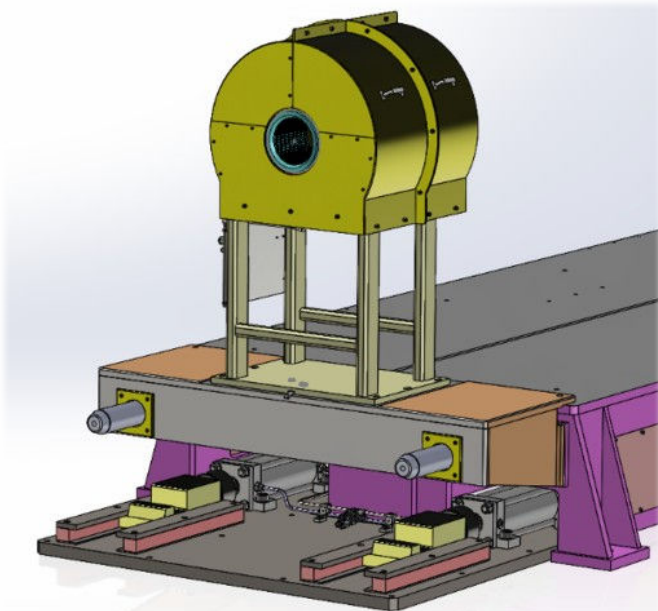


AUTOMATED DOCKING SYSTEM



OVERVIEW

Automated docking systems are composed of high strength and precision pins and bushings, hydraulic actuators, and fixturing carts or pallets. By integrating all pieces, a system is created that allows for high accuracy and precision centerline alignment for units under test. Using sensors and solenoids the docking procedure can be completely automated removing human error of alignment and coupling and greatly increasing efficiency.

KEY FEATURES

- Custom engineered to interface with unit under test
- Stress analyzed for proper load handling and rigidity
- Flexible solutions tailored to specific unit under test
- Integrated with PLC for automation
- Turn-key system delivery
- Hardened and plated precision machined pins and bushings extend wear life
- Hydraulic actuated docking/undocking
- Matched with fixturing carts/pallets
- Modular design for service and compatibility
- Maintains high accuracy and consistent alignment of coupling