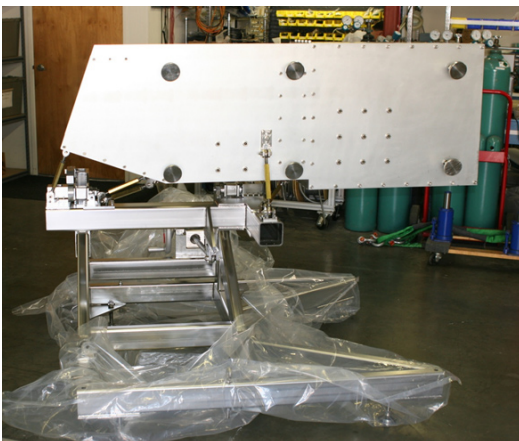


# Custom Trunnions/Cantilevers

## *Equipment Handling Fixtures for Manufacturing/Testing/Instrumentation*

For almost 20 years, Flexline has been building custom equipment holding and rotation tools for manufacturing, assembly or test purposes for a wide range of markets such as aerospace, industrial and high tech manufacturing. For applications requiring the handling of large, heavy equipment or components, Flexline designs and builds robust tools that provide excellent manipulation of large loads. Take advantage of Flexline's experience to ensure that your tool offers maximum convenience and straight-forward operation.



### Available Options

#### Functional

- Trunnion or cantilever style
- Stationary or mobile (lockable casters)
- Rotation: mechanical using manual worm gear or motorized
- Lifting mechanism: manual or mechanized
- Fixed or adjustable height
- Locking mechanism or rotating mechanism where fixture stays in position with no locking needed after rotation
- Accommodation of fixed work pieces or varied pieces
- Custom mounts (attachment points) for the work piece

#### Construction

- Welded steel or extruded aluminum
- Structural components: steel or stainless steel tubing
- Finishes: powder coating in any color, stainless steel, or stainless steel with electro-polished highly finished surfaces for space applications or other ultra clean environments
- Industrial or Clean room compatible (Class 1000 and 10,000)
- Floor or table top mount

#### Payload/Work-piece

- Size and weight: scalable from less than 100 pounds to thousands of pounds
- Work heights: as needed
- Center of gravity mounting or accommodation of eccentric loads in a controlled manner

#### Delivery

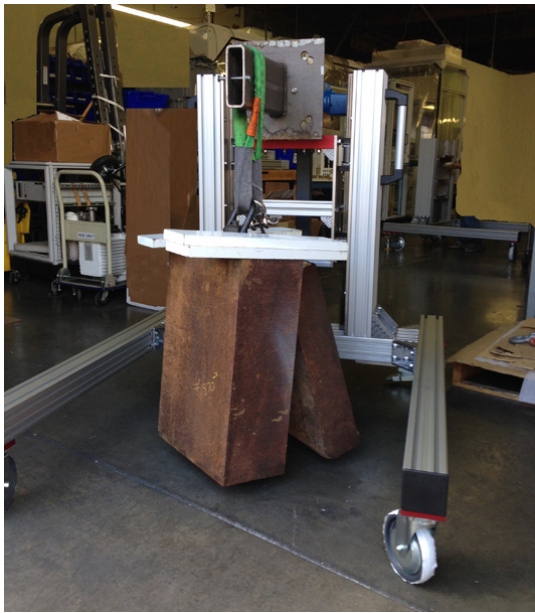
- Crated and delivered anywhere in the world

*Not an exhaustive list.*



### Trunnion/Cantilever Certifications

- In-house design and fabrication
- OSHA proof-load at 1.5x, 2.0x or as specified
- Certification documentation provided as needed
- Third-party certifications performed as needed
- Training available

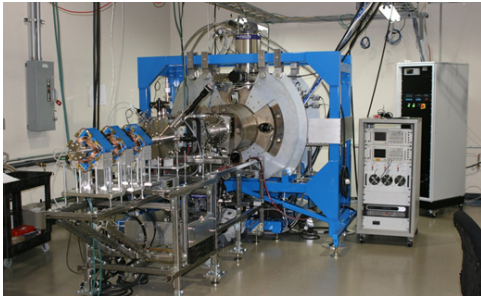
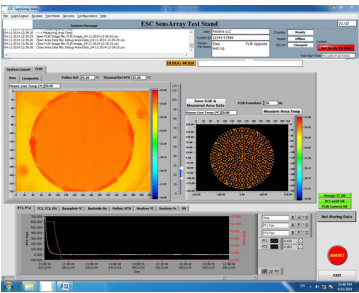


### Other Available Services

- Duplication of existing trunnion or cantilever fixtures
- Recommendation for improvements of existing and new designs
- Custom designs based on customer requirements

Flexline LLC also provides custom solutions for automation, manufacturing and test. Specializing in unique and challenging requirements, Flexline offers:

- Custom, in-house manufacturing and controls development
- System assembly and controls design
- Single-system products or single-task machinery for production
- Concept-design to working equipment solutions



Contact *Flexline* for all your specialized needs.

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