Conveyor System: Actuated-hinged Drive Table

**Problem**
As materials move down a roller conveyor, a multi-strand drive chain must raise to lift the materials up and off the conveyor’s rollers at a right angle. A hinged drive table is used where strict vertical movement is not necessary, but where faster and more careful handling is required.

**Solution**
Two Airstroke actuators raise the drive chain into contact with the materials, lifting them up and off the rollers for easy and efficient transfer.

**Benefit**
The actuator’s low collapsed height and angular motion capability allow the transfer section to be mounted close to the floor and to actuate through the arc without a clevis.