



Posi-Gantri™

Material handling system suspends and rotates objects 360 degrees or more with controlled rotation.

The Posi-Gantri™ is a versatile tool used to turn loads in areas where using an overhead crane is not feasible. The Posi-Gantri™ can span a workbench or area where loads need to be turned during fabrication, assembly, or maintenance. The optional chain hoist can be used to place the load into the rotation slings, or a fork lift can

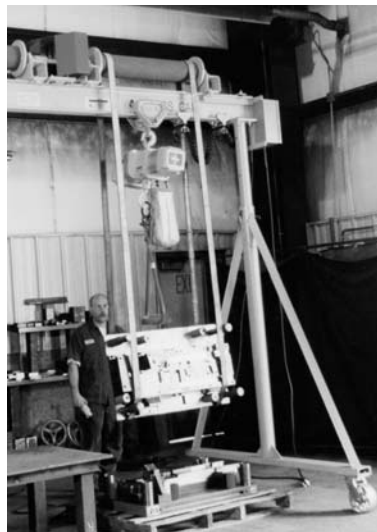
perform this function when bringing the load to the area. Posi-Gantri™ heights can be fixed or adjustable and equipped with or without casters. Rotation slings can be polyester or wire mesh. Specials can be designed to fit your specific requirements.



Shown with optional hoist package

PRODUCT FEATURES:

- Complete material handling system.
- Heavy duty non-slip drum surface.
- Heavy duty worm gear reducer with chain and sprocket final drive.
- Electric brake motor.
- Bolted assembly to head beam.
- Push button pendant control.
- Posi-Gantri™ can be ordered either with fixed or adjustable heights. Please refer to our Krane-King® section for additional gantry crane information.
- Can also be added to existing gantry cranes, please contact factory for details.



Posi-Gantri™ - Application Evaluation



The Caldwell Group • 800-628-4263 • www.caldwellinc.com

Posi-Turner® Section
2011-2013 Master Catalog

PRODUCT:

Product to be handled: _____

Maximum: Weight _____ Length _____ Width _____ Height _____

Minimum: Weight _____ Length _____ Width _____ Height _____

Does product have: Sharp Edges/Corners Protrusions Welding Application

Is temperature of product at time of handling over 150° F? No Yes Temperature: _____

Type of slings preferred: Polyester Steel Mesh Chain

Decision time frame and expected delivery: _____

WORK AREA:

Floor space available: Length _____ Width _____

Ceiling height: _____

Is product lifted from: Floor Worktable Fork Lift

Size of worktable: Length _____ Width _____ Height _____

Will product be rotated over worktable: Yes No

Amount of rotation: 90° 180° 360°

Describe any hazardous conditions: _____

POWER REQUIREMENTS:

Electrical: DC AC Voltage _____ Phase _____ Cycle _____

Pneumatic: Pressure _____ Flow _____ Line Size _____

OTHER OPTIONS:

Chain Hoist: Manual Electric

Power Cord Tag Line

Wheel Locks

Swivel Locks

Combined Pendant With Hoist

Contact: _____

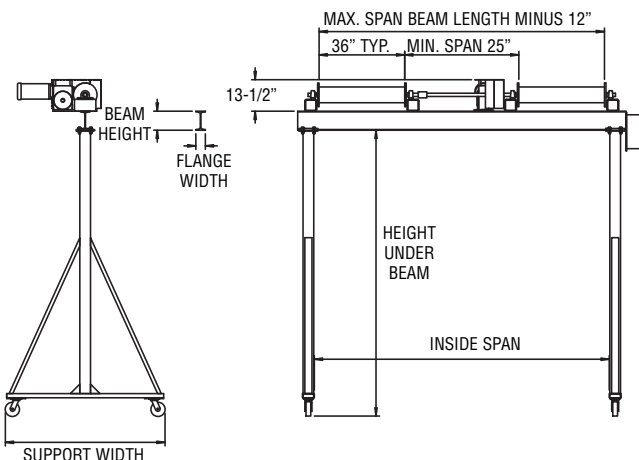
Company: _____

Address: _____

City, State Zip: _____

Phone: _____ Fax: _____

Email: _____



For a price quote on your specific application, please complete the above application form and fax this along with a photo, sketch, or drawing of the product being rotated to The Caldwell Group at **815-229-5686** or you can complete this form online at www.caldwellinc.com/applications.

Posi-Turner® Sling Styles



The Caldwell Group • 800-628-4263 • www.caldwellinc.com

Sling Styles

The Posi-Turner® can utilize several types and configurations of slings to suit every application. Certain parameters should be considered in the sling type selection such as: heat, sharp edges, welding applications, environment, etc. In most cases, a disconnect link is used so that one end of the sling can be inserted under a load.

Style	Use/Application
Polyester Slings	Soft, pliable slings are ideal for most applications, especially when the object being turned must be handled gently.
Polyester Slings with PVC Protective Surface	MOST POPULAR SLING: Tough PVC surface is stitched onto inner surface of the polyester sling. Gentle to the product, but minimizes damage to the sling from sharp edges and abrasion.
Metal Mesh Slings	Requires rubber belt lagged drum on Posi-Turner®. Heavy duty (10 GA) fabricated wire mesh sling. Not damaged by sparks if product is welded while in slings. Used when polyester slings are not suitable.
Ladder Sling	Two eye-to-eye slings are connected at intervals with sling “rungs” to form a ladder shape. Used to cradle and turn cylindrical objects end-over-end.
Sling Links	Heavy duty fabricated steel links. Used to connect the ends of eye-to-eye polyester slings. Eye-to-eye slings are often easier and faster to position than endless slings.
Sling Link Covers	Cordura fabric covers with velcro fasteners. Wrapped around sling links to prevent direct contact between links and object being turned.
Sling Protective Devices PVC Pads Metal Pads	Prevents damage to slings from sharp edges and corners. Used in addition to PVC pad usually sewn on slings. PVC pads are stripped onto the slings and slid into position over the sharp edges. Metal pads are placed between the sling and the sharp edge as the object is turned. These pads may be attached to the object being turned with magnets.
Additional Sling Eyes (single ply slings only)	Extra sling eyes are sewn on sling at specific location. The operator adjusts the length of the sling to the product. Used when headroom is limited and product size varies.



Polyester Slings with PVC Protective Surface



Rubber Belt Lagged Drum for use with Metal Mesh Slings



Sling Links & Cover

Posi-Turner® Options



The Caldwell Group • 800-628-4263 • www.caldwellinc.com

Posi-Turner® Section
2011-2013 Master Catalog

Options

Many different options allow your Posi-Turner® to be configured to your specific environment and application. If you don't see a desired option listed, please contact our application specialist to discuss your needs.

Option	Features
Power Cord Reel	The standard Posi-Turner® is provided with a pig-tail power cord with both male and female connectors. The Optional Power Cord Reel allows the Posi-Turner® to be connected to the power supply to keep cords controlled while moving the lifter up and down.
Pendant Cord Reel	Keeps the Push-Button Pendant cable contained.
Remote Control Push-Button	A cable-free, hand held option for controlling your Posi-Turner®.
Alternative Voltage	Different voltage power supply required alternative voltage designed into your Posi-Turner®. Let us know what your requirements and we will design your lifter to correspond.
Alternative Power Supply	No Electricity? We can design your Posi-Turner® to run on pneumatic or hydraulic power.
Rubber Belt Lagged Drum	Required for all Posi-Turner® units with that utilize metal mesh lifting slings.
Sling Guide	Controls the location of the sling on the drum to help prevent sling from moving up and down the load or drum during the rotation process.
Additional Lifting Eyes	For multiple lifting points.
Caster Wheels	This option allows the unloaded Posi-Turner® to be rolled from one location to another.



Cord Reel



Remote Control Push-Button



Custom Sling Guide

