONVEYOR BEFORE DOING ANY MAINTENANCE

1. Remove the existing impact idlers from the conveyor structure. Inspect the structure for any damage or misalignment. If needed, structure must be fixed before installation of the impact system.
2. Check the height of the center of the stands. This measurement should be approx 3 1/4" less than the center roll height of the existing idlers. If all dimensions are correct, the stands can be either bolted or welded to the existing structure. The first and last stand should be mounted at the ends of the impact bars,

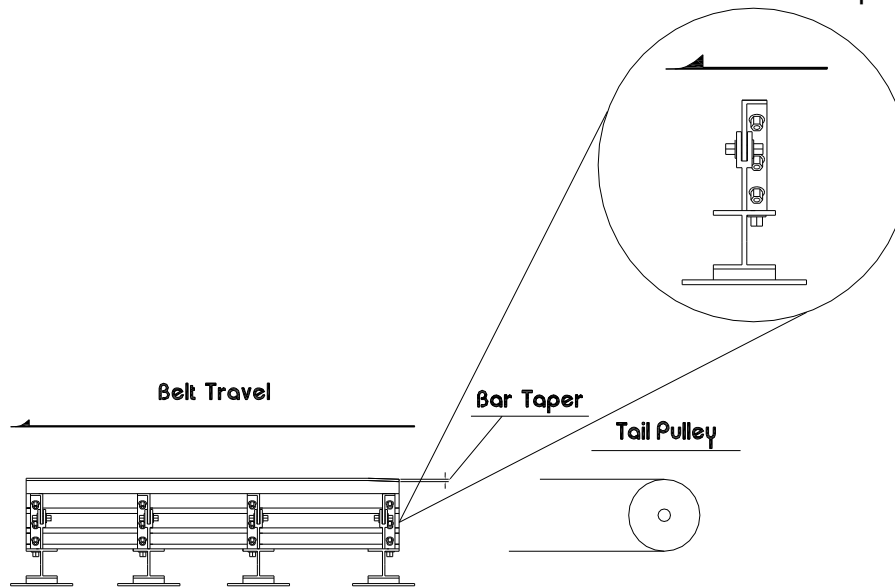


Figure 1

It is critical that the stands are aligned with the conveyor system; any misalignment will cause belt training problems. Note that the stands are mounted with the mounting slots pointed away from the direction of the belt travel (figure 1). The first and last stand should be mounted close to the ends of the impact bars for proper support. The wing brackets of the impact stands can be removed if needed for ease of installation, however it is not required. (figure 2)

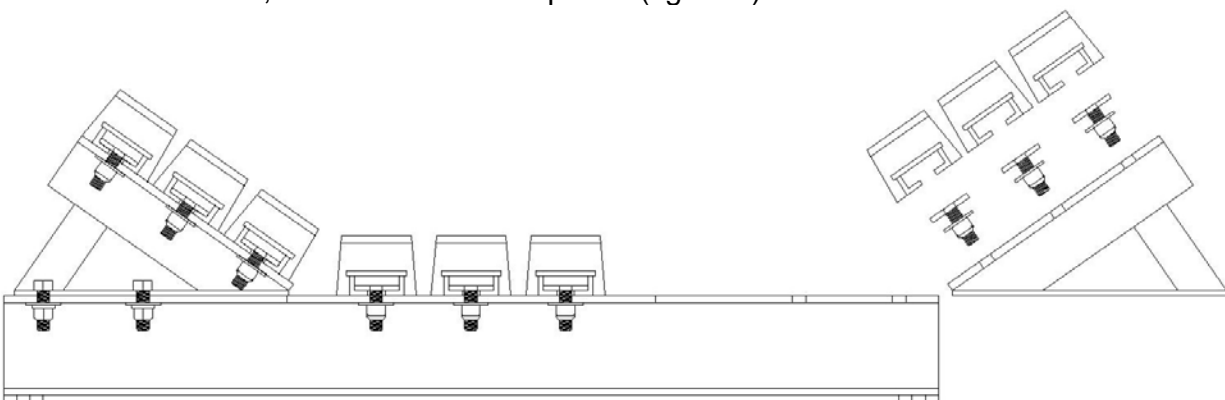


Figure 2

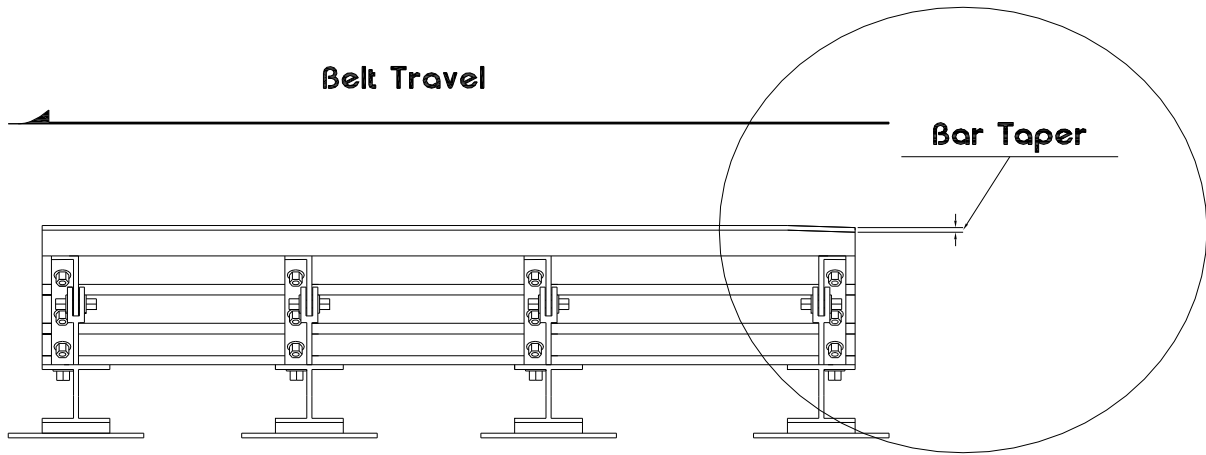


Figure 3

3. Mount the impact bars on the stands with the tapered end of the bar pointing away from the direction of travel. (figure 3) Install the T-bolts in the bars and ensure the T-bolts are fully rotated in the slot (figure 4).

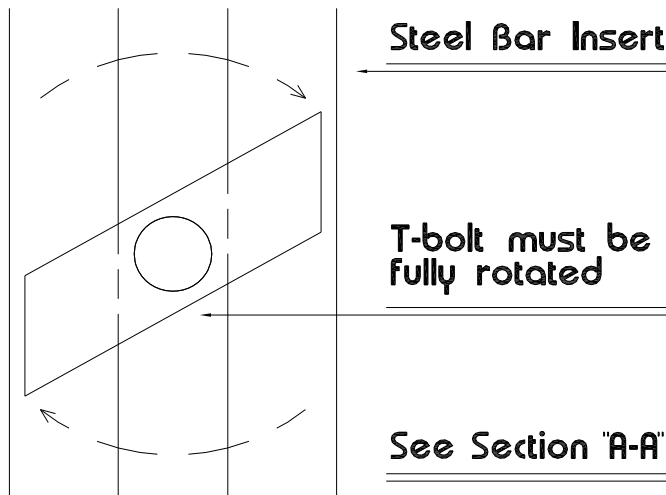
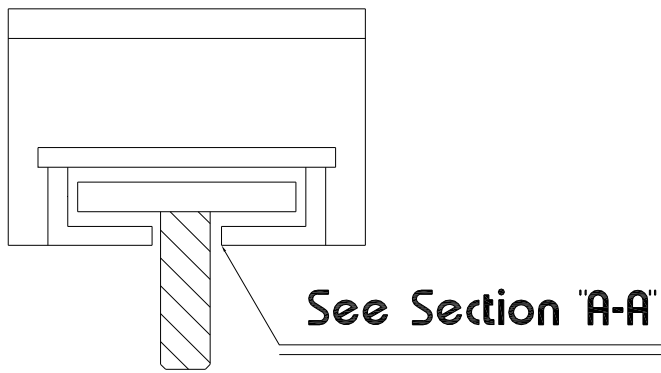


Figure 4

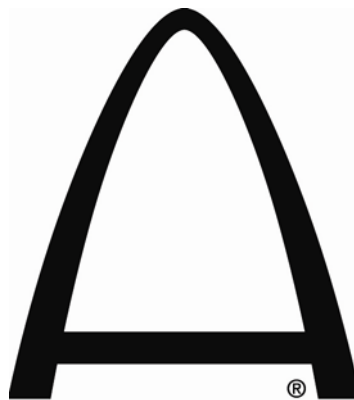
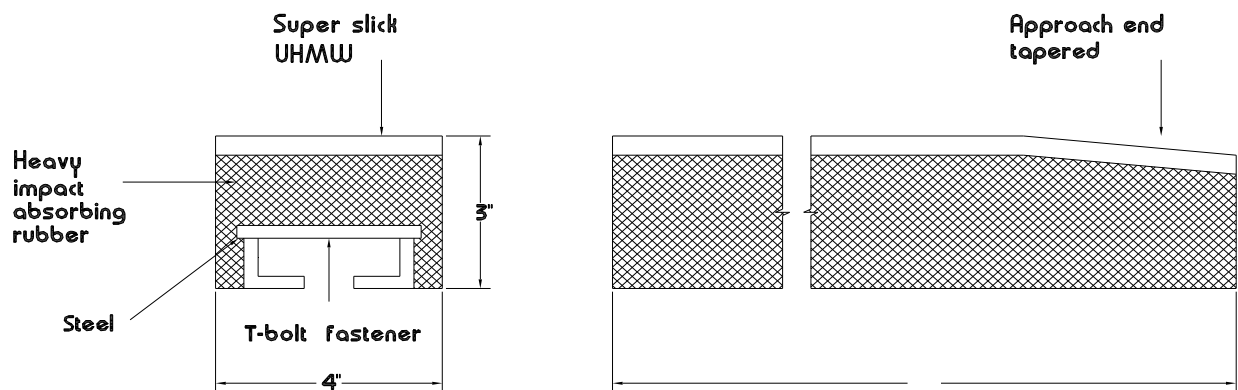
Tighten the T-bolts evenly to 85 or 90 ft. pound of torque. As bolts are tightened again, ensure the head is fully rotated into the bar slot (figure 4).

4. Test run the conveyor, recheck all bolts and bars for security. Inspect the bottom side of the conveyor belt for any damage or foreign object embedded in the belt.
5. The System should be inspected after 8 hours of operation for any loose bolts or damage. The system should then be included in the normal inspection schedule.

Simplicity Impact Bar

Standard Length 48" – 60" – 72"

One size fits all frames



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