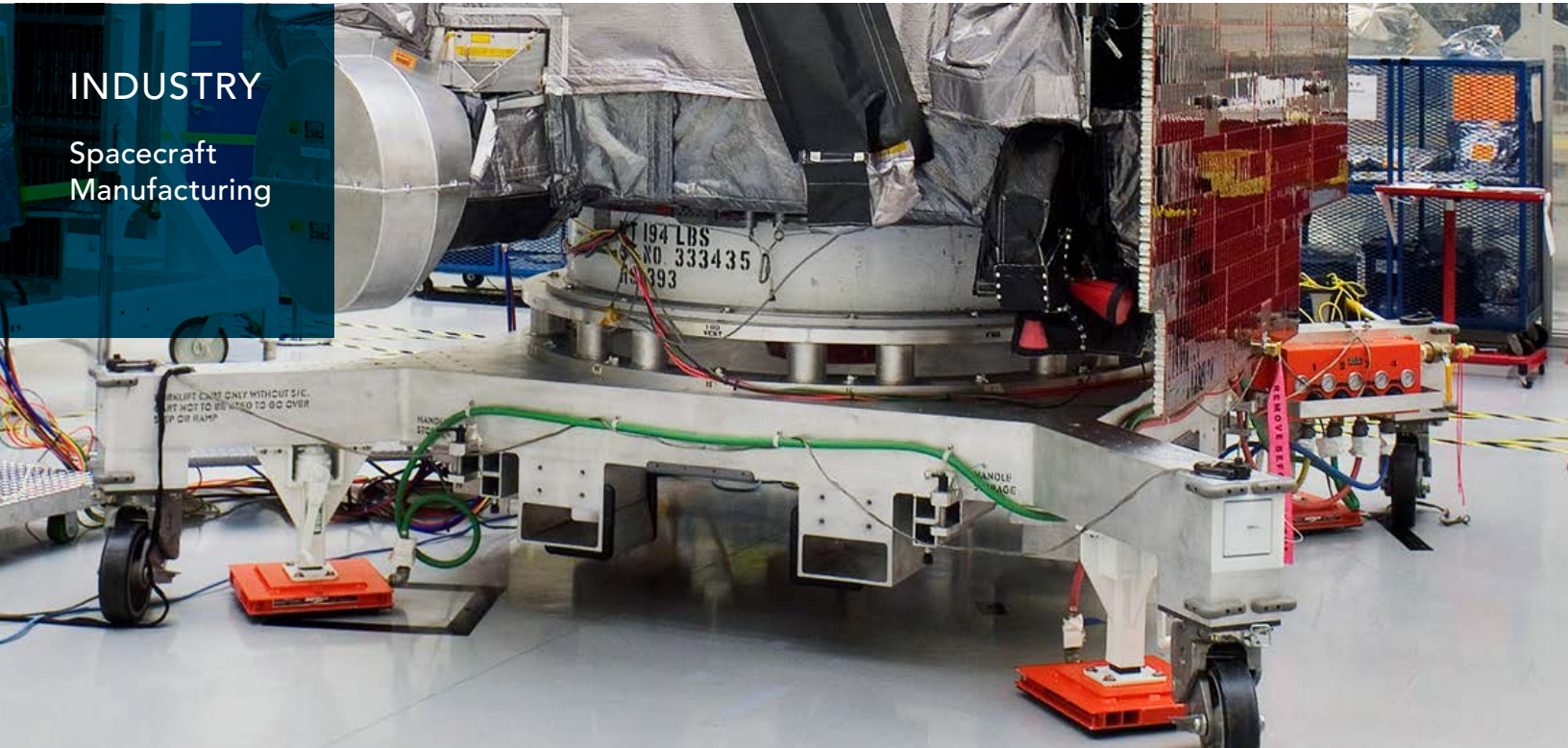


INDUSTRY
Spacecraft
Manufacturing



Assembly tooling and fixtures for Spacecraft

The world's leading spacecraft manufacturers rely on AeroGo products to revolutionize the manufacturing process for building satellites, rockets and missiles. The AeroGo engineering team works in partnership with the manufacturer to solve transport problems. The unique capabilities of AeroGo solutions are attuned to the unique requirements of spacecraft manufacturing while offering unlimited load size, weight, and range of movement including 360° rotation. Decades of aerospace-specific expertise enable us to deliver equipment for unique requirements such as:

- Clean Environments
- Specialized material compatibility requirements
- Explosion proof design
- Single failure point fault tolerant design
- CE and ASME B30.1 compliant

AeroGo Solutions

- Flexible Tooling Equipment & Systems
- High Tonnage Isolation Door Systems
- Mobile X-Ray Positioning Systems
- Telescope Positioning Systems
- AGV Systems
- Cross-Bay Shuttle Systems
- Flexible Large Assembly Line Equipment
- Flight Hardware (Rocket) Transporters
- High Precision Repeatable Turntables
- Hybrid Wheeled/Aero-Caster Heavy Transporters
- Rocket Motor Rotation/Transport Systems
- Transfer Carts
- Vapor Phase Oven Heavy Load Transport
- Missile Transporter & Rotator
- Satellite transport Vehicles
- Large spray painting dollies and systems

Innovative Load Moving Solutions

AeroGo, Inc. is the world leader in engineering, design, manufacture and support of product handling systems utilizing air film technology. AeroGo specializes in the design and manufacture of high-quality, assembly, tooling and material handling equipment and the fabrication of custom-engineered equipment developed specifically to transport and transfer loads from 500 lbs. to over 5,000 tons (226kg to 4535 metric tons).

Application:

Rocket Booster Transport & Rotation

AeroGo Advantages:

- **PRECISE:** Transport, position and rotate solid rocket booster section up to 100,000 lbs.
- **EFFICIENT:** Single man operation for transport
- **SAFE:** Low contact pressure on the segment walls. Air bearings protect floor coating



Application:

Satellite Transport for Assembly

AeroGo Advantages:

- **CLEANROOM COMPATIBLE:** Clean room compatible air casters and powered drive system integrated into support structure
- **RELIABLE:** Smooth, vibration free movement of satellite and transport structure
- **MANEUVERABLE:** Omnidirectional movement for precise positioning
- **FLEXIBLE:** System can be used with a variety of spacecraft



Application:

Clean Room Air Lock Transport

AeroGo Advantages:

- **MINIMAL MANPOWER:** Aero-Drives and Transporters powerfully move and position 96,000 lb. over-the-road shuttle payload trailer
- **HIGHLY MANEUVERABLE:** Air bearings float the load, providing ultimate flexibility and omnidirectional movement
- **SAFE:** Powered drives control load movement and air bearings protect epoxy floors

