

Quick Die or Mold Changing System



APPLICATION:

An Airfloat customer needed a quick and safe solution to their compression mold handling needs. Previously, operators used wheeled equipment that required an abundant amount of floor space to move up to 120,000 lbs molds. This was not only time consuming but also dangerous and strenuous ergonomically.

SOLUTION:

Airfloat designed a quick die/mold change system that drastically cut required work time. A change that took hours now lasts only minutes. The changer rests on four air bearings that glide up to a press. The changer can collect a mold from the press, turn completely around, and insert a new one. The changer can also be placed between two presses—inserting one tool while receiving another. Once the mold change is finished, the mold can easily be move off line.

BENEFITS:

- The quick die/mold change system eliminates risk of life-threatening injury to the operator created by other tool changing methods.
- Decreased energy costs with less building volume to heat, ventilate, and cool compared to overhead crane use
- Eliminates tool and press damage
- Total pneumatic power for low cost installation