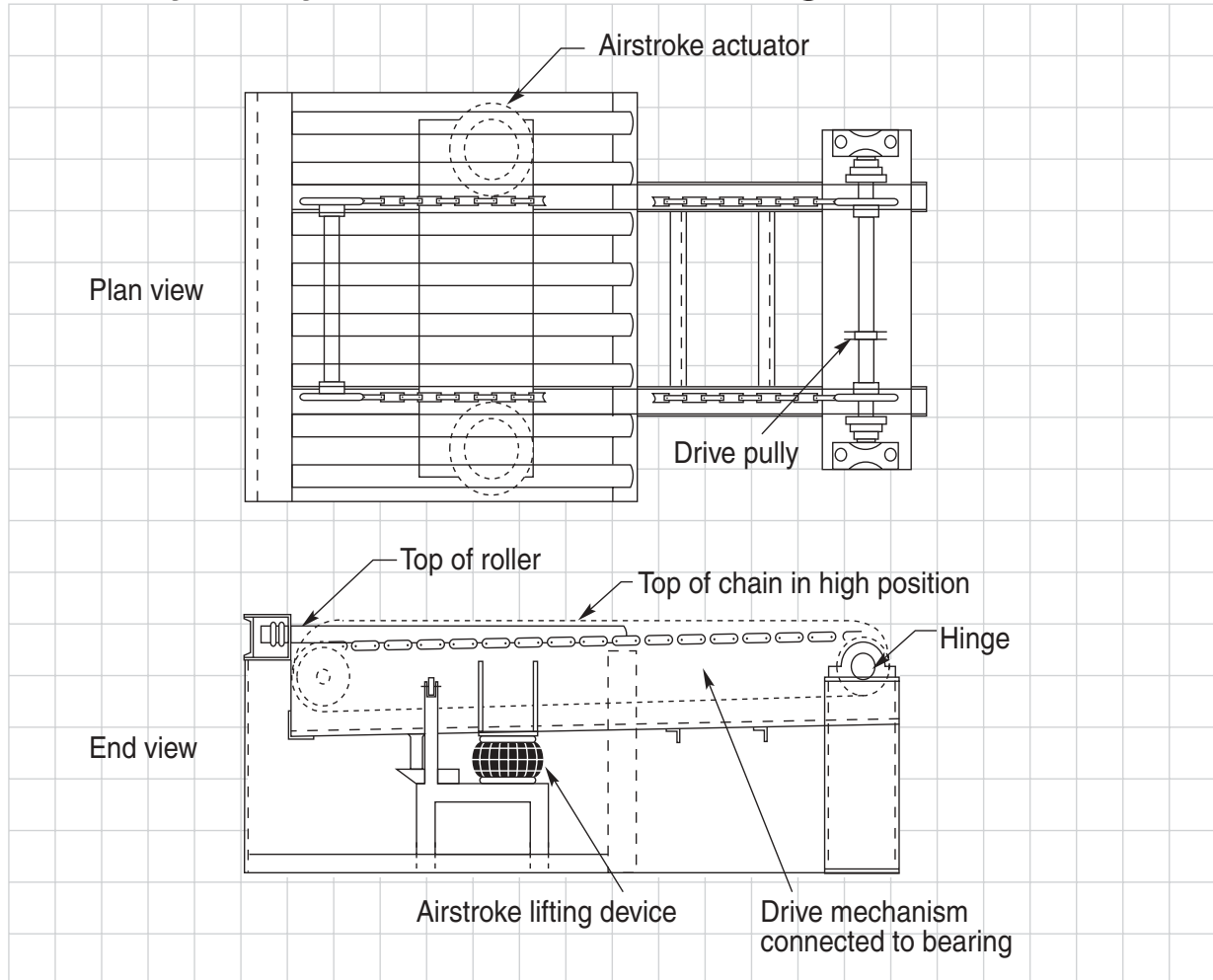


Conveyor System: Actuated-hinged Drive Table



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.