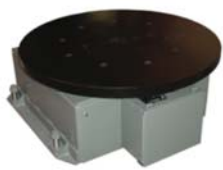


ROBOTIC POSITIONERS



Floor Turntable



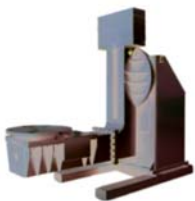
H-Frame



Headstock



Robot Transport
Units



Skyhook



Drop-Center



5-Axis Positioners



Floor Turntable



Preston-Eastin manufactures single vertical axis robotic floor turntables with up to 50,000 kg capacity. The units are designed to accept servo motor and external axis control from robot. Alternately, servo motor and controls or variable frequency drive and motor can be supplied by Preston-Eastin.

FEATURES

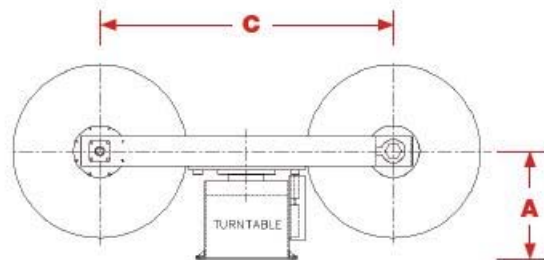
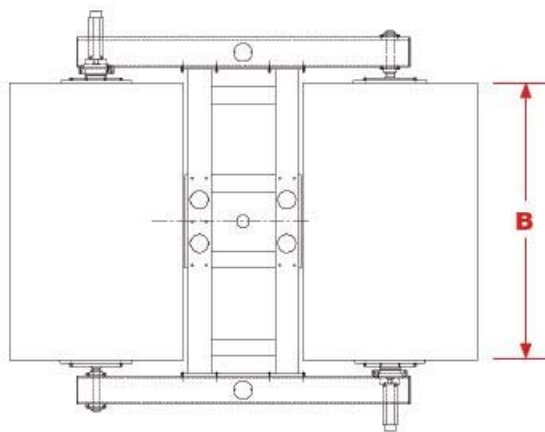
- 60" diameter blanchard ground steel table
- Options: Common skid with riser, table through-hole, other table modifications



H-Frame



Preston-Eastin manufactures H-frame positioners with double horizontal axes and a single vertical sweep axis with up to 2,500 kg capacity per side. The units are designed to accept servo motor and external axis control from robot. Alternately, servo motor and controls or variable frequency drive and motor can be supplied by Preston-Eastin.



RH3M Dimension (H-Style Positioner)

Model	Load Capacity	A	B*	C	Table Size**
RH3M-10	1,000 KG	36"	Specify	30"	24"
RH3M-15	1,500 KG	36"	Specify	30"	24"
RH3M-30	3,000 KG	36"	Specify	30"	36"
RH3M-45	4,500 KG	36"	Specify	30"	36"
RH3M-55	5,500 KG	36"	Specify	30"	48"
RH3M-150	15,000 KG	51.5"	Specify	42"	48"
RH3M-300	30,000 KG	51.5"	Specify	42"	48"

*Customer Specified Dimensions

**Recommended Size

Robotic Positioners

Made In The USA

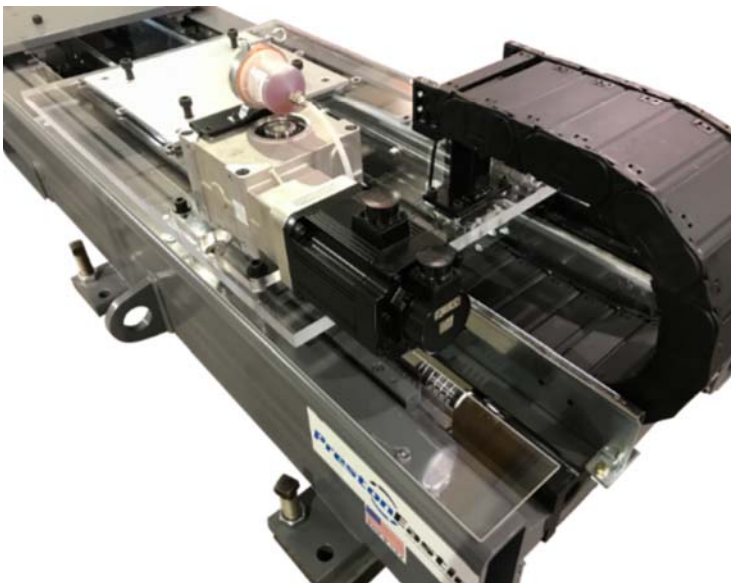
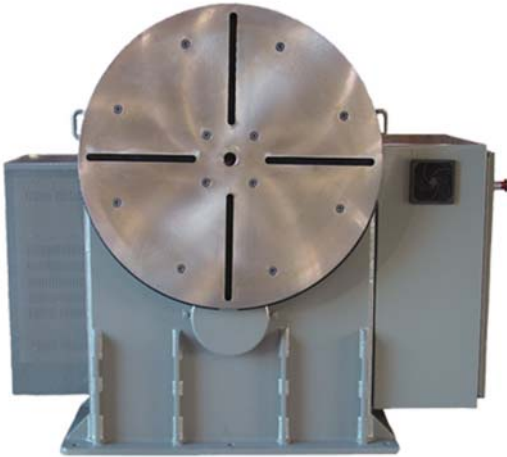


Headstock

Preston-Eastin manufactures single horizontal axis robotic headstock and tailstocks with up to 16,000 kg capacity. The units are designed to accept servo motor and external axis control from robot. Alternately, servo motor and controls or variable frequency drive and motor can be supplied by Preston-Eastin.

FEATURES

- Custom mounting and faceplate configurations
- Adjustable tailstock mounting for varying faceplate distances (manual or powered)
- Options: Through-hole, elevating feature, powered shot pins

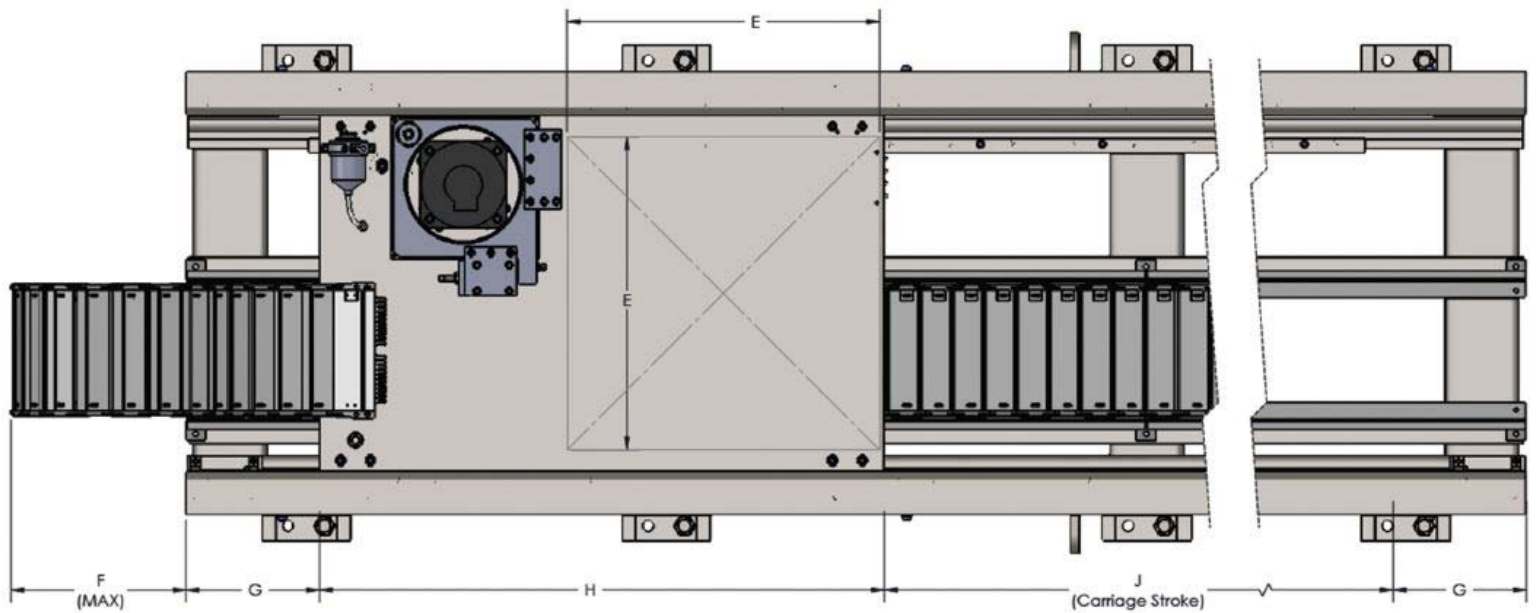
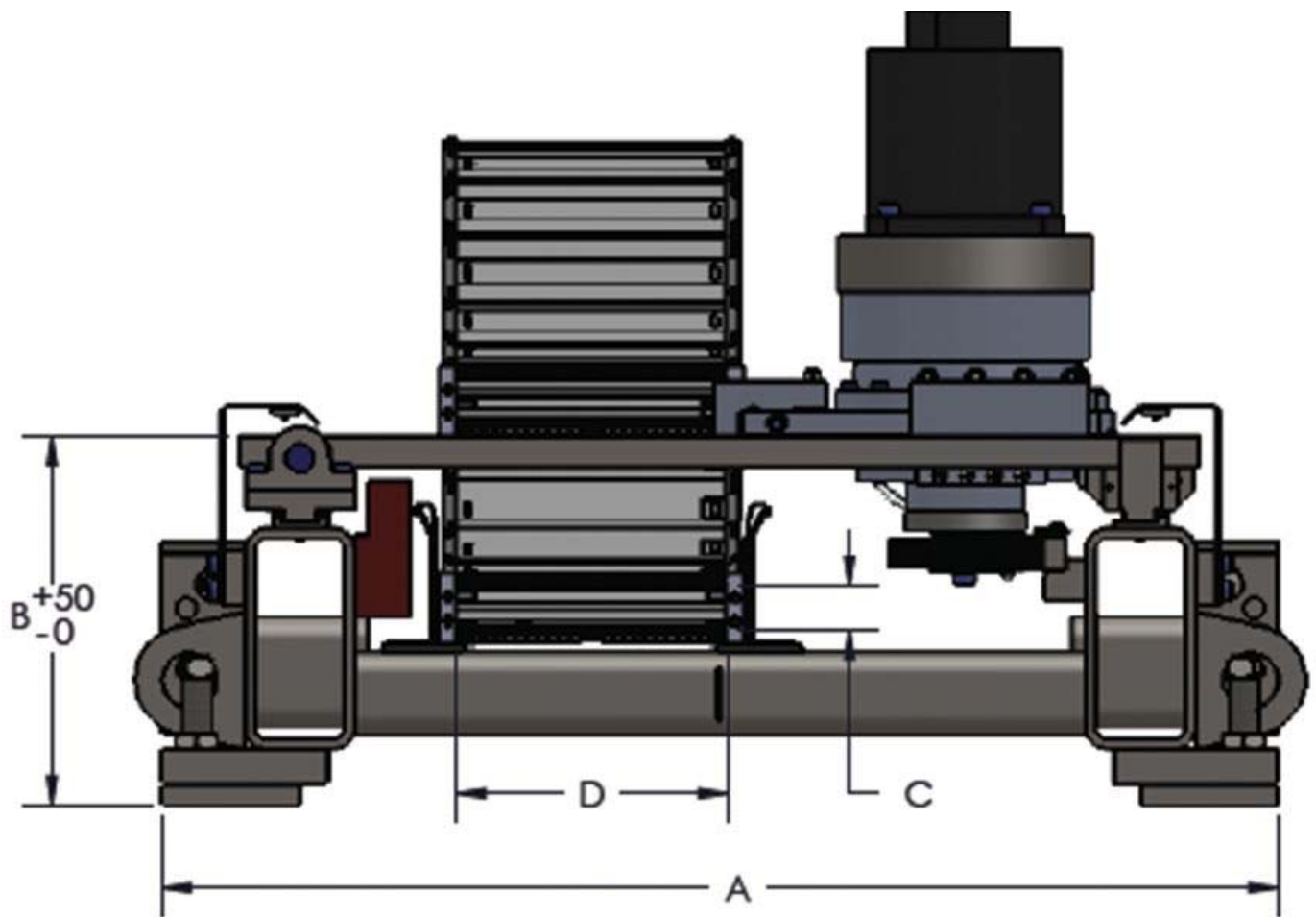


Robotic Positioners

Robot Transport Units **Play Video**

Preston-Eastin robot transport units (RTUs) provide precise linear movement for robotic applications. Whether you are welding, material handling, or painting, Preston-Eastin has the right RTU for your application. Our robust designs distinguish us from our competitors providing for low maintenance and reliable positioning solutions that maximize up-time. Specializing in customized designs, Preston-Eastin insures that your RTU is exactly what you need for your application.

Click on the links below to download a 3D model to see which RTU will serve you best.



Model	Rail Size	Rated Capacity	A	B	C	D	E
RTU 30 (LD)	30mm	700 kg	830mm	330mm	42mm	168mm	500mm
RTU 35 (MD)	35mm	1,200 kg	1,030mm	340mm	42mm	250mm	650mm
RTU 45 (HD)	45mm	2,400 kg	1,360mm	360mm	56mm	350mm	950mm
RTU 55 (XHD)	55mm	36,00 kg	1,680mm	430mm	56mm	350mm	1,00mm

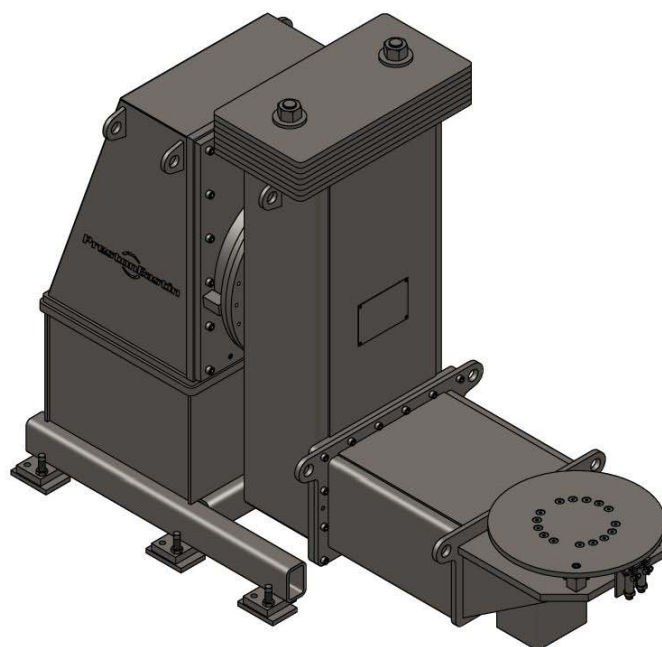
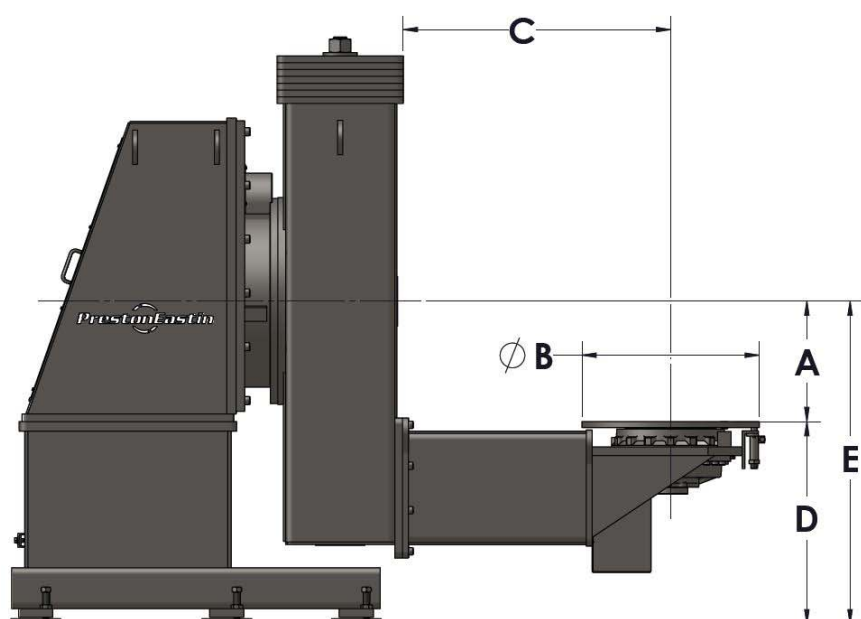
Robotic Positioners

Skyhook

**Play
Video**



Preston-Eastin manufactures two axis robotic sky hook positioners with up to 30,000 kg capacity. The units are designed to accept servo motor and external axis control from robot. Alternately, servo motor and controls or variable frequency drive and motor can be supplied by Preston-Eastin. The skyhook positioner provides 2-axis motion, continuous rotation, and $\pm 180^\circ$ tilt from the horizontal table position. The worktable's surface can be specified at specific distance below the tilt axis and away from the swing arm.





Robotic Positioners Drop-Center

**Play
Video**

Made In The USA

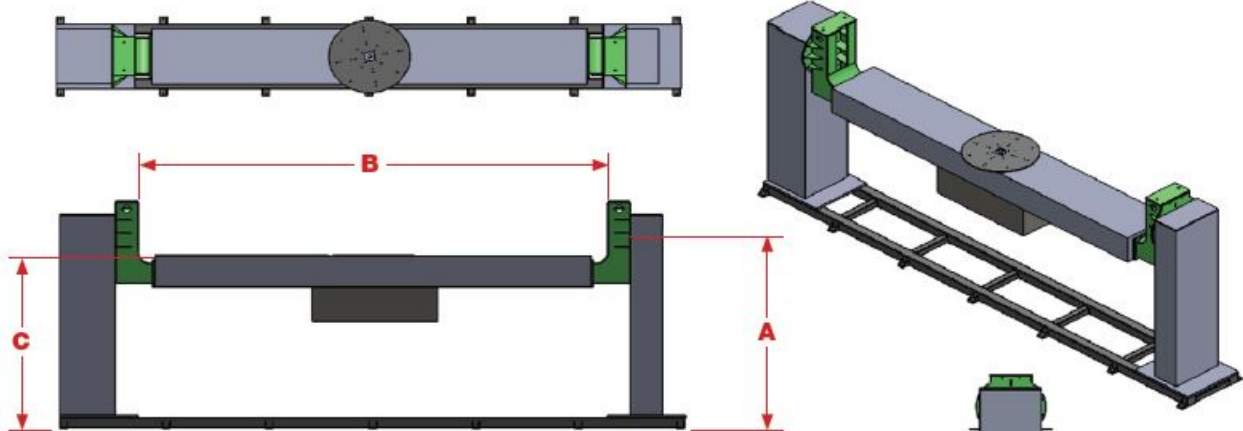


Preston-Eastin manufactures drop center welding positioners featuring either two or three axes with up to 30,000 kg capacity. The main axis and table axis both feature 360 degree rotation and a third elevation axis can be included if needed. The units are designed to accept servo motor and external axis control from robot. Alternately, servo motor and controls or variable frequency drive and motor can be supplied by Preston-Eastin.

FEATURES

- Drop center span is customized to accommodate desired workpiece

Robotic Dropcenter and Skyhook Positioners Dimensions



RDCM Dimensions (Dropcenter Positioners)

Model	Load Capacity	A	B*	C	Table Size**
RDCM-10	1,000 KG	36"	Specify	30"	24"
RDCM-15	1,500 KG	36"	Specify	30"	24"
RDCM-30	3,000 KG	36"	Specify	30"	36"
RDCM-45	4,500 KG	36"	Specify	30"	36"
RDCM-55	5,500 KG	36"	Specify	30"	48"
RDCM-150	15,000 KG	51.5"	Specify	42"	48"
RDCM-300	30,000 KG	51.5"	Specify	42"	48"

*Customer Specified Dimensions

**Recommended Size

Options



VFS-20: Variable Speed Foot
Switch



Wireless Pendant



Robotic Positioners

5-Axis Positioners

PrestonEastin manufactures Robotic Tilt Rotate 5-axis positioners (RTR5) for multiple part handling and processing applications. The units are designed to accept servo motor and external axis control from the robot controller. Alternately, servo motor and controls or variable frequency drive and motor can be supplied by PrestonEastin. The RTR5 positioner provides 5-axis motion and an optional mounting area for a robot. The main sweep axis provides 180° indexing, and the part axis provides continuous horizontal rotation and tilting from the horizontal table position. The worktable surfaces can be customized for various sizes and set at specific distances as needed. An optional arc screen can be provided for arc flash protection during welding applications.