

Air Skids: Modular Home Transporting Application

**APPLICATION:**

An Airfloat customer needed to replace an existing wheel and track assembly line for home modules.

SOLUTION:

Airfloat custom designed and manufactured a modular home transporter composed of single bearing air skids and steel connecting frames. Each frame (75" to 118" wide and 23" to 29" high) connects two air skids. The skids include a guide wheel mounted in the center of the frame and a control harness for simplifying hookup.

BENEFITS:

- Ergonomics: ease of operation
- Reduced labor cost: moves are completed with fewer operators.
- Increased productivity: moves are accomplished faster.
- Flexibility: 1) easy omni-directional movement; 2) telescoping frame system accommodating variances in module dimensions; 3) line layout can be easily reconfigured.
- Improved product quality: system secures frame which eliminates bending and warping.
- Lower capital expenditures: eliminates cranes and in-floor rails