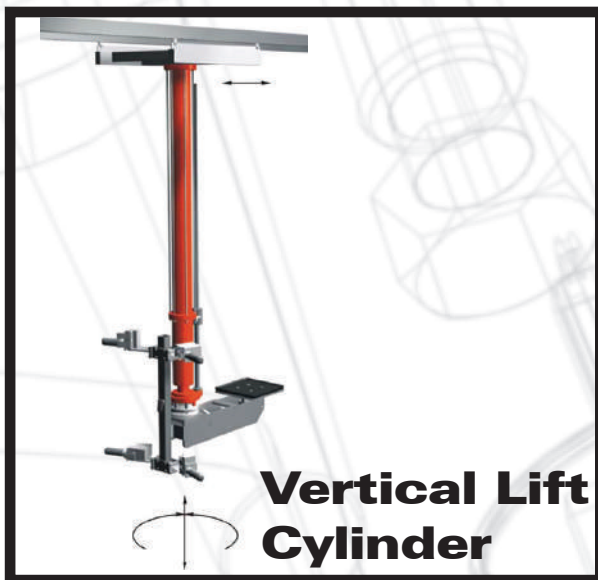




Product
Handled: **Machining Pallets**



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.



APPLICATION: Load and unload pallets from a machining center. Pallets are brought into the work cell 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