

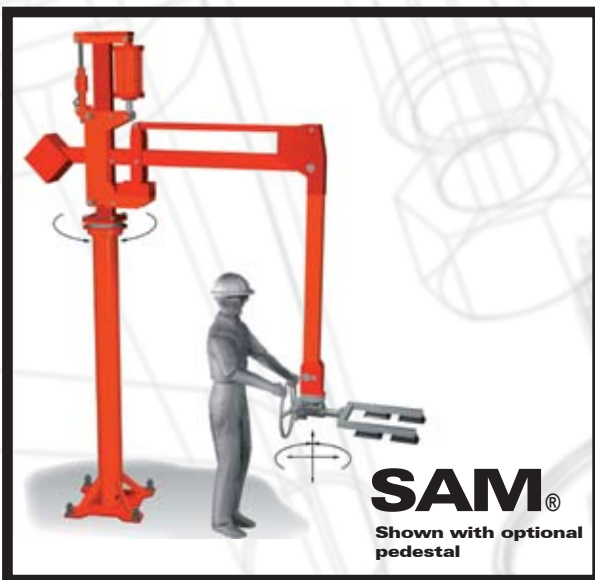


Product
Handled:

Steel Panels



Problem: There are a wide variety of panel sizes, weights, and configurations. Panel variations include flat sheets that could only be picked up with a vacuum end effector and panels with large round holes that could only be picked up with a gripper end effector.



APPLICATION: Load and unload steel panels onto the paint line. Panels are brought into the workcell horizontal on a pallet or vertical on an A-frame cart. Unpainted panels are gripped, power pitched up 90°, and placed on paint line. Once the panels have been through the paint line, they are regripped and removed from the paint line and pitched down 90° for placement on a pallet.

SOLUTION: A Simple Air Manipulator® (SAM P-78) mounted on a powered trolley. Operator controls for rotation and pitching are mounted on an air counter balanced T-handle with a motorcycle style throttle metering valve and pitching end joint with powered rotation of the end effector. Two end effectors with quick disconnects: An I.D. Griper & a 7 cup vacuum end effector.

CONTACT POSITECH FOR MORE INFORMATION