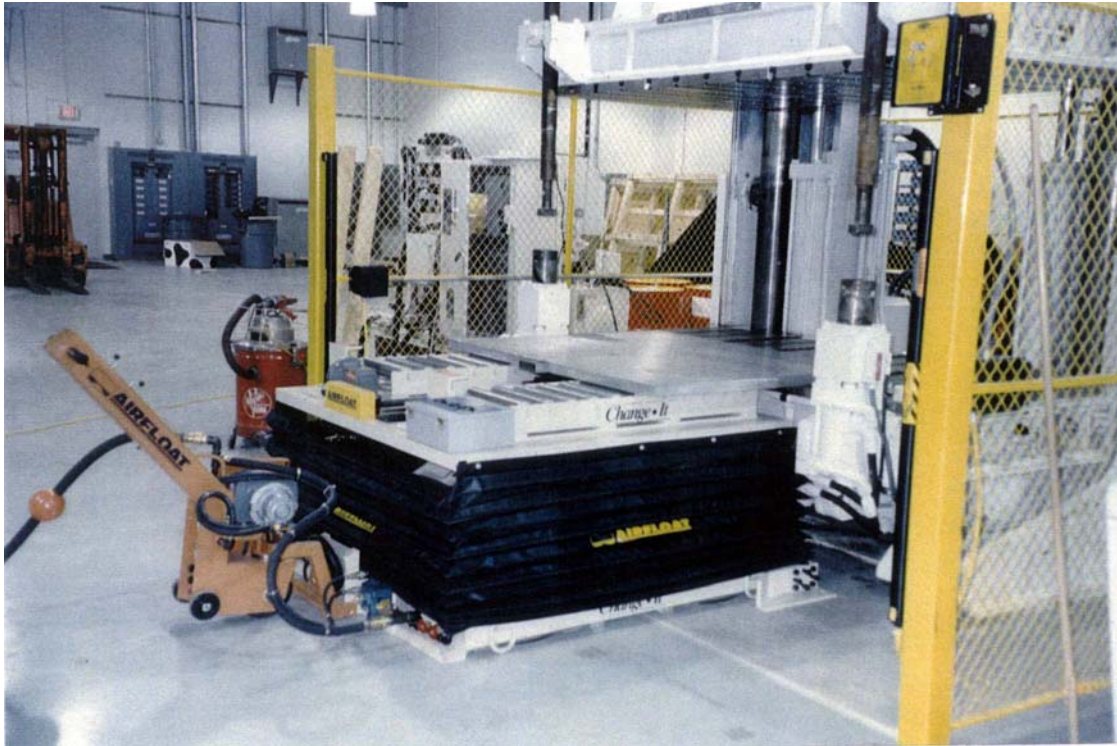


Single Position Steerable Quick Mold Changer



APPLICATION:

An Airfloat customer required a mold changer that could move, lift, and push/pull one maximum 10,000 lbs mold.

SOLUTION:

Airfloat designed and manufactured an air bearing based mold changer that was equipped with rollers to carry the 10,000 lbs molds. This unit incorporates a 24" hydraulic lift table, a top mounted control panel, a docking rail, and an external steerable drive unit for moving the mold changer between presses and storage racks. The unit has a variable transfer height between 20" and 44". Its travel speed is approximately 0-40 ft/min. Mold push/pull speed is 4-8 ft/min. There are mold stops onboard to prevent accidental transfer during travel. Each mold would need a small "handle" for the push/pull device to hook onto.

BENEFITS:

- Eliminates the risk of life-threatening injury to the operator created by other tool changing methods
- Adjustable height enables it to be used on presses with various heights.
- Eliminates tool and press damage
- Operates on plant air supply
- Total pneumatic power for low cost installation