

MRO Jet Engine Shops

Lifts for Assemble, Test and Repair

For over 30 years, Unidex has provided lifts and workstations for all types of industries. We have developed a synchronized dual lift system that offers powered lift, upend and rotation.



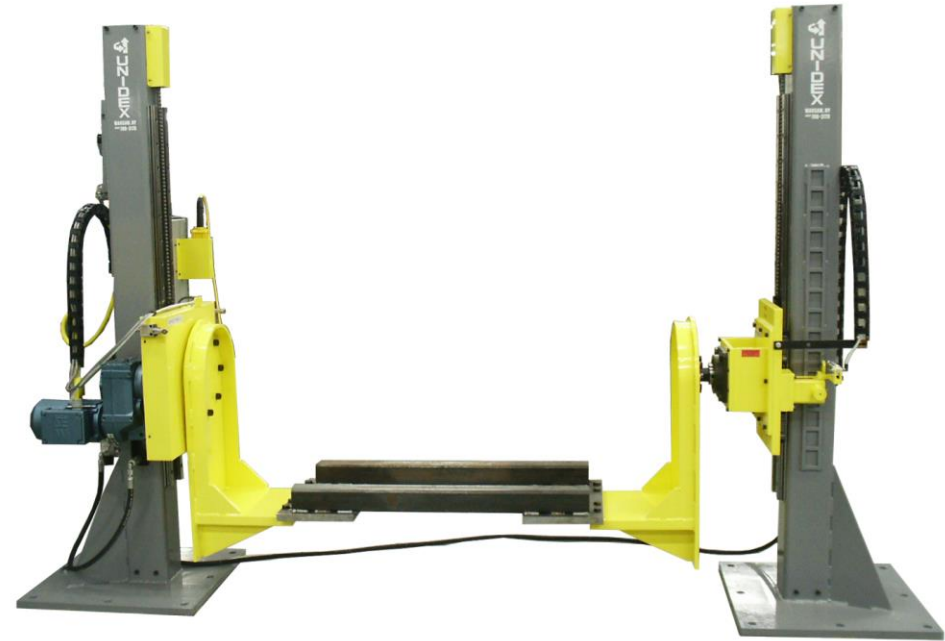


Interface plates can be included to mate
to your existing tooling or fixtures.

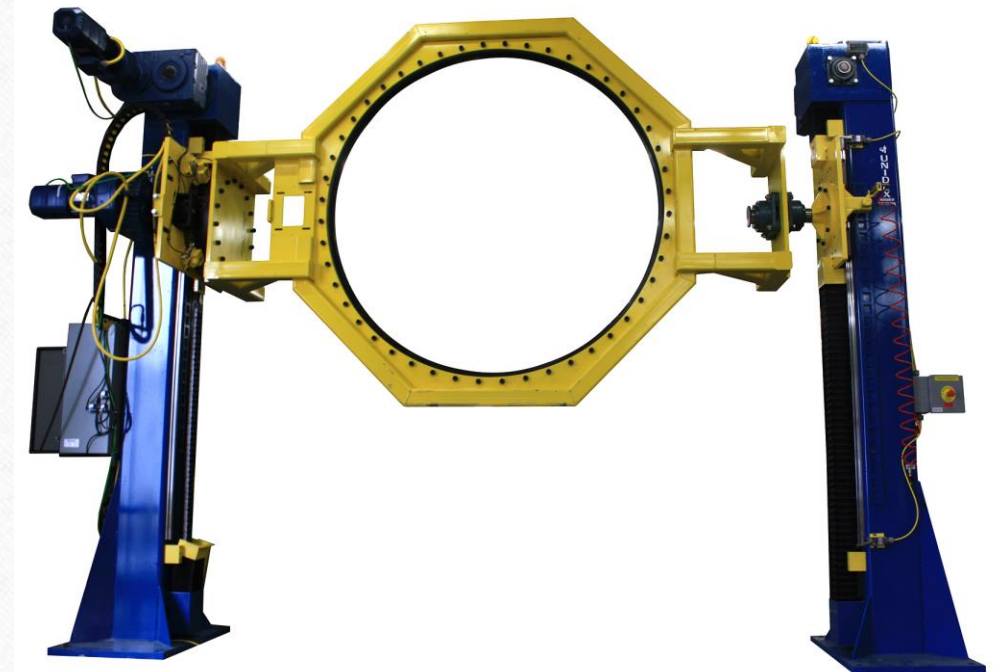
These lifts have a heavy duty support mast using linear rails for smooth precise lifting and quality roller bearings for rotation.



Loading parts with an overhead crane hoist is easily achieved.



Engine Stand with powered turntable and adjustable-height worker platform. The Twin-Column heavy-duty ECL is for handling engines.



Multi-Position Fan Blade Picker ECL. End tooling has a vacuum cup for picking up fan blades for manual placement. The ECL articulated arm has 180° of motion.



8-Ton Heavy Duty 4-Post EH for lifting a strongback with an engine. This has a 38" stroke with all 4 arms lifting simultaneously.



1-Ton Heavy Duty Positioner with chain hoist lifting. This has a 36" stroke.



Portable Electric Platform with custom cage and safety features. This platform lifts a person up into an engine to install a motor.



Portable Electric powered, telescoping lift with tilting end tooling to install cargo doors.



A variety of carts allow for proper height adjustments. (L) Manual Push Cart with manual tilt and rollers to support large rings. (M) Portable Lift to support large ring for fan case housing. (R) Powered Trunion Cart towed with a fork truck.



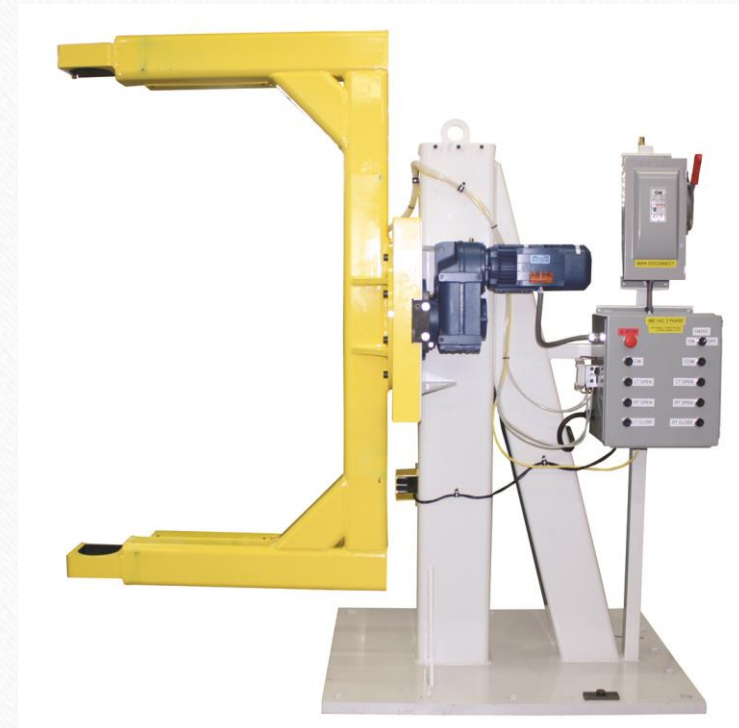
Floor mounted Electric Hydraulic Lift with rotation that interfaces with a cart to lift a composite fan case.



EH Positioner that secures and rotates a 4000-lb. engine for assembly, from a horizontal position to vertical.



EH Positioner that secures and rotates a 7000-lb. mold for rotation from a horizontal to a vertical position.



Portable Lift and tilt stand for checking parts for watertight seal.



Portable/Electric Lift stand with a delrin top and location blocks for assembling engine parts.



Assembly Lift Tables with Aluminum Tops, Tivar Liners and UHMW Liners



Assembly Lift Tables with an assortment of add ons for your project.
Let us know what we can do to help you and your facility.

