

Cart Transporter



APPLICATION:

An Airfloat customer in the automotive sector required a method for lifting and moving a wheeled-cart that would be loaded with drive shaft parts.

SOLUTION:

Airfloat designed and manufactured a 3,000 lbs capacity air bearing equipped transporter with a hydraulic scissors mechanism for lifting carts clear of casters for movement and for the loading/unloading of parts. The unit is air powered and has control independent of air bearing operation. The air bearings and lift functions have dual controls accessible from both the left and right sides of the transporter. The unit is equipped with 17" tray mounted air bearings.

BENEFITS:

- The operator can easily transport and position carts for loading/unloading.
- The system reduces the risk of injury to the operator caused by manual pushing.
- The lift table reduces operator bending and reaching.
- Operates on plant air supply