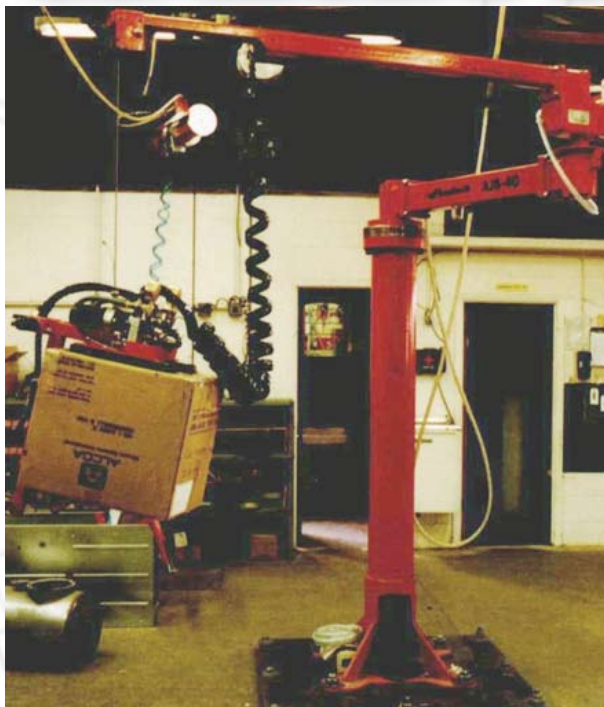
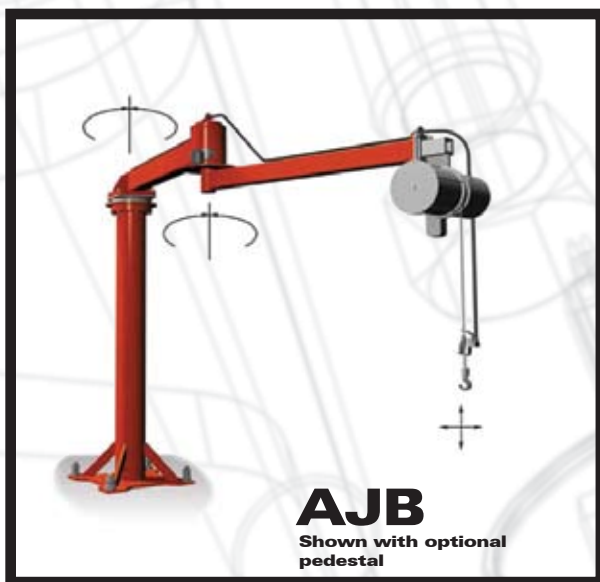




Product Handled: **Cardboard Box**



Problem: The end effector must be mounted above the boxes, but thin enough to fit between an overhead obstruction and the top of the highest box. The operator needs to reach the controls on the end effector when they are positioning the first bottom layer and top layer.



APPLICATION: Lift the oil pan, weighing up to 180 lbs. Lay flange down from the staging table approximately 36" high. The pan is pitched up approximately 65° with the top of the flange approximately 60" from the floor, and transferred 138" to the motor.

SOLUTION: AJB (Articulated Jib Boom) mounted on a pedestal with an air balancer mounted at the middle joint, to reduce overhead space. A reeve end-of-arm mechanism to reduce manipulator and end effector space. End effector consists of a light-weight vacuum tool.

CONTACT POSITECH FOR MORE INFORMATION