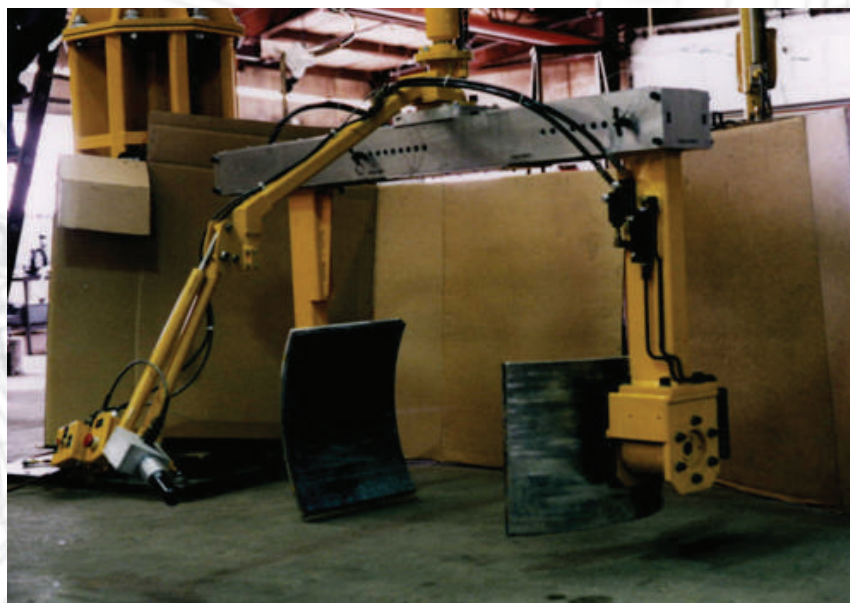
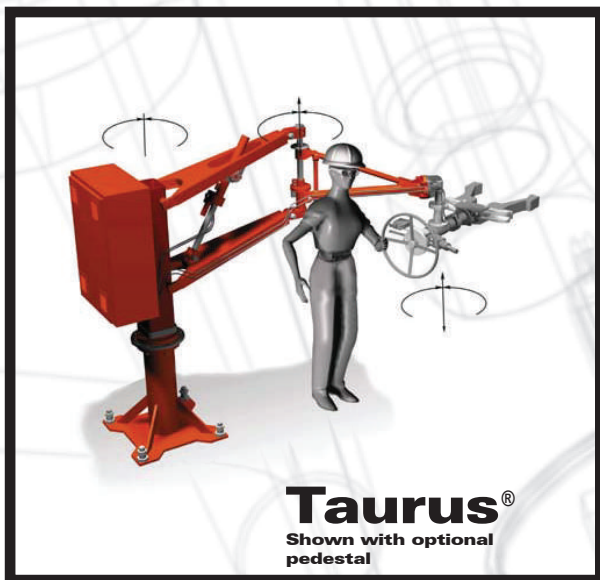




Product  
Handled: **Rolls of Aluminum  
Tubing**



**Problem:** The grip range of the end-effector must handle large variations in rolls. The roll cannot withstand excessive grip force. The manipulator must handle up to 1,000 pounds of payload and still rotate easily.



**APPLICATION:** The machine cycle consists of removing the rolls from a mandrel and transferring them to a pallet. The pick position has the rolls positioned with the core horizontal and then rotated 90° for core vertical positioning on the pallet.

**SOLUTION:** Taurus® (TPA-15) Hydraulic Manipulator with powered main post rotation to move the large load through the work cell. Pin adjustable jaw arms with coped jaws on end-effector. A pad containing cell sponge inserts was provided for a soft grip on the wide range O.D. rolls.

**CONTACT POSITECH FOR MORE INFORMATION**