

# Manufacture 80,000-lb/36,320-kg Structures Easily, on a Cushion of Air



Microwave tower building manufactured on an Aero-Caster air bearing system with low ground clearance (3.5 inches/90 mm).

## Challenges:

- Load too heavy for conventional material handling methods. Client tried using fork trucks, but the steel wheels scratched the floor.
- Need to minimize dust since the final phase of the assembly process includes fitting the structures with delicate phone equipment.

## AeroGo Advantages:

- Easily move tonnage at a cost-effective price without damaging the floors.
- Explosion proof material handling solution. Minimal vibration for sensitive installed equipment.
- Field support. AeroGo dealer, MHC Systems, took the time to understand the customer's needs and provided a six station Load Module system equipped with Urethane Heavy Duty Aero-Casters.



Assembly line flooring is easy to clean, polished concrete. Total travel distance is 150 yards/137meters. Once assembled, the buildings are loaded on to a flat bed truck at the loading dock with special pallet jacks.



6K36UHDL Load Module Systems were inserted under each assembly to increase the production output and enhance production flexibility.



*Need to rush an order through production?* This AeroGo System allows you to quickly move an assembly unit out of the production line to keep pace with its ship date. New or special orders can be weaved in and out of production cells to make sure everything ships on-time.



The 36-inch Urethane Heavy Duty Aero-Casters were chosen for their durability and expandable weight capacity.