



Steerable Transporter Vehicles, Engineered to Safely Move 20,000 lbs. to over 5,000 Tons

Power Drive System: The power drive system allows loads to be moved easily and safely by one man. Transporters can be driven individually, loaded or unloaded, or coupled together (end-to-end or side-by-side) to provide required load capacity.

Remote Control Pendant: All drive control functions are controlled by the remote pendant including system power / emergency stop, drive speed, direction, steering mode selection and steering direction. One operator controls the Transporter, whether operating a single or tandem unit. Transporters operate together as one while moving, turning and stopping. If one transporter has problems the combined transporter will stop automatically.

Air Casters: Aero-Casters are slide-mounted for ease of inspection or replacement without lifting the Transporter.

Automatic Aero-Caster Control System: Automatically controls the pressure and lift height of the Transporter air casters to compensate for different load weights and center of gravity positions. Ultra-sonic sensors measure the height of the Transporter from the ground, hundreds of times per second. By using a non-contact style sensor the system is immune to debris on the floor, reducing risk of damage.

Steerable Power Drives: Ensure traction and stability of direction. The drive system allows six steering modes.

Hose Reel and Air Fittings: Built into the Transporter, the reel rewinds with the touch of a button and extends as needed. A switch automatically stops the Transporter at the end of the hose travel.

Safety Features: Safety features incorporated into the design include:

- Flashing lights and sound alarm when Transporter is in motion
- Error/fault alarm for diagnostics
- E-stop switch on the vehicle, in addition to the remote pendant
- Independent safety relay in the e-stop circuit
- Hose restraints on supply hoses in case of a hose connector failure
- Warning labels on all surfaces that have hazardous conditions

Easy to implement into existing assembly lines:

- Standard floors (machine troweled, sealed concrete) are sufficient
- Reconfigure assembly line flow at will
- Instant reindexing: eliminate first-in-first-out requirement
- Increase density and maximize floor space
- Lower cost solution than in-floor conveyor or drag chain
- Easy omni-directional multi-positioning



AeroGo transporters are custom engineered to meet exact specifications of the load requirements.



Loaded or unloaded, the transporter is easily maneuvered by one operator via remote pendant.



AeroGo Transporters ensure easy component movement through an assembly line. Line flow can be reconfigured on the fly, without downtime.

