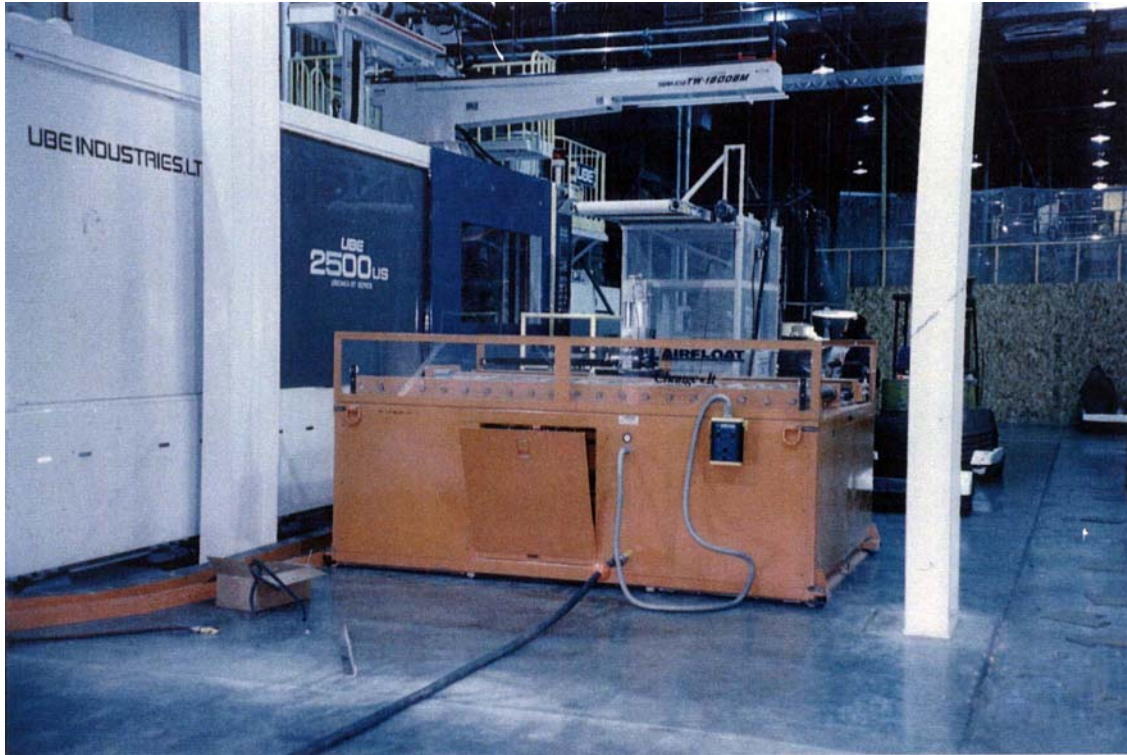


Single Position Quick Mold Changer



APPLICATION:

An Airfloat customer required equipment capable of transporting one 80,000 lbs mold to and from its presses and storage racks.

SOLUTION:

Airfloat designed and manufactured a single position mold changer which consisted of an air bearing platform with structural steel riser and roller deck top, powered push/pull device, integral mold handling control panel, two internal drives (one rotates 90 deg.), and a pendant controller for drive functions. The platform is equipped with four 36" diameter high-performance air bearings. The top roller sections are set to a fixed height of 50" above the floor. The rollers contain prelubricated ball bearings. A fail-safe mold stop is located at each end of the fixed platen roller section. This unit is also equipped to allow electrical interface via a multi-conductor connection between the mold changer and the press controller. The interface provides equipment and personnel safety as well as insures that a mold transfer does not occur unintentionally or out of sequence. The mold push/pull travel speed is 6-10 ft/min.

BENEFITS:

- Eliminates the risk of life-threatening injury to the operator created by other tool changing methods
- Eliminates tool and press damage
- Operates on plant air supply
- Total pneumatic power for low cost installation