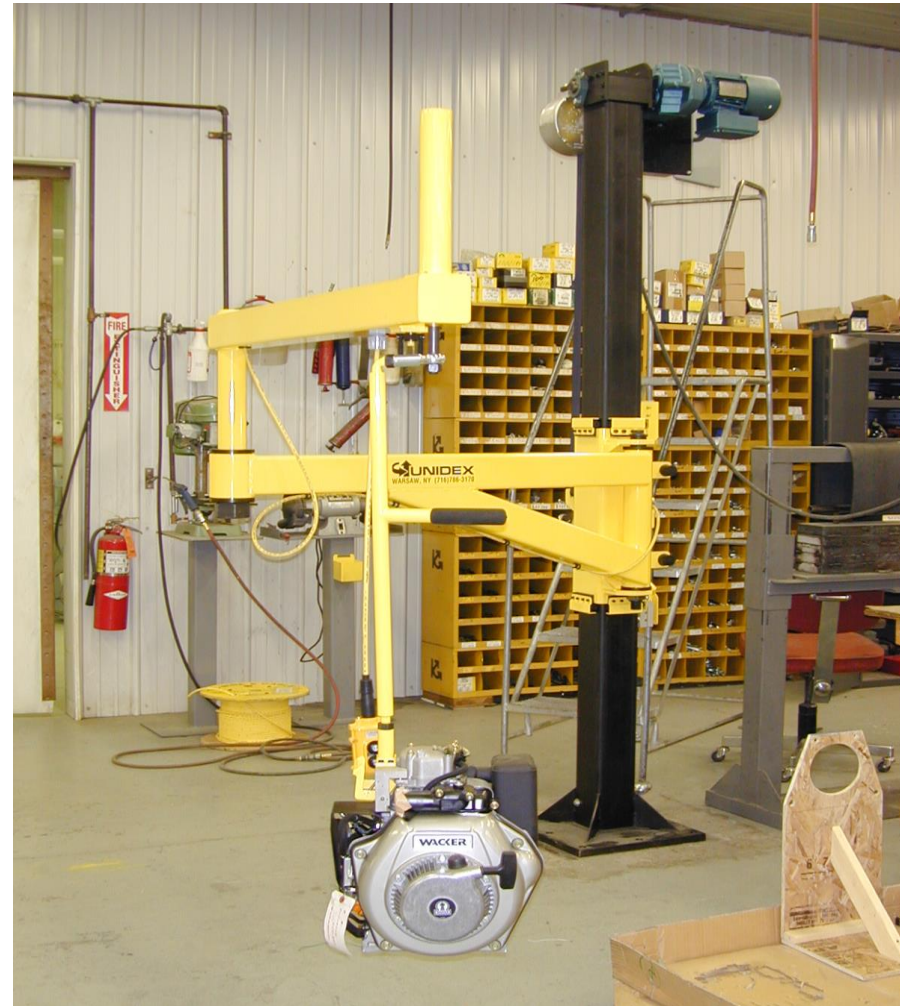


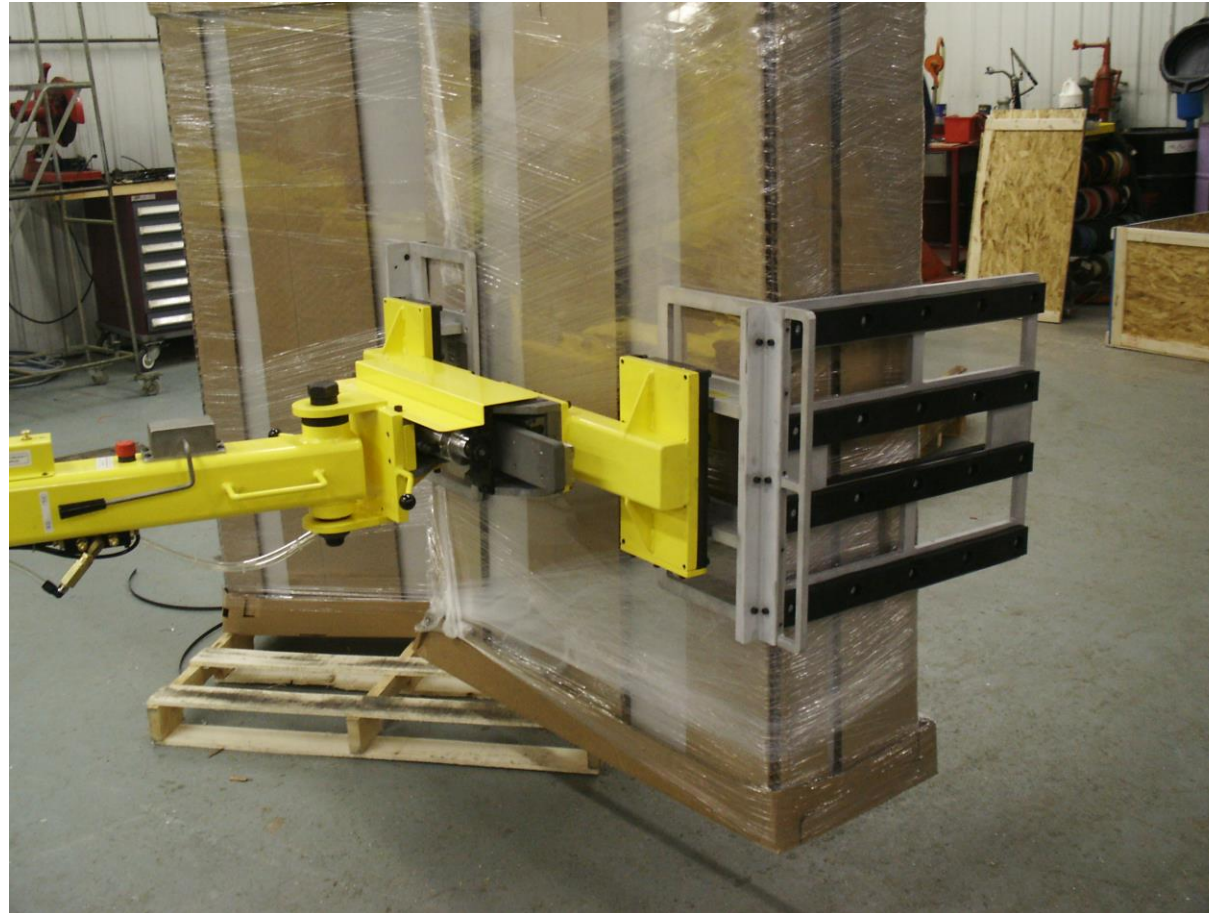
Grippers and Positioners



Unidex designs and builds floor mounted manipulators and positioners with custom end tools for picking, gripping and positioning your product. Whether it is in the raw stage or finished product, let us help you by supporting the load to alleviate back, shoulder and hand strain.



Mounted to the end of this floor mounted manipulator is a custom end tool for gripping and lifting a variety of sizes of cabinets. It picks using wide paddles on a rack and pinion powered gripper from a conveyor to a shipping pallet. The end tool pads can be rotated 90 degrees for stroke adjustment when smaller cabinets are being built.



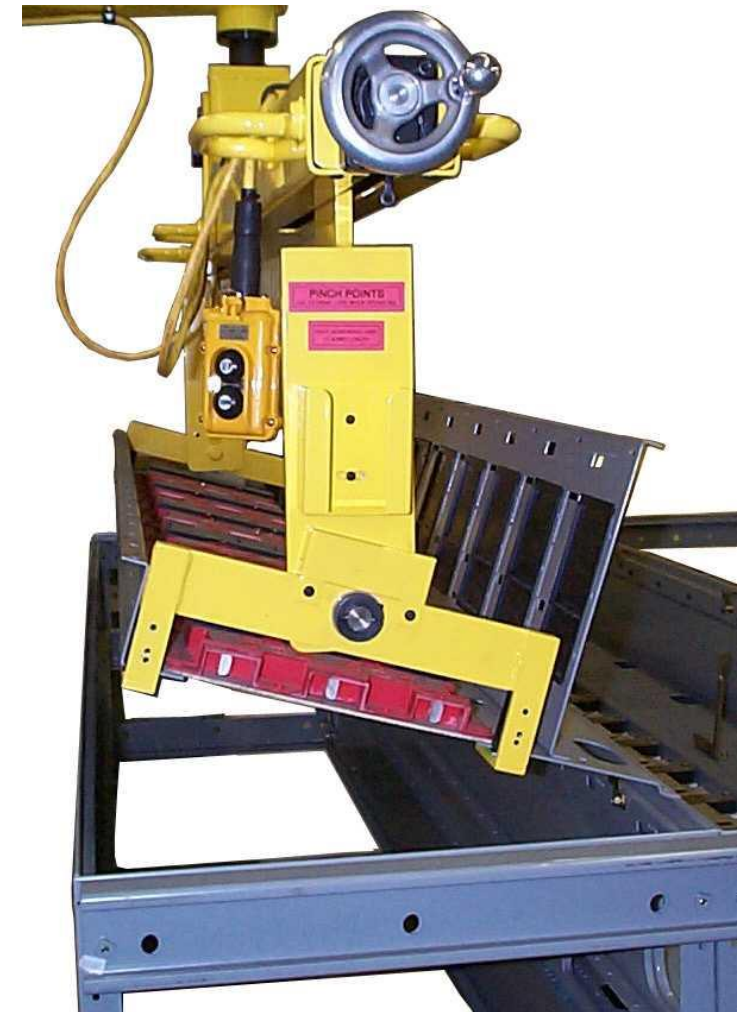
This is a manipulator with an articulating arm and air-operated wide pads to pick and flip radiators. The operators are performing an inspection before it goes to the next operation. The pads are rubber lined so they do not damage the part.



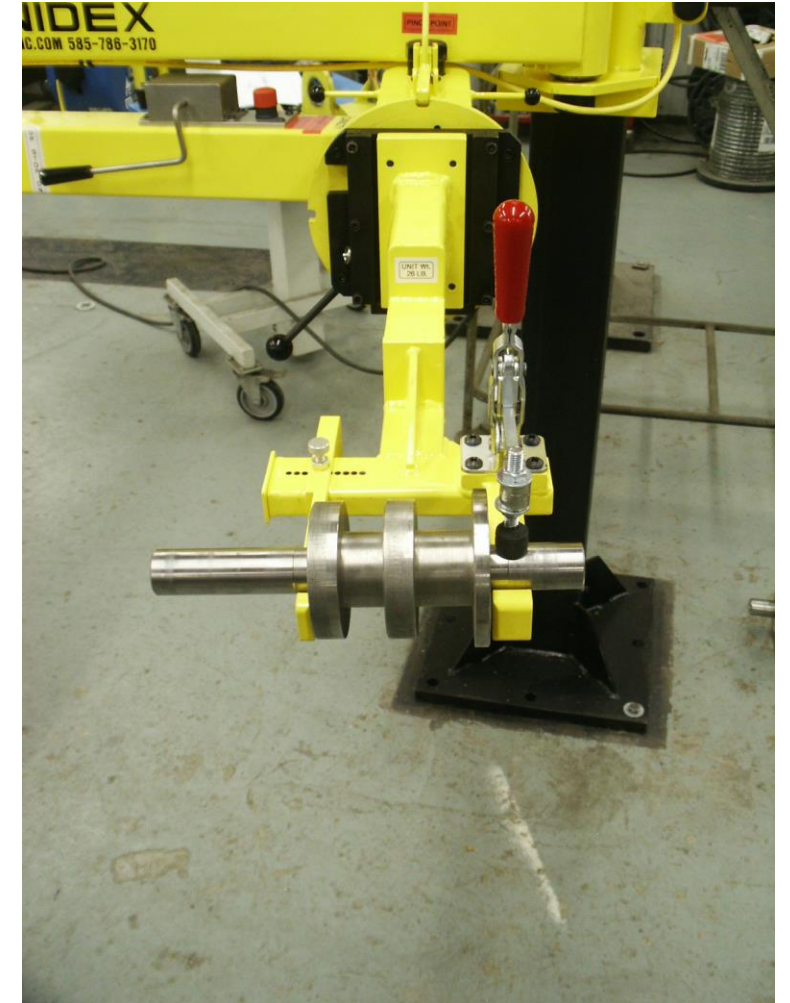
This picture shows a sand casting being gripped and lifted. The pads on this gripper have a scored finish that offers a secure grip with minimal damage. This is attached to a floor mounted manipulator with a drop down arm.



This manipulator is used for picking, lifting and positioning panels into a buss rack. The arms offer in and out adjustment as well as a easy pivot motion. The panels are easily placed by a single operator.



The end tool on the left is picking a blower that is installed in a large commercial oven. It supports the fan and offers an air powered tilt when setting it in place. The tool on the right has adjustments for picking and rotating multiple parts.

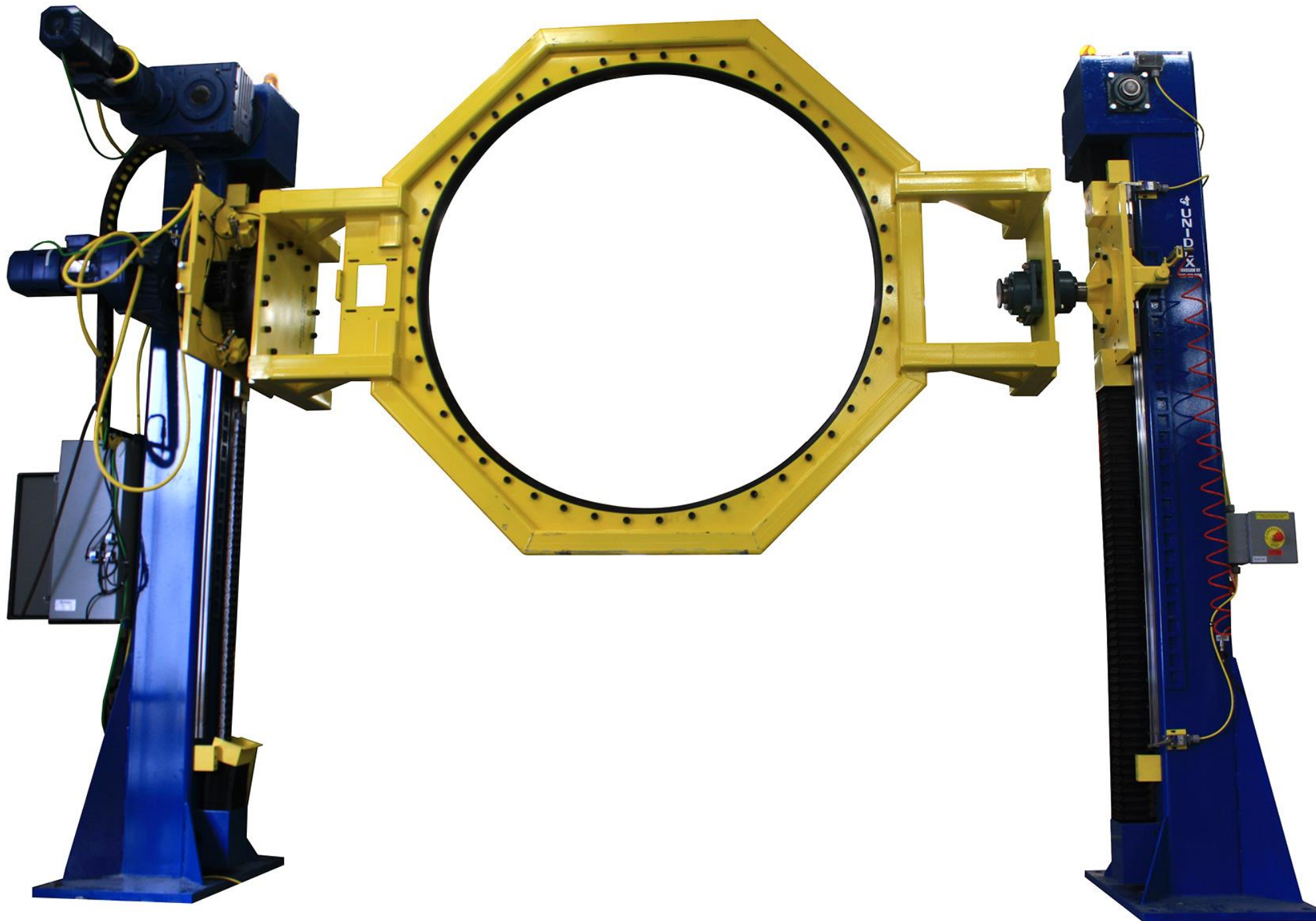


Picking, lifting and rotating a pizza oven for ergonomic positioning during assembly.



Twin columns support a large powered dual rotating trunion. This lift is used for handling jet engines. It provides lift, rotation and up-ending. The next page shows another positioner..

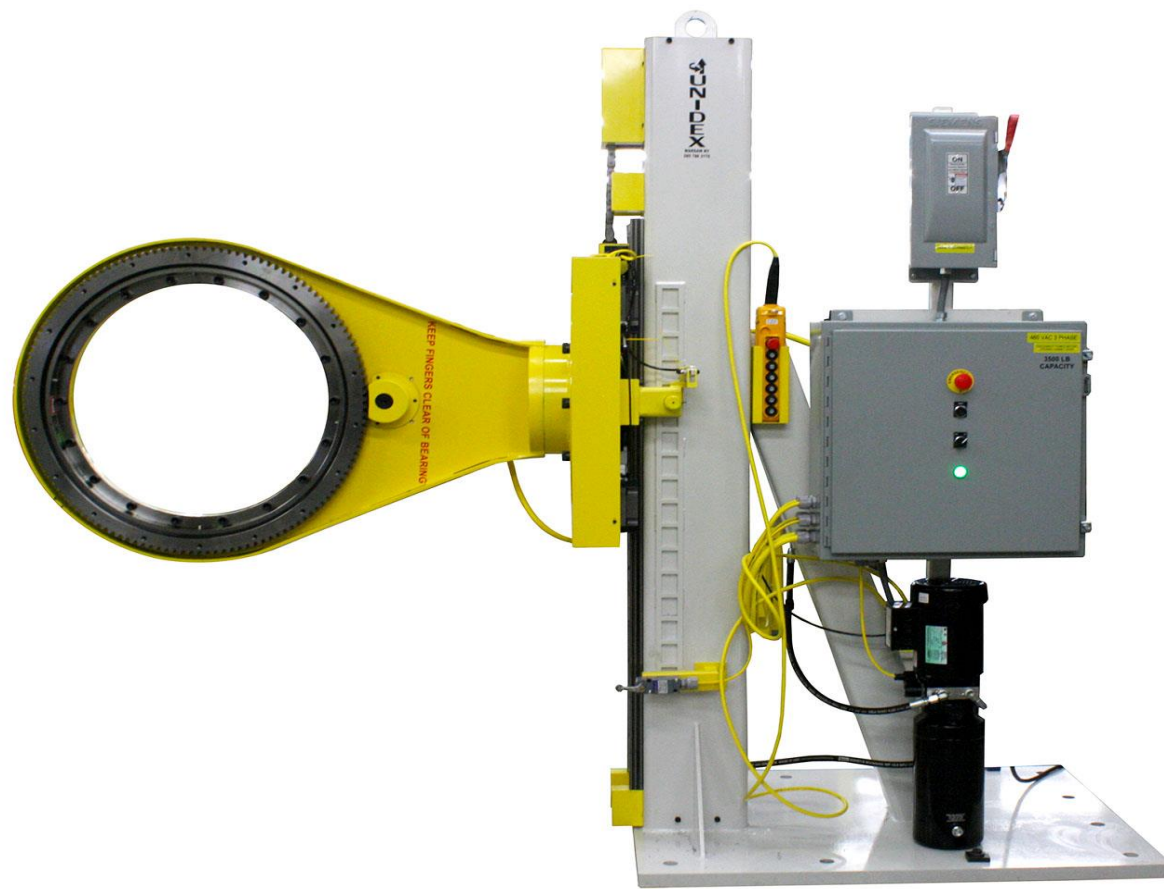




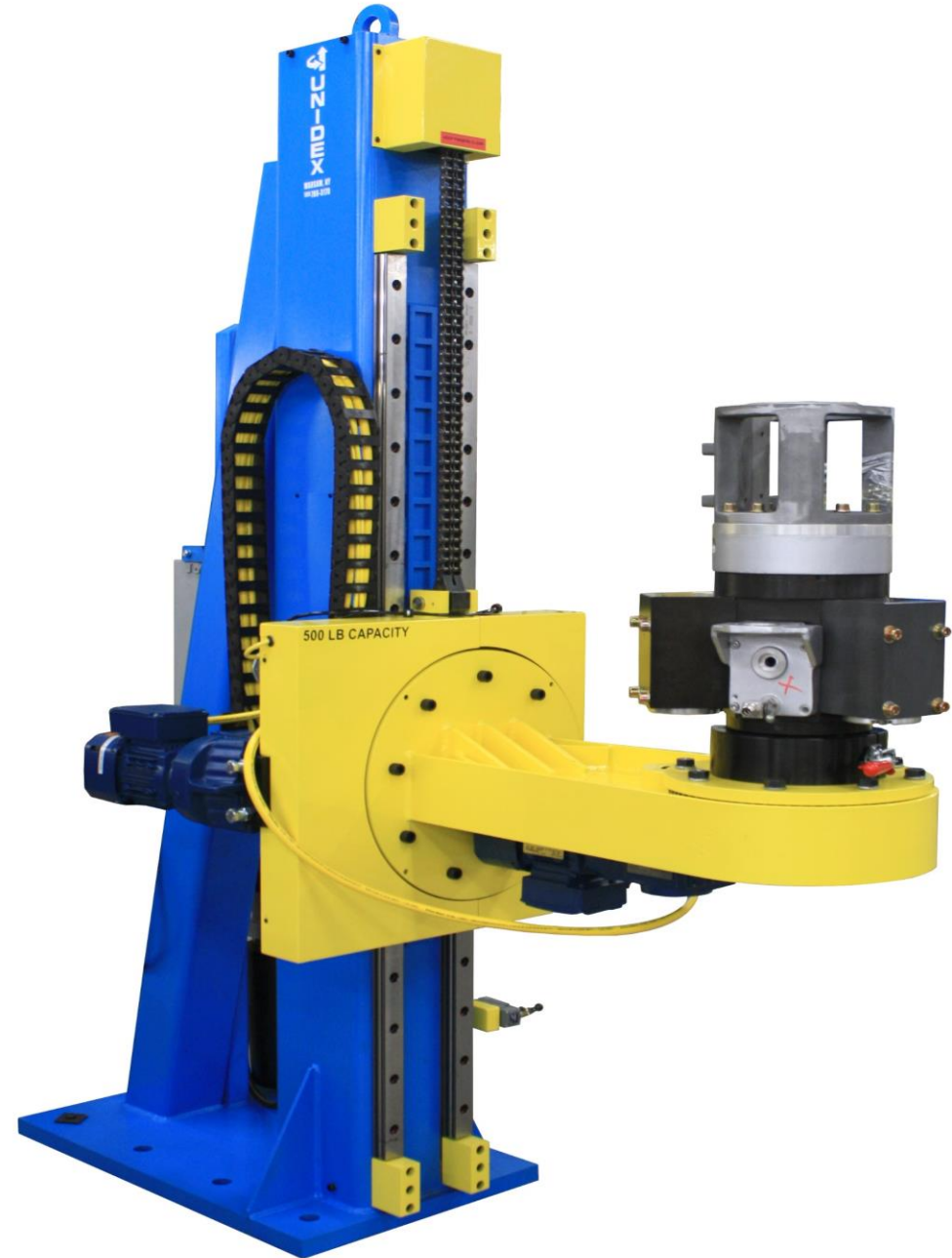
8 ft Slewing bearing
supported by twin
columns to support a
jet engine



On the left is a positioner for lifting and rotating a large casting during assembly. The positioner below lift rotates and upends a 3500 lb part after it is bolted to a sub plate. This is used for assembly and inspection.



This is a positioner that holds a base of a hydraulic power unit during assembly. The completed power unit is long and heavy and our positioner offers height adjustment as well as allowing the unit to index and flip over.



Here is a positioner to lift a part that has openings for fork pockets. The part is loaded and this positioner lifts and rotates 360 degrees for assembly. This unit requires minimal floor space for mounting and can handle up to 1100 lbs.



Let Unidex help solve your next ergonomic problem!

Call 800-724-1302 or email sales@unidex-inc.com

or

Visit our website: www.unidex-inc.com