



Guidler Package

Installation Guide

1. The optimum location for the guidler assembly is approximately 12 inches from the return idler closest to the tail pulley. The assembly should be mounted on the up-hill side of the idler away from the tail pulley. If the conveyor design does not allow for this location, position assembly as close to these guidelines as possible. It is important that the conveyor belt runs as flat as possible when coming into contact with the guidler rollers.
2. After determining the best location align the bottom tabs of adjustment bracket (A) (see drawing) with the bottom of the conveyor frame and tack weld into place. The tabs should be full welded when certain the assembly is correctly positioned.
3. Adjustment bracket (B) should be installed on bracket (A) so that top and bottom edges are parallel. Hold bracket (B) in place by tightening bolts lightly.
4. Hold the L bracket (C) against bracket (B) and align the conveyor belt with the center of the guidler roller. When this alignment is obtained make a mark on L bracket (C) along the top and bottom edge of bracket (B).
5. Remove bracket (B) from bracket (A) and position inside marks made on L bracket (C). Center L bracket (C) between the slotted holes and full weld brackets (B) and (C) together.
6. The guidler roll should be at a 90 deg. angle with bracket (C). If not, loosen the guidler bracket bolts and rotate the guidler until the proper angle is achieved. Retighten the bolts.
7. After brackets (B) and (C) are welded together the assembly should be mounted to bracket (A). Position bracket (C) and adjust the guidler to obtain a 30 degree angle in the direction of the belt travel and 90 degrees perpendicular with the belt edge. Also, make sure the belt is running at the center of the guidler roll so that belt contact is with the bottom, center, and top of guidler roller. The guidler roll is not meant to act as a continuous alignment mechanism. There should only be contact when the conveyor belt is misaligned.
8. The guidler roll can be adjusted, as needed, toward the conveyor belt or away from the conveyor belt by loosening the bolts on the bottom of bracket (C).

There should always be a gap remaining between the belt and the guide roll when the conveyor belt is aligned properly.

Note: These are typical installation guidelines and should be followed. However, these guidelines may have to be modified at times to allow for the variances in conveyor designs. Each job has to be examined to determine the appropriate installation guidelines.