



## SL, SBL, MBL-Series Telescopic Hydraulic Gantry

No. 1 Choice  
by Heavy Lifting  
and Rigging  
Professionals

The Ultimate in  
Safety and Control



**ENERPAC** 

# Why Choose Enerpac's Telescopic Hydraulic Gantries?

**ENERPAC**   
POWERFUL SOLUTIONS. GLOBAL FORCE.



## Precision Lift and Position of Heavy Loads

The Ultimate in Safety and Control



### Highest Quality

- Enerpac adheres to the highest quality standards and maintains rigid QA manufacturing processes
- Lloyd's witness tested to 125% of maximum working load

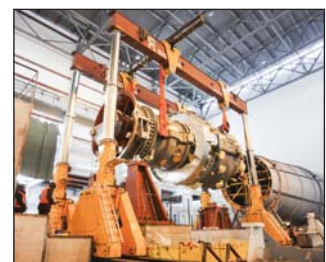


### Best Support

- Product training is available at our place or yours, to insure operators are fully trained prior to using the equipment
- Our global staff is available to help anywhere the equipment may be in operation

### Proven Safety

- All Enerpac gantries comply to ASME B30.1 and other Safety Standards
- Advance technology and controls alert operator of unsafe conditions and stops gantry operations



# Telescopic Hydraulic Gantries



## Hydraulic Gantries

Hydraulic Gantries are a safe, efficient way to lift and position heavy loads in applications where traditional cranes will not fit and permanent overhead structures are not an option.

Hydraulic Gantries are placed on skid tracks to provide a means for moving and placing heavy loads, many times with only one pick.

Enerpac offers three series of Hydraulic Gantry systems:

- The cost-effective **SL-Series Super Lift** with best-in-class control and comparable capacity utilizing telescopic cylinders offered in 2 or 3 stages

- The heavy-duty **SBL-Series Super Boom Lift** with capacities up to 1,200 tons and 3-stage lifting capability through the boom structure
- The **MBL-Series Mega Boom Lift**, which incorporates all features of the SBL-Series and offers full lifting capacity over the entire stroke

All Enerpac gantries are delivered with specific properties and control systems to ensure optimum stability and safety.

### Standard Features

- Self-contained hydraulics
- Wireless Intellilift controls
- Synchronous lifting and lowering
- Self-propelled wheels or tank rollers with synchronized travel.



1	Gantry Leg	Required
2	Skid Track	Required
3	Side Shift	Optional
4	Header Beam	Required
5	Lifting Anchor*	Optional
6	Intellilift	Included

\*In the illustration Side Shifts are shown. However, some loads can be lifted with Lifting Anchors. For this reason a Lifting Anchor is shown.

## SL SBL MBL Series



Capacity 4 legs:

**67-1178 tons**

Lift Height:

**15.43-47.74 feet**



### INTELLILIFT

The Intellilift wireless control system is included with all Enerpac hydraulic gantries.

The Intellilift controller offers superior safety and control and includes the following features:

- Encrypted bi-directional communication that eliminates interference from other devices
- Remote operation using multi-channel wireless (2.4 GHz) or wired (RS-485) control
- High and low speed settings
- Automatic synchronization of lifting with an accuracy of 1 inch (25.4 mm)
- Automatic synchronization of travelling with an accuracy of 0.60 inch (15 mm)
- Overload and stroke alarms
- Remote side shift control
- Emergency stop switch



▼ Typical SL400 configuration with Skid Tracks, Header Beams and Side Shifts



- Build-in load holding valves to prevent drifting
- Double-acting cylinders with internal retract porting eliminate hazards to external plumbing
- SL60 and SL125 are provided with a hand crank to easily switch to free wheel mode
- SL400 utilizes same accessories as SBL-Series



◀ SL400 Gantry during load testing.

## SL Series

Capacity (4 legs):

**67-450 tons**

Lift Height:

**15.43-30.00 feet**



### Skid Tracks

Skid tracks used for leveling and load distribution. Available in two standard lengths, 10 feet and 20 feet and reduce ground bearing pressure.

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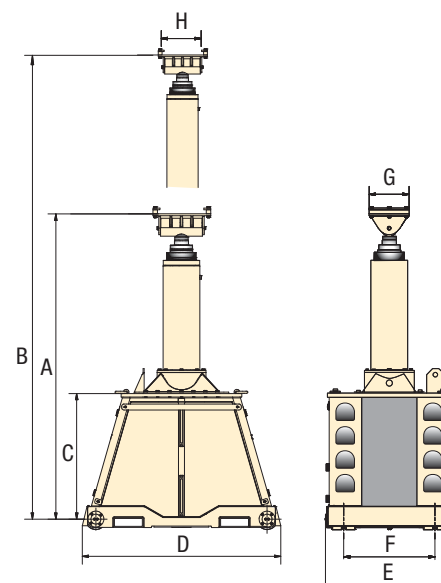


### Header Beams

Sold in pairs and includes lifting points and fork pockets for easy positioning on gantry towers.

Available in 26.24 ft., 32.80 ft. and 39.36 ft. lengths. Custom lengths available on request.

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Maximum Capacity (4 legs) (tons)	Model No. (4 legs)	Retracted Height A (ft)	Stage 1		Stage 2		Stage 3		Base Height C (in)	Base Length D (in)	Base Width E (in)	Track Gauge F (in)	Beam Plate G (in)	Beam Plate H (in)	Weight per leg (with oil) (lbs)
			Max. Height B (ft)	Max. Cap. (tons)	Max. Height B (ft)	Max. Cap. (tons)	Max. Height B (ft)	Max. Cap. (tons)							
67	SL60	6.57	11.17	17	15.43	17	—	—	50.59	45.67	31.50	24.76	16.14	12.40	2315
141	SL125	8.66	15.01	35	21.78	35	—	—	71.14	61.65	36.69	24.09	13.78	12.60	4696
337	SL300	8.87	15.11	84	21.98	56	—	—	74.80	66.93	34.65	24.02	15.75	19.29	7165
450	SL400	10.39	17.14	112	23.73	112	29.99	52	54.25	79.65	49.45	35.98	15.75	19.29	10,141

# SBL-Series, Hydraulic Gantry

▼ Shown: SBL1100 with STSBL Skid Tracks, Header Beams and Side Shifts



- Octagonal boom: provides added strength for increased capacity and lifting height
- SBL1100 and SBL900 have foldable boom to enable easy transport and setup
- SBL1100 and SBL900 have tank rollers to provide optimum load distribution
- SBL500 has fixed boom and steel wheels



◀ SBL1100 Hydraulic Gantry

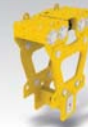
## SBL Series

Capacity 4 legs:

**585-1178 tons**

Lift Height:

**28.27-39.38 feet**



### Powered Side Shift

Electric propulsion controlled by standard gantry controls. Each set consists of 4 units and 2 extension bars.

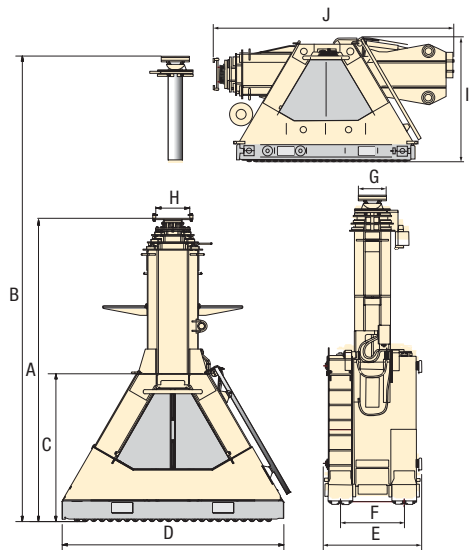
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### Lifting Anchors

Designed to transfer the load to the top of the header beam. Can accommodate a 250 ton shackle or attach directly to the lifted load.

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Maximum Capacity (4 legs) (tons)	Model No.	Retracted Height A (ft)	Stage 1		Stage 2		Stage 3		Base Height	Base Length	Base Width	Track Gauge	Beam Plate Length	Beam Plate Width	Transport Dimensions		Weight per leg (with oil) (lbs)
			Max. Height B (ft)	Max. Cap. (tons)	Max. Height B (ft)	Max. Cap. (tons)	Max. Height B (ft)	Max. Cap. (tons)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	I (ft)	J (ft)	
585	SBL500	9.93	16.40	146	22.66	146	28.27	84	53.74	78.39	50.43	35.98	15.75	19.49	—	—	13,889
1009	SBL900	16.42	27.24	252	37.09	166	—	—	83.82	130.31	55.43	35.98	15.75	19.29	7.36	16.19	29,432
1178	SBL1100	14.34	22.98	295	31.72	190	39.38	106	83.82	130.31	55.43	35.98	15.75	19.29	7.36	14.13	26,345

▼ Typical MBL600 configuration with Skid Tracks, Header Beams and Side Shifts



- Square corrugated boom: provides added strength for increased capacity and lifting height
- Full lifting capacity over full stroke
- Foldable boom to enable easy transport and setup
- Tank rollers to provide optimum load distribution
- Extra wide track gauge for ultimate stability

## MBL Series

Capacity 4 legs:

**562-674 tons**

Lift Height:

**42.21-47.74 feet**



### Header Beams

Sold in pairs and includes lifting points and fork pockets for easy positioning on gantry towers.

Available in 26.24 ft., 32.80 ft. and 39.36 ft. lengths. Custom lengths available on request.

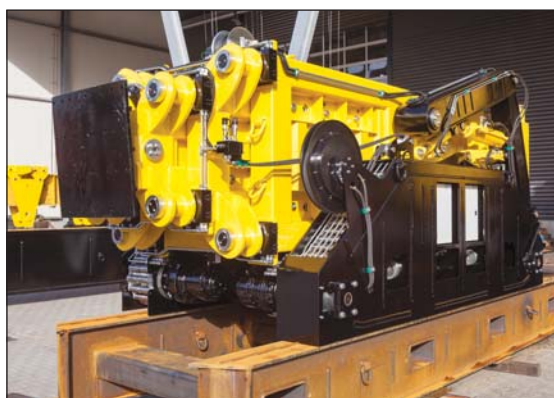
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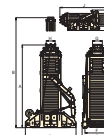
### Powered Side Shift

Electric propulsion controlled by standard gantry controls. Each set consists of 4 units and 2 extension bars.

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◀ Foldable boom to enable easy transport and set-up.



Maximum Capacity (4 legs)	Model No. (4 legs)	Retracted Height	Maximum Height*	Maximum Capacity	Base Length	Base Width	Track Gauge	Beam Plate	Beam Plate	Transport Dimensions		Weight per leg (with oil)
(tons)		A (ft)	B (ft)	(tons)	D (in)	E (in)	F (in)	G (in)	H (in)	I (in)	J (in)	(lbs)
562	<b>MBL500</b>	20.01	42.21	141	157.72	83.90	66.22	30.71	27.13	7.36	18.24	43,541
674	<b>MBL600</b>	21.50	47.74	169	157.72	95.71	78.03	30.71	27.13	8.28	19.73	46,187

\* Although a 2 stage gantry, stages 1 and 2 extended simultaneously and provide full capacity at any height.

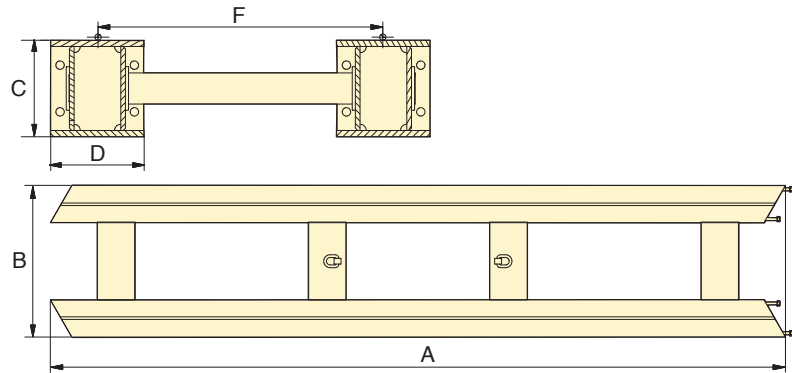
# Additional Gantry Components



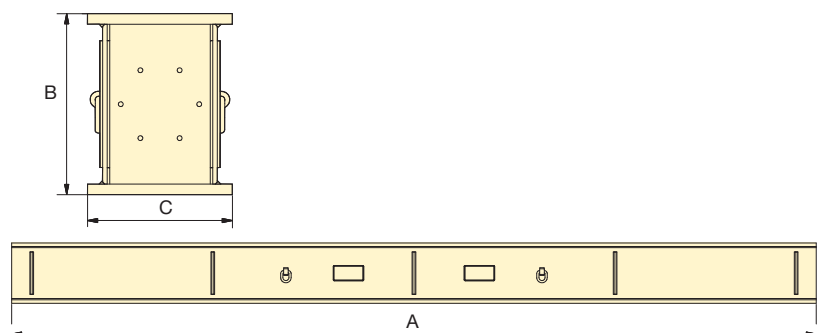
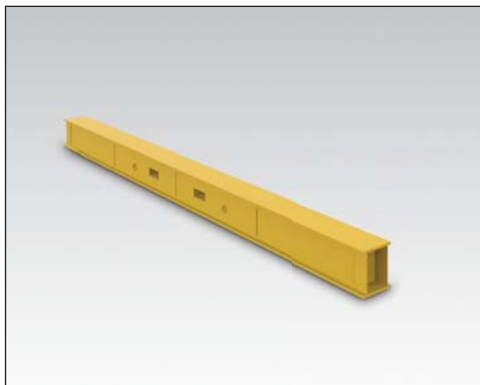
## SKID TRACKS

Allows for easy leveling of the gantry leg, available in two standard lengths.

- Required to support and level gantry
- Provides load spreading to ground
- Includes lifting eyes and/or fork pockets



Used with Gantry Series	Model Number	Track Length A (ft)	Track Width B (in)	Track Height C (in)	Track Base D (in)	Track Gauge F (in)	Weight (lbs)
SL60	STSL60-3	9.84	30.28	5.24	5.51	24.76	412
	STSL60-6	19.69	30.28	5.24	5.51	24.76	802
SL125	STSL125-3	9.84	31.97	7.87	7.87	24.09	955
	STSL125-6	19.69	31.97	7.87	7.87	24.09	1885
SL300	STSL300-3	9.84	32.68	11.02	8.66	24.02	1640
	STSL300-6	19.69	32.68	11.02	8.66	24.02	3214
SL400 and SBLs	STSBL-3	9.84	47.95	12.20	11.81	35.98	2628
	STSBL-6	19.69	47.95	12.20	11.81	35.98	4707



This drawing represents SBL beams, SL beams are H-beams.

## HEADER BEAMS

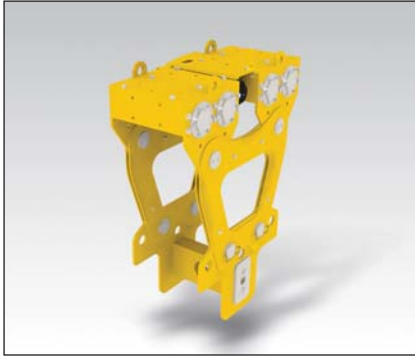
Sold in pairs and includes lifting points and fork pockets for easy positioning on gantry legs.

- Supplied with load chart
- Includes lifting eyes and/or fork pockets

Used with Gantry Series	Model Number	*Maximum Load at Beam Center (tons)	Beam Length A (ft)	Beam Depth B (in)	Beam Width C (in)	Weight (lbs)
SL60	HBSL60-6	51	19.69	13.39	12.20	3307
	HBSL60-8	42	26.25	14.13	12.17	4442
SL125	HBSL125-6	70	19.69	17.01	12.09	3538
	HBSL125-8	70	26.25	20.63	12.05	5022
SL300, SL400 and all SBL	HBSBL-6	146	19.69	23.62	18.90	5622
	HBSBL-8	114	26.25	23.62	18.90	7260
	HBSBL-10	90	32.81	23.62	18.90	9039
	HBSBL-12	148	39.37	37.40	18.90	14,259

\* Based on single point in center of beam. Consult Enerpac for load chart showing capacity off center per lifting anchor.

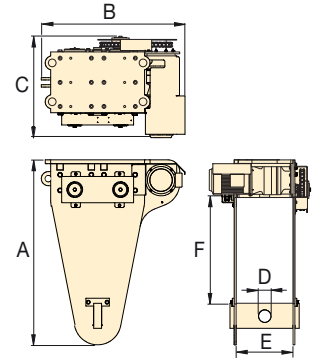
## ▼ Powered Side Shifts



### POWERED SIDE SHIFT

Electric propulsion controlled by standard gantry controls.

- Used to shift load along header beam
- Each anchor contains an electric drive
- Utilizes existing gantry wireless control
- Includes transport frame



Used with Gantry Series	Model No. <sup>1)</sup>	Capacity per Side Shift (tons)	Motor Power (hp)	Travel Speed (in/min)	Side Shift Height A <sup>2)</sup> (in)	Side Shift Width B (in)	Side Shift Depth C (in)	Pin Hole D (in)	Internal Width E (in)	Internal Height F (in)	Weight per Side Shift (lbs)
SL125	<b>BSSL125</b>	35	1.0	16	52.92	25.98	25.04	2.95	12.80	26.57	606
SL300, SL400 and all SBL	<b>BSSL300</b>	112	1.0	24	67.99	57.87	27.74	5.71	19.29	48.62	2553
	<b>BSSL600</b>	169	1.0	35	75.00	62.99	27.34	5.71	19.29	46.67	3307

<sup>1)</sup> Each model number includes 4x propelled unit and cable guides.

<sup>2)</sup> Custom heights available upon request.

## ▼ Lifting Anchor



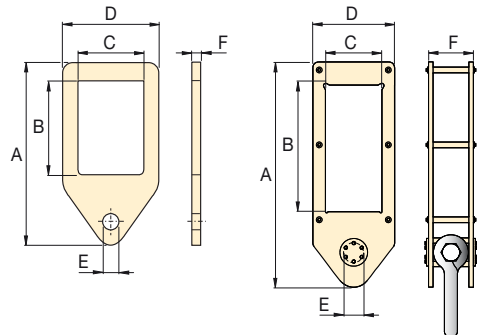
### LIFTING ANCHORS

Designed to transfer the load to the top of the header beam. Can accommodate a 250 ton shackle or attach directly to the lifted load.

- Used to attach rigging to header beam
- Manually spaced to desired location

Used with Gantry Series SL60 and SL125

Used with Gantry Series SL400 and all SBL



Used with Gantry Series	Model No.	Capacity per Anchor (tons)	Anchor Height A (in)	Beam Hole Depth B (in)	Beam Hole Width C (in)	Anchor Width D (in)	Pin Hole E (in)	Anchor Depth F (in)	Weight (lbs)
SL60	<b>LLSL60</b>	17	35.24	18.11	12.60	18.11	3.15	0.59	53
SL125	<b>LLSL125</b>	35	40.28	26.69	12.60	16.54	2.36	0.98	82
SL300, SL400, all SBL and MBL	<b>LLSBL125</b>	140	76.97	43.31	19.29	27.95	8.07	1.57	485
	<b>LLSBL250*</b>	281	76.97	43.31	19.29	27.95	8.07	16.85	1323

\* LLSBL250 is built with two plates connected together and designed to use heavy-duty shackle (not included)

# Optional Gantry Accessories

## ▼ Optional Gantry Accessories



Enerpac also offers a variety of optional accessories to complete your gantry system.

- Azobe wood timbers and transport frames
- Slings and shackles
- Side shift transport frames
- Tarpaulin covers

For  
**SL,  
SBL  
MBL  
Series**



## ▼ Slings (endless grommet)

Used with Gantry Series	Sling Model Number	Capacity (ton)	Length (ft)
SL60	EGSL60-182	19.80	6.5
	EGSL60-184	19.80	13.1
	EGSL60-186	19.80	19.7
SL125	EGSL125-392	42.90	6.5
	EGSL125-394	42.90	13.1
	EGSL125-396	42.90	19.7
SL300, SL400 and all SBL	EGSBL112-6	123.20	19.7
	EGSBL112-8	123.20	26.2
	EGSBL112-10	123.20	32.8
	EGSBL251-6	276.10	19.7
	EGSBL251-8	276.10	26.2
	EGSBL251-10	276.10	32.8

## ▼ Accessories for all Gantries

Used with Gantry Series	Model Number	Material and Dimensions (in)			Description
		L	W	H	
All Gantry Series	STAWFT	—	—	—	Frame for 100 pieces
	STAW100	59.06	3.94	3.94	Includes 100 pieces
	STSP500	—	—	—	For Skid Track Alignment Includes 500 plates

## ▼ Shackles from 18.70 to 275 ton

Used with Gantry Series	Shackle Model Number	Capacity (ton)	Description
SL60	GPSL60-17	18.70	Green Pin Brand
SL125	GPSL125-35	38.50	
SL300, SL400 and SBLs	GPSBL150	165	
	GPSBL250	275	

## ▼ Side Shift Transport Frames

Used with Gantry Series	Transport Frame Model Number	Transport Frame Model Number for Beam Skidding	Units per Frame
SL125	BSTFS	BSSL125	2
SL300, SL400 and all SBL	BSTFL	BSSBL300 / 600	2

## ▼ Tarpaulin Covers for Storage Only

Used with Gantry Series	Tarpaulin Cover Model Number	Description
SL60	TCSL60	Tarpaulin cover includes logo on both sides
SL125	TCSL125	
SL300	TCSBL	
SL300, SL400 and all SBL	TCSL300	



**Transformer Installation with a Hydraulic Gantry**



**Hydraulic Boom Gantry Safely Transports 120-Ton Machine Bed**



**Removal of Decommissioned London Tube Trains with a Hydraulic Gantry**



**Transporting a 1,200-Ton Hydraulic Press to the Second Floor with a Hydraulic Gantry**



**Turbine Lift and Load-in at Shipping Port**



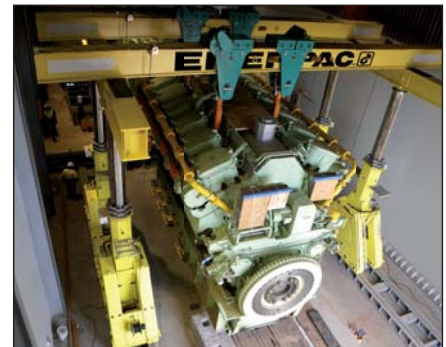
**Turbine and Generator Installation at a new Power Plant in Libya**



**Assembling an Offshore Platform Oil Rig Module**



**Offloading a 1,300-Ton Hydrocracker**



**Generator Installation at the Owen Springs Power Station**

# Enerpac's Custom Heavy Lifting Solutions

With more than 50 years of experience, Enerpac has gained unique expertise in delivering hydraulic solutions for the controlled movement and positioning of heavy loads. This expertise has been acknowledged by the world's leading industrial professionals and has contributed to the successful movement of a number of the most recognizable structures

on earth. In addition to providing the most comprehensive line of globally-supplied, locally supported products, Enerpac combines hydraulics, steel fabrication and electronic control with engineering and application knowledge, to design and manufacture solutions that ensure your projects are completed safely and efficiently.

## EXPERIENCE and EXPERTISE



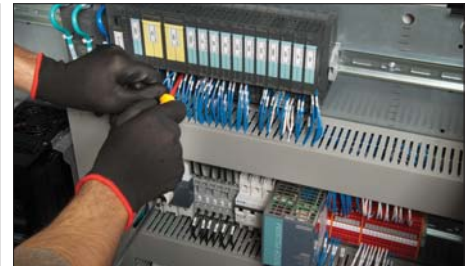
### HYDRAULIC POWER UNITS

Enerpac designs, assembles and tests small to large hydraulic power units in-house. Power units range from 1/4 to 320 hp and are tested with the system they are intended to operate.



### STEEL FABRICATION

In our dedicated facility for steel fabrication and welding, we design and manufacture custom structures used in demanding heavy-lifting applications.



### ELECTRONICS

Enerpac designs all control systems in-house. This capability keeps control technology close to the design engineers who are developing the rest of the system. In doing so, we can tailor the control system to match unique project requirements.



### ENGINEERING

Enerpac's multi-disciplined, Heavy Lifting Technology team is capable of the design and development of all aspects of an integrated system. Leveraging design and application experience with the latest in methodologies, computer design, rapid prototyping and analysis ensures delivery of the highest quality.



### MACHINING

Enerpac utilizes the latest in CNC machining technologies and manufactures all large and special hydraulic cylinders in-house. We can machine diameters up to 50 inches with lengths to 240 inches.



### FIELD SUPPORT

Enerpac's Heavy Lifting Technology team is available to provide on-site support including training and troubleshooting of systems. Enerpac also stocks repair parts and consumable items at several locations to ensure fast delivery for minimal downtime.



### MAINTENANCE and REPAIR

Due to the unique nature of Enerpac's Heavy Lifting Technology systems, we offer complete maintenance and repair services. Our M&R group is available to assist customers who do not have access to local service facilities qualified to work on these systems.

# Telescopic Hydraulic Gantries



## The Industrial Tools Line

### Cylinders and Lifting Products

- General Purpose
- Aluminum: Lock Nut, Solid- and Hollow Plunger
- Pancake, Low Height
- Pull
- Hollow Plunger
- Precision
- Long Stroke
- High Tonnage
- Jacks
- Level Lift System
- Pow'R-RISER® Lifting Jacks
- Pow'R-LOCK™ Lifting Jacks
- Extreme Environment Products

### Pumps

- Manual
- Cordless and Electric Driven
- Compressed Air Driven
- Petrol Driven

### System Components

- Hoses, Couplers, Oil
- Manifolds, Fittings
- Gauges, Adaptors

### Valves

- 3-and 4-Way Directional
- Pressure and Flow Control

### Presses

- H-Frame, Roll Frame
- C-Clamp and Arbor
- Tension Meters, Load Cells

### Pullers

- Master Pullers Sets
- Multi Purpose Puller Sets
- Posi Lock® Pullers

### Tools

- Maintenance Sets
- Punches
- Lifting Wedges
- Machine Lifts
- Load Skates
- Wedgie, Spreaders
- Cutters
- Pipe Benders

### Bolting Tools

- Multipliers
- Torque Wrenches
- Impact Sockets
- Wrench and Tensioner Pumps
- Twin Safety Hoses
- Nut Cutters / Splitters
- Flange/Wedge Spreaders
- Flange Alignment Tools
- Flange Face Tool

### Heavy Lifting Technology

- Synchronized Lifting Systems
- Jack-Up Systems
- Bridge Launching Systems
- Synchronized Hoisting Systems
- Hydraulic Gantries
- Heavy Lifting Strand Jacks
- Skidding Systems
- Self-Erecting Towers
- Self Propelled Modular Transporter
- Chain Pulling Systems
- Climbing Jacks
- Split Flow Pumps

## Enerpac Worldwide Locations

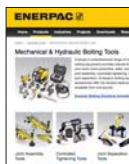
For a complete list of addresses see:

[www.enerpac.com/en-us/enerpac-locations](http://www.enerpac.com/en-us/enerpac-locations)

## About Enerpac

Enerpac is the leading global provider of high-pressure hydraulic tools and solutions with a broad range of products, local expertise and worldwide distribution network. With a proven track record in a wide range of markets, Enerpac designs and manufactures high-quality tools and solutions for all industrial applications.

Enerpac has gained unique experience in delivering hydraulic solutions for the controlled movement and positioning of heavy objects. Enerpac supports your business by offering the right solutions and service to help you get your work done efficiently and safely.



### [www.enerpac.com](http://www.enerpac.com) for latest Enerpac information

Visit the Enerpac Web Site and find out about:

- Learn more about hydraulics
- Promotions
- Online Bolting Calculator
- New products
- Electronic Catalogs
- Trade shows
- Manuals (instruction and repair sheets)
- Nearest Distributors & Service Centers
- Enerpac products in action
- Heavy Lifting Technology

### Ordering Products and Catalogs

To find the name of the closest Enerpac distributor or service center, to request literature or technical application assistance, contact Enerpac at: [www.enerpac.com](http://www.enerpac.com).



## Hydraulic solutions for controlled movement and positioning of heavy loads

While Enerpac has the world's largest product portfolio for heavy-lifting and load-control applications, we also have the knowledge to put all these programs together or modify them to provide a lift system for your most demanding and unique applications.

- Synchronous Lifting Systems
- Stage Lifting and Climbing Systems
- Bridge Launching Systems
- Synchronous Hoisting Systems
- Hydraulic Gantries
- Heavy-Lifting Strand Jacks
- Skidding Systems
- Self-Erecting Towers
- Self-Propelled Modular Trailer
- Chain Pulling Systems

Your Enerpac Distributor:

[www.enerpac.com](http://www.enerpac.com)

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