

## Side by Side Container Handling System



### APPLICATION:

An Airfloat customer needed a safe and effective method for transporting and raising containers to an ergonomic unloading position. The operator found it difficult bending and reaching for parts.

### SOLUTION:

Airfloat designed and manufactured a gravity conveyor system that allows three container staging which are then unloaded by the operator. Containers are loaded/unloaded by the operator utilizing a 35 deg. tilt. Once the operation is complete, the container is moved to the outgoing conveyor on an air bearing transfer shuttle. The operator utilizes the tilt to transfer the container to the outgoing gravity conveyor.

### BENEFITS:

- The equipment includes a 35 deg. tilt that reduces operator reaching and bending.
- Compact finger touch control panel is ergonomically designed, requiring minimal effort for system functions.
- Container transfer shuttle is air bearing equipped, requiring only one pound of force for every 1,000 lbs of load.
- Ergonomic container unloading reduces the risk of injury to the operator.
- Increased efficiency emptying containers, thus increasing productivity