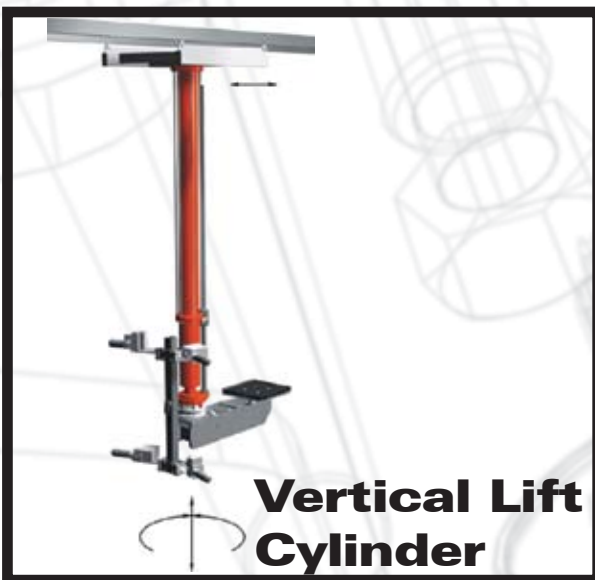




Product  
Handled: **Engine Pins**



**Problem:** Pins are transferred in and out of machining centers, each with its own clearance problems dictating where the pin can be gripped. Customers machine operators are apprehensive concerning manipulators. End effector must be lightweight, simplistic, operator friendly, and safe to use.



**Vertical Lift  
Cylinder**

**APPLICATION:** Transferring cylinder pins to and from various machining centers.

**SOLUTION:** Vertical Lift Cylinder with I.D. grip and rotate end effector and two O.D. grip end effectors with powered pitching and center of gravity actuator. Two electric release permanent magnets with two-speed hoists. Bridge crane system supporting a variety of different end effectors. All end effectors have Gripper Safety Circuitry and release allowed visual indicators.

**CONTACT POSITECH FOR MORE INFORMATION**