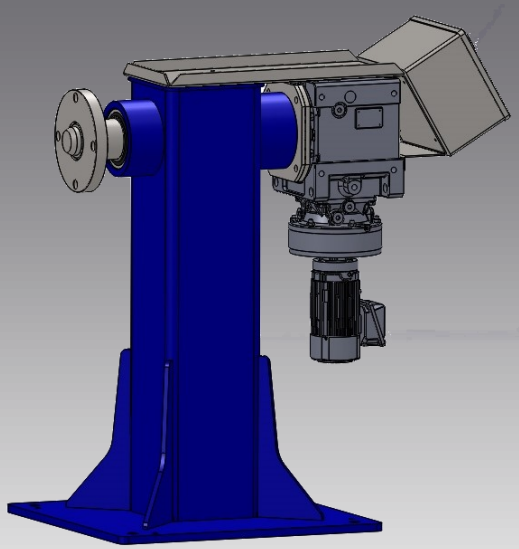
CAPACITY 700 LBS
POWERSTAND

POWERSTAND



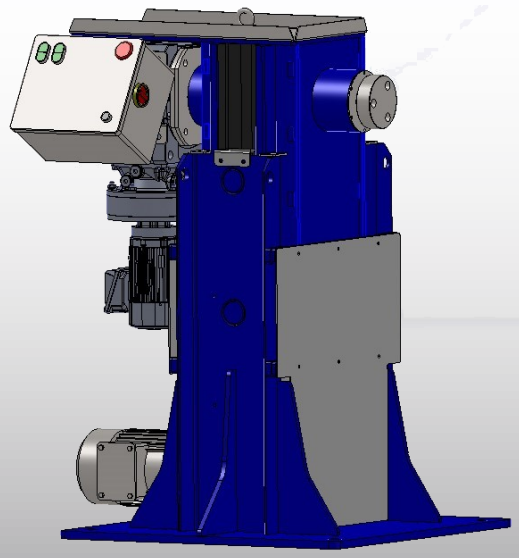
Fixed Height Stand - RFH-xxxx

Rotating engine stand, floor mounted, fixed height. Rotates engine / workpiece clockwise or counterclockwise endlessly in either direction. Requires two handed operation. Press and hold an enable button while pressing a directional control button. Release either button, rotation stops and is held securely in place with an integrated brake motor, even when the center of gravity is not centered in the rotation axis. Tool tray is included. Operator controls can be mounted left, right or back. Power requirements:230/460 3 phase up to 4/2 amps

Note: special foundation requirements may apply.

Model	Capacity	Load cntr	Speed	Torque	Mount	Base	Height *	Weight
RFH-1000	1000 lbs	16”	2.3 RPM	500 ft lbs	Floor	24” sq.	36”	425 lbs
RFH-3000	3000 lbs	24”	1.3 RPM	1500 ft lbs	Floor	31.5” sq.	37.8”	1085 lbs
RFH-4500	4500 lbs	36”	1.3 RPM	1843 ft lbs	Floor	31.5” sq.	37.8”	1250 lbs
RFH-8000	8000 lbs	48”	1.3 RPM	2500 ft lbs	Floor	42”x48”	40”	2240 lbs

* Floor to center of rotation



Adjustable Height Stand - RAH-xxxx

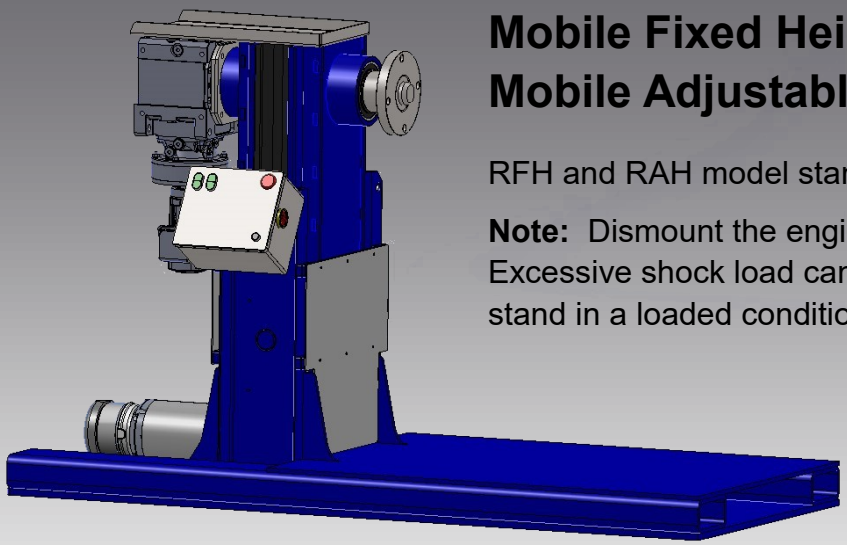
Rotating engine stand, floor mounted, adjustable height. Rotates engine / workpiece clockwise or counterclockwise endlessly in either direction. Also raises and lowers engine / workpiece for added access and clearance. Requires two handed operation. Press and hold an enable button while pressing a directional control button. Release any button, rotation or raising / lowering stops. Positions are securely locked in place with integrated brake motors, even when the center of gravity is not centered in the rotation axis or the stand is under full load. Tool tray is included. Operator controls can be mounted left, right or back. Power requirements: 230/460 3 phase up to 12/6 amps

Note: special foundation requirements may apply.

Model	Capacity	Load cntr	Speed	Torque	Mount	Base	Height - Min/Max *	Weight
RAH-1000	1000 lbs	16”	2.3 RPM	500 ft lbs	Floor	24” sq.	30” / 48”	425 lbs
RAH-3000	3000 lbs	24”	1.3 RPM	1500 ft lbs	Floor	31.5” sq.	32” / 48”	1385 lbs
RAH-4500	4500 lbs	36”	1.3 RPM	1843 ft lbs	Floor	31.5” sq.	32” / 48”	1550 lbs
RAH-8000	8000 lbs	48”	1.3 RPM	2500 ft lbs	Floor	42”x48”	25.5” / 65.5”	3190 lbs

* Floor to center of rotation

POWERSTAND



Mobile Fixed Height Stand - RFH-xxxx-M
Mobile Adjustable Height Stand - RAH-xxxx-M

RFH and RAH model stands on mobile platforms.

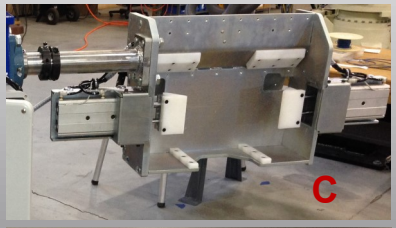
Note: Dismount the engine / workpiece prior to moving the stand. Excessive shock load can result when transporting / moving the stand in a loaded condition causing catastrophic failure.

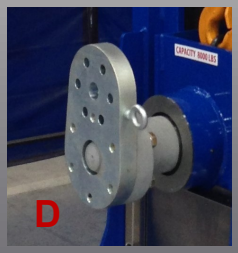
Model	Capacity	Load cntr	Speed	Torque	Mount	Base	Height *	Weight
RFH-1000-M	1000 lbs	16”	2.3 RPM	500 ft lbs	Floor	40”x72”	38”	1130 lbs
RFH-3000-M	3000 lbs	24”	1.3 RPM	1500 ft lbs	Floor	40’x83”	38”	1750 lbs
RFH-4500-M	4500 lbs	36”	1.3 RPM	1843 ft lbs	Floor	40’x83”	38	1900 lbs
							MIN / MAX	
RAH-1000-M	1000 lbs	16”	2.3 RPM	500 ft lbs	Floor	24” sq.	33” / 48”	1330 lbs
RAH-3000-M	3000 lbs	24”	1.3 RPM	1500 ft lbs	Floor	40’x83”	33” / 48”	1950 lbs
RAH-4500-M	4500 lbs	36”	1.3 RPM	1843 ft lbs	Floor	40’x83”	33” / 48”	2150 lbs

* Floor to center of rotation

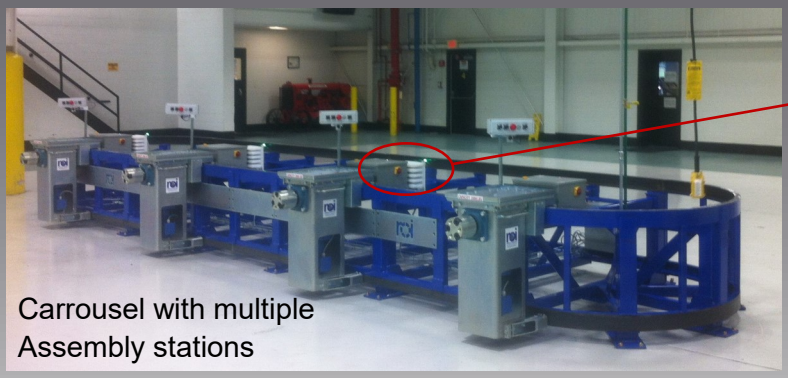
Fixtures and Motor mounts

A	Die Exchange Plate mounted in a jib crane column	TBD
B	Motor mount for Diesel engines - connects to transmission	MA11-16
C	Assembly fixture for brake calipers	TBD
D	Motor mount for 6500 lb. engine	TBD
E	Assembly fixture for aircraft engine	TBD

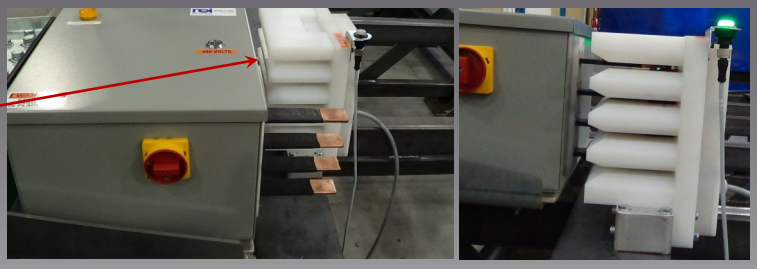




Model: RAH-8000



Carrousel with multiple
Assembly stations



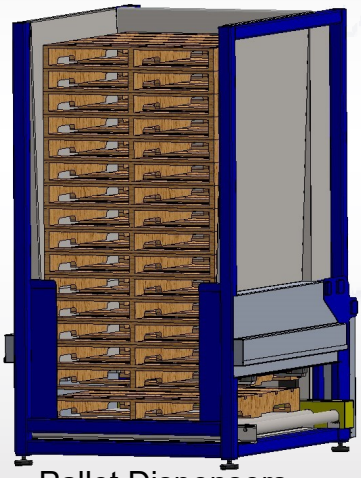
Customized Electrical Distribution

Station is powered only when assembly station is engaged in the electrical distribution block.

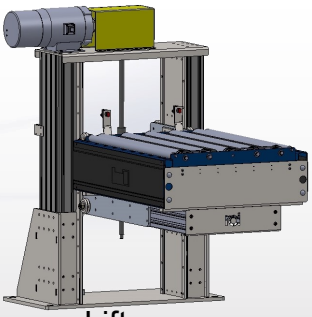
Rotary Manipulators

PALLETPOD
The Mobile Compact Palletizer

Layer Grippers



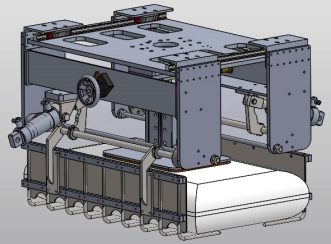
Pallet Dispensers



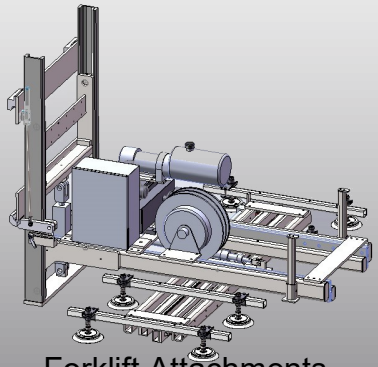
Lifts

Robot Pedestals

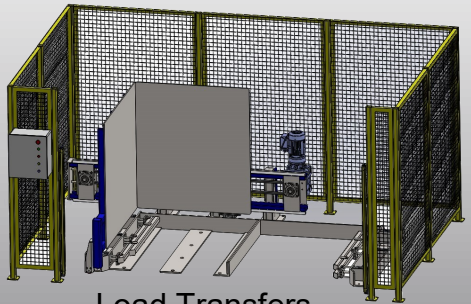
High Flow
Vacuum valves



Bag Grippers
Custom EOAT



Forklift Attachments



Load Transfers

Represented by:

ROI INDUSTRIES GROUP
PO Box 2884
Durham, NC 27715
Ph: 919-788-7728
www.ROIindustries.com
Info@roimachinery.com