



## Jacks for Aerospace Industry Applications

The Aerospace Industry relies on Joyce Jacks and Electric Cylinders in a variety of critical applications. Screw Jacks or Electric Cylinders are used on test stands to support and position jet engines. They raise and lower maintenance scaffolding and overhead gantry systems and are an integral component in airline ground support equipment. Screw Jacks (up to 250 tons), and Stainless Steel Jacks (up to 25 tons) are available.

Joyce/Dayton provides complete mechanical systems including motors, gear boxes, shafting and controls, enabling the customer to specify all jack related products from a single, reliable source. Experienced Application Engineers offer practical solutions using standard and customized products to meet industry specifications.

## Joyce/Dayton a Trusted Leader

Here is why it's easy to do business with Joyce:

- Providing innovative solutions since 1873
- Highest quality products backed by exceptional warranty
- Extensive experience in the Aerospace Industry
- Options include: Anti-backlash devices, stainless steel components, special finishes, custom controls
- Free online design software
- Commitment to total customer satisfaction
- Outstanding on-time delivery record

## Aerospace Industry Applications

- Raise and lower aircraft for maintenance
- Jet engine test stands
- Gantry system for Aircraft Engines
- Lift Jumbo Jets to service landing gear
- Ground support for space station

## Solution Design Specifications

- Machine Screw or Ball Screw Jacks
- Self-locking Stainless Steel Jacks
- Translating, Keyed, and KFTN Jacks
- High ratio gearsets with 100 turns/inch

## Complete Lifting Systems

Joyce/Dayton provides complete lifting systems for the Aerospace Industry and routinely customizes jacks to meet industry-specific requirements.

## To find your solution:

- Contact an experienced Application Engineer at [sales@joycedayton.com](mailto:sales@joycedayton.com) or (800) 523-5204.
- Try **JAX® Online**, our free, web-based linear motion design software at [joycedayton.com](http://joycedayton.com).

