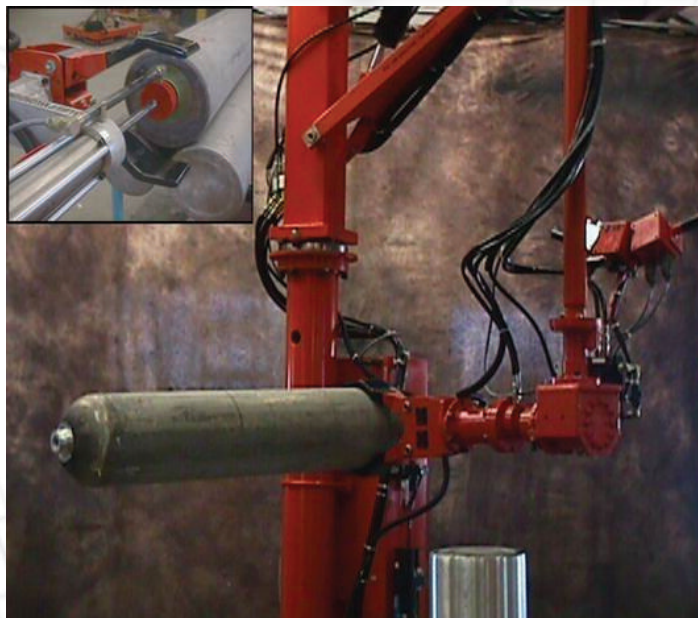


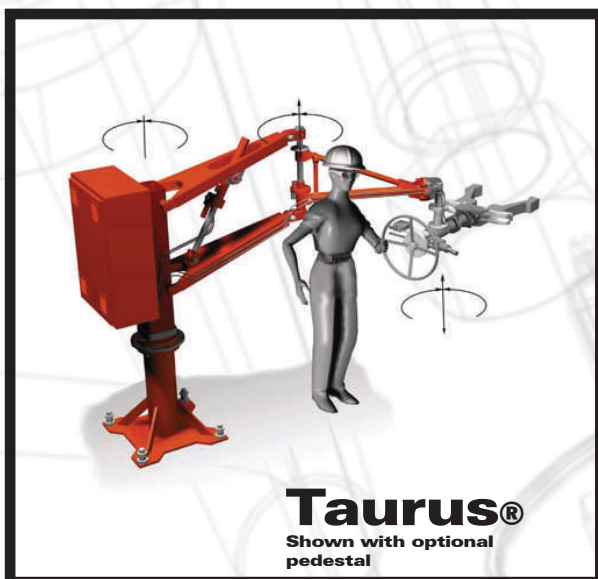


Products  
Handled:

## Gas Cylinders



**Problem:** The cylinders weigh between 50 to 100 lbs., 8"-10" diameter and 48"-52" long. 120" of radial reach is required for three pick up and place points. The cylinders are up to 350° in temperature when they are brought to the work cell. Plant safety procedures require that maintenance personnel must be able to service the electrical and hydraulic components from floor level.



**APPLICATION:** Lift the cylinder from an incoming rack and place it in a heat treat fixture. The cylinder is then removed from the fixture and place on an outgoing rack.

**SOLUTION:** Taurus® (TPA-5) with 500 lbs. of end-effector and payload capacity. Hydraulic powered rotator rotates the part 90°. The manipulator has high temperature modifications including quintolubric oil, high temperature resistant hydraulic/air hoses, jaw padding material and vacuum cup. The hydraulic, electric and pneumatic enclosures are mounted with special pedestal brackets to allow floor level access.

**CONTACT POSITECH FOR MORE INFORMATION**