

EA Conveyor Manual Belt Setting



This picture illustrates the belt being tensioned by the springs. (normal / designed condition) End cap is able to “float” and maintain belt tension.



This picture illustrates the belt being tensioned by a manual setting. (Sometimes required based on belt type, machine type, machine size, etc) Bolts are turned out forcing the end cap out from the frame and thus tightening the belt.



Here a machine being set in a manual situation. The bolt is turned out forcing the end cap out tightening the belt. The slack in the belt can be observed on the bottom (red circle). The belt should be about 1/8 – 1/4 inch gap. This will vary slightly based on the length from the end to the transition. You can insure the pulley is square to the frame by measuring the gap (yellow arrow) side to side on the machine. **USE CAUTION** to not overtighten the belt causing it to pull out of the transition idlers (EAK & EAZ) and damaging the belt.