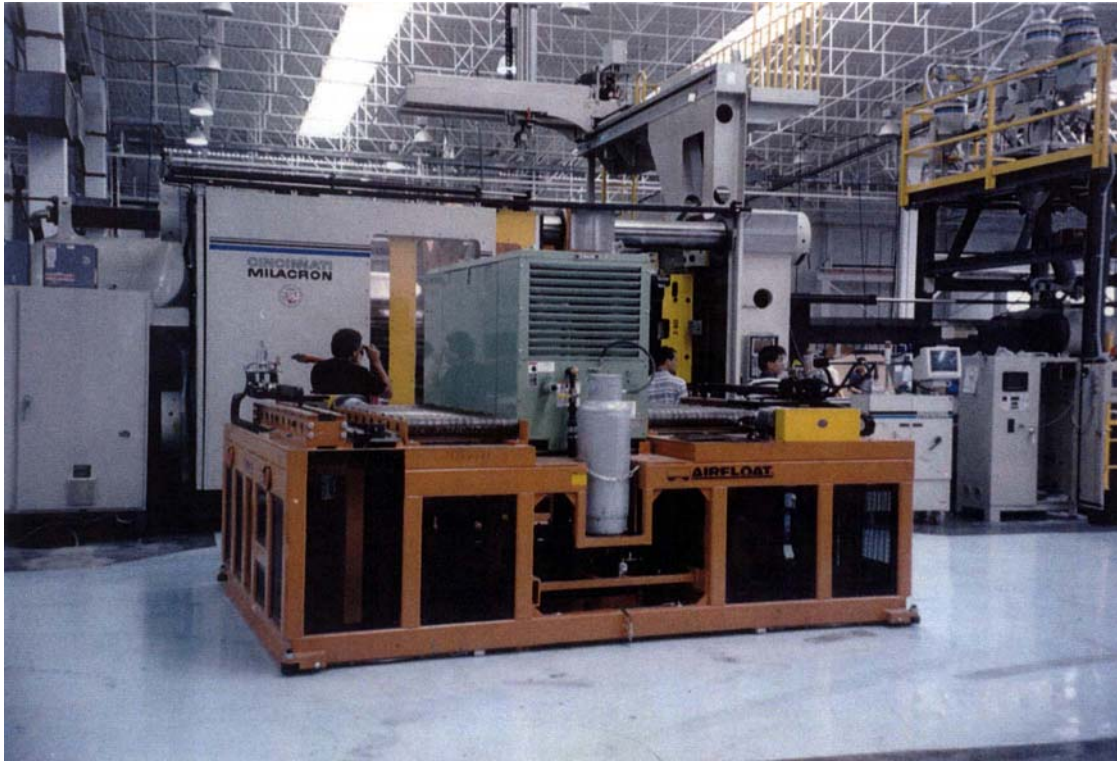


Two Position Quick Mold Changer



APPLICATION:

An Airfloat customer needed a safe and quick solution for changing and transporting their 40,000 lbs molds from press storage racks to press without an external air hose connection.

SOLUTION:

Airfloat designed a two position mold changing transporter with 40,000 lbs capacity on each side and four tray mounted 36" air bearings. The changer is self-contained—powered by an LP-gas driven 195 SFM compressor that is centered on top of the mid-section of the changer. The unit includes an after cooler and a 60 gallon surge tank on the compressor output. It is also equipped with two 90 deg. pivoting NSD-7 drive units, including a pendant control for travel throughout the molding facility. This transporter also includes two reversing mold extraction drives with folding mold change arms driven by a ball screw. The transporter has two (side by side) positions that allow removing the used mold and inserting the new mold in less than ten minutes.

BENEFITS:

- Eliminates the risk of life-threatening injury to the operator created by other tool changing methods
- Less down time with two position quick change
- Eliminates tool and press damage
- Can be used with multiple presses which have been set up for quick side mold changing
- Self-contained, internal drive saves space with a more compact unit.
- Operates on its own air supply, eliminating the need for an external air hose connection