

Modular Rack Handling System: Rack Rotate Load/Upload System



APPLICATION:

An Airfloat customer required a system capable of indexing three dolly racks inline, with the center rack position being an operator station.

SOLUTION:

Airfloat designed and manufactured a rack handling system. Dolly movement is by air powered drive wheels mounted in heavy duty guide beams. The guide beams are combined with cross members and track sections to form three drop in place modules that are pre-plumbed for easy installation. The system has a total length of 324" and will index standard 4' by 8' wheeled dollies. The dolly flow through the system is reversible at the operator station.

BENEFITS:

- Reduces operator fatigue
- Speeds loading/unloading process
- Allows both sides of the rack to be loaded/unloaded at one operational station
- Saves floor space