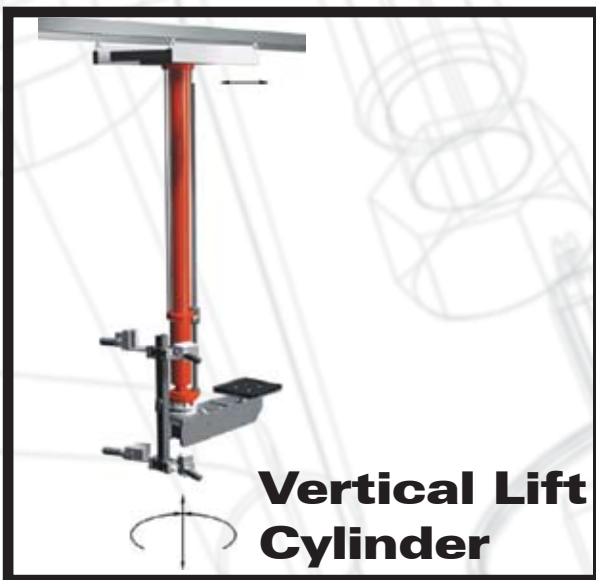




Product  
Handled: **Machining Pallets**



**Problem:** Pallets are very heavy, awkward to handle, and expensive. Operators are presently using a forklift and hoist to handle parts. Machining centers have limited space and a hoist does not hold the part securely or provide precise placement control.



**Vertical Lift  
Cylinder**

**APPLICATION:** Load and unload pallets from a machining center. Pallets are brought into the workcell on carts. Operators must lift them off the carts and reach into the machining center to secure the pallet.

**SOLUTION:** Vertical Lift Cylinder on a free standing X-Y bridge crane. 360° continuous rotation of lift cylinder. Custom designed end effector to fit bracket. Pneumatic clamps to trap part on to end effector. Adjustable “bleed-down” speed control to allow operator to gently place the pallet.

**CONTACT POSITECH FOR MORE INFORMATION**