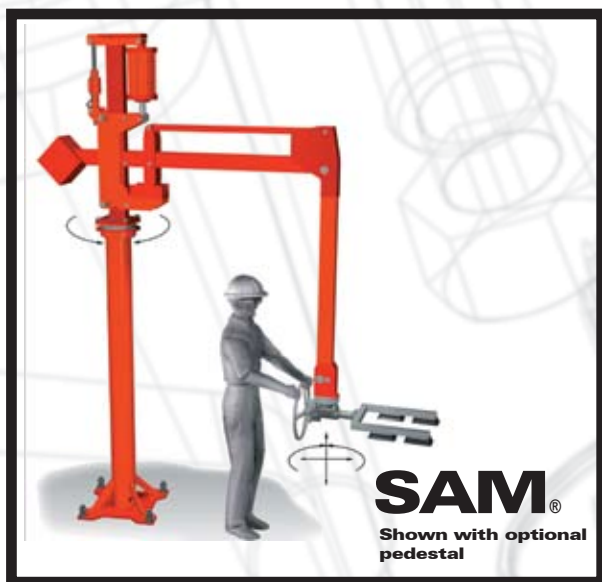




Product Handled: **Sheet Metal**



Problem: Handling various sizes of materials including tubing, channel, steel plates, and formed sheet metal with only one manipulator.



APPLICATION: Each batch of sheet metal had different folds, bends, and punched holes. Ends of tubing were often bent up at 15° angles. Manipulator needed to be transferable between different workcells. End-effector needed to be interchangeable with minimal downtime.

SOLUTION: A pedestal mounted Simple Air Manipulator® (SAM K-96) with solid steel mobile base and leveling jacks. Pitching end joint with end-effector interlock. Tongue gripper/trap end-effector for handling tubing, channel, and flat steel. Vacuum end-effector with an adjustable frame and individually adjustable vacuum cups with quick disconnects for cup removal.

CONTACT POSITECH FOR MORE INFORMATION