

ENERPAC®

POWERFUL SOLUTIONS. GLOBAL FORCE.



US

WCC

THE WORLD CLASS COLLECTION

INDUSTRIAL TOOLS

A complete range of quality high-pressure tools for all industrial applications, with local availability and after sales service anywhere in the world...this is what has made Enerpac the undisputed global market leader in high pressure hydraulics.

Our focus is to provide our customers with the most extensive line of products and accessories that maximize force to increase productivity and make work safer and easier to perform.

Always at the leading edge of technology, Enerpac has continued to develop its range of time and cost-savings tools, utilizing modern engineered materials to improve productivity and minimize operator fatigue.

Enerpac's commitment to the continued development of quality high-pressure tools ensures that the products you purchase are the best tools in the industry. We will continue to lead the way in the development of quality high-pressure tools for all industrial applications.

Experience and Expertise



With over 1,500 distributors and a network of service and engineering support across the globe, Enerpac has become the product of choice in industries such as infrastructure, power generation, mining, oil & gas, manufacturing, shipbuilding and railroads.

Safety

At Enerpac, we are committed to safety.

Unfortunately, serious incidents can happen on a job site. Nevertheless, such mishaps may be avoidable if workers pay attention to the hazards and potential risks, and know how to use tools correctly. Whether you work in maintenance or production, power plant, shipyard, mine, shop floor or construction site; learning to use hydraulic tools safely is mandatory.

Our Goal Zero initiative is part of our global commitment to improve workplace safety. We are committed to achieve the **Goal of Zero** harm to customers and end-users of our products.



This World Class Collection catalog is only a selection of the products we offer. To see the full line of products, please refer to the Enerpac Industrial Tools catalog or visit www.enerpac.com.

Enerpac Academy - The Power of Knowledge

The Enerpac Academy is our in-house training program, offering Enerpac end users and distributors the opportunity to be trained in the use and maintenance of high-pressure hydraulic tools.

Operating these tools requires sound knowledge of how they work and how they should be maintained. Correct use of these tools increases safety and reduces risk – both for the operator and for the environment in which the tools are used. Having the right training enables the operator to use the tools safely and properly.



In-house Training Centers

The training courses are designed to be highly interactive with a strong hands-on element. Each training course is led by a qualified trainer, an Enerpac specialist capable of providing high quality training. A written or practical exam is part of certain training courses.



Training Center Locations

- Columbus, Wisconsin (USA)
- Ede (The Netherlands)
- Hosur, Bangalore area (India)

Enerpac Academy offers a meticulously compiled training program covering tool knowledge, repairs and maintenance, and safe operation of Enerpac hydraulic tools. If you would like to schedule a training course, please contact Enerpac for a training calendar, application form, and brochure at www.enerpac.com.



World Class Cylinders

All over the world, Enerpac cylinders provide force to major industries— construction, shipbuilding, mining, wind, manufacturing and more.

Enerpac cylinders lift naval vessels for repair, level heavy bridge sections and pull parts together for welding. They also allow for controlled positioning of heavy loads and provide power and precision as part of specialized hydraulic presses.

Enerpac hydraulic cylinders are available in more than 100 standard configurations. Whatever the application, whatever the needed capacity, size, or stroke, there's a single- or double-acting, solid or hollow plunger, lightweight or heavy-duty Enerpac cylinder to do the job for you.

HOLLOW PLUNGER



- SPRING OR HYDRAULIC RETURN**
- Hollow plunger design for both push and pull forces
 - Safety valve in double-acting models prevents over pressurizing

Model Number	Cylinder Capacity (tons)		Stroke (in)	Collapsed Height (in)
	Push	Pull		
RCH-120	12	-	.31	2.19
RCH-121	12	-	1.63	4.75
RCH-1211	12	-	1.63	4.75
RCH-123	12	-	3.00	7.25
RCH-202	20	-	2.00	6.38
RCH-206	20	-	6.10	12.05
RCH-302	30	-	2.50	7.03
RCH-306	30	-	6.13	13.00
RCH-603	60	-	3.00	9.75
RCH-606	60	-	6.00	12.75
RCH-1003	100	-	3.00	10.00
RRH-307	30	24	7.00	13.00
RRH-606	60	42	6.50	12.75
RRH-6010	60	42	10.12	17.25
RRH-1001	100	68	1.50	6.50
RRH-1006	100	68	6.00	13.50

SINGLE-ACTING, SPRING RETURN



- RC-DUO GENERAL PURPOSE CYLINDERS**
- The GR2 Bearing System absorbs eccentric loading to prevent galling cylinder parts
 - Heavy-duty return spring for fast retraction
 - Collar threads, plunger threads and base mounting holes enable easy fixturing on most models

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
RC-50	5	.63	1.63
RC-51	5	1.00	4.34
RC-53	5	3.00	6.50
RC-55	5	5.00	8.50
RC-57	5	7.00	10.75
RC-59	5	9.13	12.75
RC-101	10	1.00	3.53
RC-102	10	2.13	4.78
RC-104	10	4.13	6.75
RC-106	10	6.13	9.75
RC-108	10	8.00	11.75
RC-1010	10	10.13	13.75
RC-1012	10	12.00	15.75
RC-1014	10	14.00	17.75
RC-151	15	1.00	4.88
RC-152	15	2.00	5.88
RC-154	15	4.00	7.88
RC-156	15	6.00	10.69
RC-158	15	8.00	12.69
RC-1510	15	10.00	14.69
RC-1512	15	12.00	16.69
RC-1514	15	14.00	18.69
RC-251	25	1.00	5.50
RC-252	25	2.00	6.50
RC-254	25	4.00	8.50
RC-256	25	6.25	10.75
RC-258	25	8.25	12.75
RC-2510	25	10.25	14.75
RC-2512	25	12.25	16.75
RC-2514	25	14.25	18.75
RC-308	30	8.25	15.25
RC-502	50	2.00	6.94
RC-504	50	4.00	8.94
RC-506	50	6.25	11.13
RC-5013	50	13.25	18.13
RC-756	75	6.13	11.25
RC-7513	75	13.13	19.38
RC-1006	100	6.63	14.06
RC-10010	100	10.25	17.69



- LOW HEIGHT CYLINDERS**
- Compact and portable
 - Large plunger contact area with grooved end

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
RCS-101	10	1.50	3.47
RCS-201	20	1.75	3.88
RCS-302	30	2.44	4.63
RCS-502	50	2.38	4.81
RCS-1002	100	2.25	5.56
RSM-50	5	.25	1.28
RSM-100	10	.44	1.69
RSM-200	20	.44	2.03
RSM-300	30	.50	2.31
RSM-500	50	.63	2.63
RSM-750	75	.63	3.13
RSM-1000	100	.63	3.38
RSM-1500	150	.63	3.94

PULL CYLINDERS



- PULL CYLINDERS**
- Chrome plated plunger
 - Replaceable links on BRP models

Model Number	Cylinder Class (tons)	Stroke (in)	Extended Height (in)
BRC-25	2.5	5.00	15.44
BRC-46	5.0	5.50	17.38
BRC-106	10.0	5.95	17.33
BRP-106C*	10.0	5.90	28.50
BRP-106L*	10.0	5.90	28.50
BRP-306*	30.0	6.00	48.82
BRP-606*	60.0	6.00	34.32

*Fitted with rubber bellows for rod protection.

Enerpac Hydraulic Cylinders

ALUMINUM CYLINDERS - LIGHTWEIGHT



SINGLE-ACTING, SPRING RETURN

- Lightweight, easy to carry and position
- Handles standard on all models

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
RAC-202	20	1.97	6.85
RAC-204	20	3.94	8.82
RAC-206	20	5.91	10.79
RAC-302	30	1.97	7.13
RAC-304	30	3.94	9.09
RAC-306	30	5.91	11.06
RAC-502	50	1.97	7.32
RAC-504	50	3.94	9.29
RAC-506	50	5.91	11.26
RAC-1004	100	3.94	10.67
RAC-1006	100	5.91	12.64
RAC-1008	100	7.87	14.61
RAC-1506	150	5.91	13.49

* Custom strokes available.



WITH LOCK NUT, SPRING RETURN

- With lock nut to secure loads mechanically
- Lightweight, easy to carry and position
- Handles standard on all models

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
RACL-302	30	1.97	9.10
RACL-304	30	3.94	11.07
RACL-306	30	5.91	13.04
RACL-502	50	1.97	9.29
RACL-504	50	3.94	11.26
RACL-506	50	5.91	13.23
RACL-1002	100	1.97	11.65
RACL-1004	100	3.94	13.62
RACL-1006	100	1.97	15.59
RACL-1502	150	5.91	12.72
RACL-1504	150	3.94	14.69
RACL-1506	150	5.91	16.65

* Custom strokes available.

DOUBLE-ACTING CYLINDERS



HEAVY-DUTY, LONG-STROKE CYLINDERS

- Plunger and collar threads, base mounting holes for easy fixturing
- Solid plunger design; built-in safety valve
- For industrial, construction and high-cycling production applications

Model Number	Cylinder Capacity (tons)		Stroke (in)	Collapsed Height (in)
	Push	Pull		
RR-1010	10	4	10.00	16.13
RR-1012	10	4	12.00	18.00
RR-308	30	5	8.25	15.25
RR-3014	30	5	14.50	21.63
RR-506	50	10	6.13	13.06
RR-5013	50	10	13.13	20.06
RR-1006	100	48	6.63	14.06
RR-10013	100	48	13.13	20.63
RR-1506	150	74	6.13	15.19
RR-15013	150	74	13.13	22.20
RR-2006	200	112	6.00	16.94
RR-20013	200	112	13.00	23.94



HOLLOW PLUNGER, SINGLE-ACTING

- Hollow plunger design allows for both pull and push forces
- Lightweight, easy to carry and position

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
RACH-202	20	1.97	7.41
RACH-206	20	5.91	12.41
RACH-302	30	1.97	8.20
RACH-306	30	5.91	13.12
RACH-604	60	3.94	12.41
RACH-606	60	5.91	14.97
RACH-1002	100	1.97	10.16
RACH-1006	100	5.91	15.40
RACH-1502	150	1.97	11.03
RACH-1506	150	5.91	16.93

* Custom strokes available.



SOLID PLUNGER, DOUBLE-ACTING

- Double-acting for rapid plunger retraction
- Safety valve prevents overpressurization
- Lightweight, easy to carry and position

Model Number	Cyl. Capacity (tons)		Stroke (in)	Collapsed Height (in)
	Push	Pull		
RAR-202	24.2	14.4	1.97	7.45
RAR-206	24.2	14.4	5.91	11.29
RAR-302	34.2	19	1.97	7.92
RAR-306	34.2	19	5.91	11.86
RAR-502	55	21	1.97	7.92
RAR-504	55	21	3.94	9.89
RAR-506	55	21	5.91	11.86
RAR-1004	111	62	3.94	11.86
RAR-1006	111	62	5.91	13.83
RAR-1008	111	62	7.87	15.80
RAR-1506	176	102	5.91	13.71

* Custom strokes available.



PRECISION PRODUCTION CYLINDERS

- Double-acting operation provides force in both directions for maximum versatility
- Unique mounting configurations simplify fixturing
- Designed for long life; the best choice for production applications

Model Number	Cylinder Capacity (tons)		Stroke (in)	Collapsed Height (in)
	Push	Pull		
RD-41	3.93	1.72	1.13	7.31
RD-43	3.93	1.72	3.13	9.31
RD-46	3.93	1.72	6.13	12.31
RD-91	8.84	4.91	1.13	8.75
RD-93	8.84	4.91	3.13	10.78
RD-96	8.84	4.91	6.13	13.78
RD-910	8.84	4.91	10.13	17.78
RD-166	15.71	8.28	6.25	15.31
RD-1610	15.71	8.28	10.25	19.31
RD-256	24.54	10.74	6.25	16.69
RD-2510	24.54	10.74	10.25	20.69

SINGLE-ACTING, HIGH TONNAGE



SINGLE-ACTING, LOAD RETURN*

- Integral stop ring provides piston blow-out protection
- Plunger wiper reduces contamination ingress, extending cylinder life

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
CLSG-502	50	1.97	6.38
CLSG-506	50	5.91	10.31
CLSG-5010	50	9.84	14.25
CLSG-1002	100	1.97	7.16
CLSG-1006	100	5.91	11.09
CLSG-10010	100	9.84	15.03
CLSG-1502	150	1.97	7.72
CLSG-1506	150	5.91	11.65
CLSG-15010	150	9.84	15.59
CLSG-2002	200	1.97	8.50
CLSG-2006	200	5.91	12.44
CLSG-20012	200	11.81	18.35
CLSG-25012	250	11.81	19.09
CLSG-30012	300	11.81	22.13
CLSG-40012	400	11.81	24.59
CLSG-50012	500	11.81	26.34
CLSG-60012	600	11.81	26.73
CLSG-80012	800	11.81	28.50
CLSG-100012	1000	11.81	32.05

* All models available in 2" stroke increments from 2" to 12".
NOTE: All cylinders meet ASME B30.1 and ISO 10100 standards.

DOUBLE-ACTING, HIGH TONNAGE



DOUBLE-ACTING, HYDRAULIC RETURN*

- Safety valve in retract side of cylinder helps to prevent damage in case of over-pressurization
- Plunger wiper reduces contamination ingress, extending cylinder life

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
CLRG-1002	100	1.97	7.16
CLRG-1006	100	5.91	11.09
CLRG-10010	100	9.84	15.03
CLRG-1502	150	1.97	7.72
CLRG-1506	150	5.91	11.65
CLRG-15010	150	9.84	15.59
CLRG-2002	200	1.97	8.50
CLRG-2006	200	5.91	12.44
CLRG-20012	200	11.81	18.35
CLRG-2502	250	1.97	9.25
CLRG-2506	250	5.91	13.19
CLRG-25012	250	11.81	19.09
CLRG-30012	300	11.81	22.13
CLRG-40012	400	11.81	24.59
CLRG-50012	500	11.81	26.34
CLRG-60012	600	11.81	26.73
CLRG-80012	800	11.81	28.50
CLRG-100012	1000	11.81	32.05

* All models available in 2" stroke increments from 2" to 12".
NOTE: All cylinders meet ASME B30.1 and ISO 10100 standards.

LOCK NUT, HIGH TONNAGE



SINGLE-ACTING, LOAD RETURN*

- Safety Lock Nut for mechanical load holding
- Interchangeable, hardened grooved saddles

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
CLL-502	50	1.97	6.46
CLL-506	50	5.91	10.39
CLL-5010	50	9.84	14.33
CLL-1002	100	1.97	7.36
CLL-1006	100	5.91	11.30
CLL-10010	100	9.84	15.24
CLL-1502	150	1.97	8.23
CLL-1506	150	5.91	12.17
CLL-15010	150	9.84	16.10
CLL-2002	200	1.97	9.57
CLL-2006	200	5.91	13.50
CLL-20012	200	11.81	19.41
CLL-2502	250	1.97	9.80
CLL-25012	250	11.81	19.65
CLL-3002	300	1.97	11.61
CLL-30012	300	11.81	21.46
CLL-40012	400	11.81	23.03
CLL-50012	500	11.81	24.61
CLL-60012	600	11.81	25.39
CLL-80012	800	11.81	27.76
CLL-100012	1000	11.81	29.33

* All models available in 2" stroke increments from 2" to 12".

LOW PROFILE, HIGH TONNAGE



CLP SERIES PANCAKE LOCK NUT CYLINDERS

- Single-acting, load return
- Extremely low profile for use in confined areas
- Lock nut for mechanical load holding safety
- Includes integral swivel saddle

Model Number	Cylinder Class (tons)	Stroke (in)	Collapsed Height (in)
CLP-602	60	1.97	4.92
CLP-1002	100	1.97	5.39
CLP-1602	160	1.77	5.83
CLP-2002	200	1.77	6.10
CLP-2502	250	1.77	6.26
CLP-4002	400	1.77	7.01
CLP-5002	500	1.77	7.56

SPREADER CYLINDERS



SERIES A, WR, HYDRAULIC WEDGIE AND SPREAD CYLINDERS

- WR-5: for use in very confined areas
- WR-15: for long stroke spreading
- A-92: spreader attachment; threads onto RC-Series 10 ton cylinders (except RC-101)

Model Number	Capacity (ton)	Tip Clearance (in)	Max. Spread (in)	Oil Capacity (in ³)
WR-5	1.00	.50	3.70	0.61
WR-15	.75	1.26	11.50	3.91
A-92	1.00	1.38	6.25	-

* Screws onto RC-Series 10 ton cylinders (except RC-101).

Enerpac 10,000 psi Cylinders and Jacks

JACKS



JHA-SERIES SAF-T-LITE® ALUMINUM JACKS

- All-directional operation on 7, 15 and 35 ton
- Two-directional operation (vertical and horizontal) on 75 and 150 ton models

JH-SERIES PREMIUM STEEL JACKS

- Chrome plated plungers
- Machined flat front and bottom surfaces permit flush alignment in tight corners

Model Number	Capacity (tons)	Stroke (in)	Collapsed Height (in)
JHA-73	7	3.00	5.25
JHA-156	15	6.06	9.75
JHA-356	35	6.13	10.13
JHA-756	75	6.06	11.25
JHA-1506	150	6.13	12.88
JH-306	30	6.13	10.00
JH-506	50	6.09	10.25
JH-1006	100	6.06	11.31

POW'R-RISER®



POW'R-RISER® LIFTING JACKS

- 60, 100, 150 and 200-ton capacities with pneumatic or electric pumps for the toughest jobs
- 3-pos. handle provides easy tilt and transport
- Complies with ASME B30.1 specifications

Model Number	Capacity (tons)	Stroke (in)	Collapsed Height (in)
PREMB06014L	60	14	24
PRAMA06014L	60	14	24
PREMB06027L	60	27	37
PRAMA06027L	60	27	37
PREMB10016L	100	16	26
PRASA10016L	100	16	26
PREMB10027L	100	27	37
PRASA10027L	100	27	37
PREMB15016L	150	15.5	26
PRASA15016L	150	15.5	26
PREMB15027L	150	26.5	37
PRASA15027L	150	26.5	37
PRASA20016L	200	15.5	26
PRASA20027L	200	26.5	37

* PRAMA with air pump; PREME with electric pump.

Pow'R-LOCK®



Pow'R-LOCK® PORTABLE LIFT SYSTEM

- Provides continuous locking protection during lift, lower and hold functions
- Simple 2-button pendant allows operation of raise and lower functions from up to 20 feet away
- Meets ANSI B30.1-2009, AS/NZS-2538, AS/NZS-2693 certification criteria

Model Number	Capacity (tons)	Stroke (in)	Collapsed Height (in)
PL20014-ASA	200	14.0	34
PL20025-ASA	200	24.5	45.5

SPECIALTY LIFTING TOOLS



HYDRAULIC MACHINE LIFTS

- For lifting heavy equipment with minimal access
- Separate hydraulic pump enhances safety
- Adjustable toe starting height
- Extendible support feet provide extra stability
- Includes RC-DUO Series cylinder with CR-400 coupler

Model Number	Capacity (tons)	Stroke (in)	Toe Position (in)			Oil Capacity (in ³)
			min	central	max	
SOH-10-6	8.5	5.39	0.79	3.74	6.69	13.7
SOH-23-6	20	6.18	1.18	4.33	7.48	32.0



VERTICAL LIFTING WEDGE

- Requires .39 inch access gap
- .83 inch of vertical lift from each step (max. lift to 2.72 inches with optional LWB-1 stepped block)
- Automatic mechanical retraction (single-acting)

Model Number	Capacity (ton)	Max. Lift per Stage (in)	Min. Clearance Gap (in)	Oil Capacity (in ³)
LW-16	16	.83	.39	4.75

CYLINDER PUMP SETS



SINGLE-ACTING CYLINDER PUMP SETS

- Optimum component match
- 6 ft. hose, gauge, adaptor
- 2-speed hand pumps

Model Number	Capacity (tons)	Cylinder Model No.	Stroke (in)
SCR106H	10	RC-106	6.13
SCR252H	25	RC-252	2.00
SCL101H	10	RCS-101	1.50
SCL302H	30	RCS-302	2.44
SCH202H	20	RCH-202	2.00

World Class Pumps

When it comes to increasing productivity, labor efficiency and speed of operations, Enerpac high-pressure tools and components provide a significant hydraulic advantage.

With a 100-year history of quality and innovation and the broadest line of hydraulic tools and components in the business, Enerpac leads the industry by setting new standards in design, strength and durability. Strict quality programs, zero tolerance for defects, and ISO-9001 certification are your assurance of safe, trouble-free operation.

HYDRAULIC HAND PUMPS



COMPOSITE HYDRAULIC HAND PUMPS

- Lightweight design; impact and corrosion resistant
- Single- and two-speed operation
- Handle lock and lightweight construction for easy carrying



STEEL HYDRAULIC HAND PUMPS

- Reduced handle effort and ergonomic grip for less operator fatigue
- Two-speed operation for fast and easy operation (except P-39)
- Quick grip handle allows for easy transport
- All steel construction, chrome plated plunger and wiper system for durable, long lasting performance

Model Number	For Cylinder	Maximum Pressure (psi)	Displacement per Stroke (in ³)		Usable Oil Capacity (in ³)
			1st	2nd	
P-141	S/A	10,000	N/A	.055	20
P-142	S/A	10,000	.221	.055	20
P-202	S/A	10,000	.221	.055	55
P-391	S/A	10,000	N/A	.151	55
P-392	S/A	10,000	.687	.151	55
P-802	S/A	10,000	2.40	.151	155
P-842	D/A	10,000	2.40	.151	155

S/A = single-acting; D/A = double-acting.

Model Number	For Cyl.	Maximum Pressure (psi)	Displacement per Stroke (in ³)		Usable Oil Capacity (in ³)
			1st	2nd	
P-39	S/A	10,000	N/A	.15	47
P-77	S/A	10,000	1.00	.15	47
P-80	S/A	10,000	1.00	.15	134
P-801	S/A	10,000	1.00	.15	250
P-84	D/A	10,000	1.00	.15	134
P-462	S/A	10,000	7.69	.29	453
P-464	D/A	10,000	7.69	.29	453

S/A = single-acting; D/A = double-acting.

CORDLESS PUMPS



- Lightweight design with integrated handle and carrying strap for portability
- Bladder reservoir prevents contamination and allows pump usage in any position
- Powerful ½ horsepower motor and 28 volt Lithium-Ion battery deliver exceptional speed and run time

Model Number	Charger Voltage (VAC)	Output Flow Rate (in ³ /min)			Usable Oil Cap. (in ³)
		No Load	2000 psi	10,000 psi	
XC-1201MB	115	125	30	15	60
XC-1202MB	115	125	30	15	120
XC-1201ME	230	125	30	15	60
XC-1202ME	230	125	30	15	120
XC-1201M*	-	125	30	15	60
XC-1202M*	-	125	30	15	120

Note: All models for single-acting tools and cylinders.
* Batteries and charger not included.

LOW PRESSURE HAND PUMPS



- Bi-directional pumping (P-25 and P-50)
- For single-acting tools and cylinders
- Single-speed operation

Model Number	Maximum Pressure (psi)	Displacement per stroke (in ³)	Usable Oil Capacity (in ³)
P-18	2,850	.16	18
P-25	2,500	.58	200
P-50	5,000	.29	200
P-51	3,000	.25	50

HIGH PRESSURE HAND PUMPS



- Two-speed operation for faster fill, reducing cycle times for many testing operations (P-2282)
- 303 stainless steel construction for use with distilled water, diesters, silicones, soluble oils and petroleum (11-100, 11-400)

Model Number	Maximum Pressure (psi)	Displacement per stroke (in ³)		Usable Oil Capacity (in ³)
		1st	2nd	
P-2282	40,000	.99	.037	60
11-100	10,000	-	.152	45
11-400	40,000	-	.038	45

Enerpac Hydraulic Pumps

Z-CLASS ELECTRIC HYDRAULIC PUMPS



ZU4 ELECTRIC PUMPS

- High-efficiency pump has higher oil flow and bypass pressure, runs cooler and requires 18% less current draw than comparable pumps
- Powerful 1.7 hp universal electric motor provides high power-to-weight ratio and excellent low-voltage operating characteristics

Model Number	LCD	For Cyl.	Valve Type	Usable Oil Cap. (gal)
ZU4108DB		S/A	Elec. Dump VE-32D	2.0
ZU4308MB		S/A	Manual VM-33	2.0
ZU4320MB		S/A	Manual VM-33	5.0
ZU4208SB	•	S/A	Electric VE-32	2.0
ZU4408SB	•	D/A	Electric VE-43	2.0
ZU4308JB		S/A	Electric VE-33	2.0
ZU44408JB		D/A	Electric VE-43	2.0

ZU4 Pumps are 115 volt, 1 ph. motor, output flow: 60 in³/min @ 10,000 psi.

S/A = single-acting; D/A = double-acting.



ZE ELECTRIC PUMPS

- High-efficiency pump has higher oil flow and bypass pressure, runs cooler and requires 18% less current draw than comparable pumps
- ZE3: 1 hp, 40 cu in/min flow rate
- ZE4: 1.5 hp, 60 cu in/min flow rate
- ZE5: 3 hp, 120 cu in/min flow rate
- ZE6: 7.5 hp, 200 cu in/min flow

Model Number	LCD	For Cylinder	Valve Type	Usable Oil Cap. (gal)
ZE3108DB	•	S/A	Elec. Dump VE-32D	2.0
ZE3208MB		S/A	Manual VM-32	2.0
ZE4308MB		S/A	Manual VM-33	2.0
ZE4420LB	•	D/A	Manual VM-43	5.0
ZE4308SB	•	S/A	Electric VE-33	2.0
ZE5410SG		D/A	Electric VE-43	2.5
ZE5420SG	•	D/A	Electric VE-43	5.0
ZE6440SG		D/A	Electric VE-43	10.0

S/A = single-acting; D/A = double-acting.

Z-CLASS AIR HYDRAULIC PUMPS



ZA4 AIR HYDRAULIC PUMPS

- Features Z-Class high efficiency pump design; higher oil flow and bypass pressure than comparable pumps
- Two speed operation and high by-pass pressure reduces cycle time for improved productivity
- ATEX rated

Model Number	For Cylinder	Valve Type	Usable Oil Cap. (gal)
ZA4204MX	S/A	Manual VM-32	1.0
ZA4208MX	S/A	Manual VM-32	2.0
ZA4220MX	S/A	Manual VM-32	5.0
ZA4404MX	D/A	Manual VM-43	1.0
ZA4408MX	D/A	Manual VM-43	2.0
ZA4410MX	D/A	Manual VM-43	2.5
ZA4420MX	D/A	Manual VM-43	5.0
ZA4440MX	D/A	Manual VM-43	10.0

S/A = single-acting; D/A = double-acting.

ELECTRIC HYDRAULIC PUMPS



ECONOMY PUMPS

- Lightweight and compact
- Highest oil-flow-to-weight ratio: 200 in³/min up to 200 psi; 20 in³/min up to 10,000 psi
- Single-phase 50/60-cycle universal motor

Model Number*	For Cylinder	Valve Type	Usable Oil Cap. (gal)
PUD-1100B	S/A	Dump valve	.50
PUJ-1200B	S/A	Manual 3/2	.50
PUJ-1201B	S/A	Manual 3/2	1.00
PUJ-1400B	D/A	Manual 4/3	.50

S/A = single-acting; D/A = double-acting.

AIR HYDRAULIC PUMPS



TURBO II

- Operating air pressure: 25 – 125 psi
- Quiet, only 76 dba with low air consumption of 12 scfm

XA -SERIES

- Ergonomic design for less operator fatigue
- Variable oil flow and fine metering for precise control

Model Number	For Cylinder	Oil Flow @ 0 psi (in ³ /min)	Oil Flow @ 10,000 psi (in ³ /min)
PATG-1102N*	S/A	60	10
PAMG-1402N*	D/A	60	10
PARG-1102N**	S/A	48	5
XA11	S/A	120	15
XA11G	S/A	120	15

*305 in³ (5 liter) reservoir available: PATG-1105N, PAMG-1105N.

** Remote pendant controlled.

GASOLINE HYDRAULIC PUMPS



ZG5 AND ZG6 GAS HYDRAULIC PUMPS

- Features high efficiency pump design; higher oil flow and bypass pressure than comparable pumps

PGM2 ATLAS GAS HYDRAULIC PUMPS

- Available in 3 hp Honda®

Model Number	For Cyl.*	Engine (hp)	Oil Flow** (in ³ /min)	Valve Type	Usable Oil Capacity (gal)
PGM-2304R	S/A	3.0	40	3/3	1.0
PGM-2404R	D/A	3.0	40	4/3	1.0
ZG5410MX-R	D/A	5.5	100	4/3	2.5
ZG5410MX-BR	D/A	6.5	100	4/3	2.5
ZG6440MX-BCFH	D/A	13.0	200	4/3	10.0

* S/A = single-acting; D/A = double-acting.

** Oil flow at 10,000 psi

PIPE BENDERS



QUICK, SAFE AND WRINKLE-FREE BENDING

- Set includes pump, cylinder, hose, bender frame and bending shoes
- Pipe range ½ - 4 inch nominal bore size
- With bending angle indicator for accuracy and convenience

Set Model Number *	Pipe Range nominal bore (in)	
	one shot	sweep
STB-101B	0.50 – 2.00	–
STB-221H	1.00 – 2.00	2.50 – 4.00
STB-202B	1.25 – 4.00	–

* B = with electric pump; H = with hand pump.

PULLERS



POSI LOCK® PULLERS

- Patented “safety cage” jaw retention system
- Roll-threaded shafts for less effort when applying high torque
- Available in 2- and 3-jaw designs as well as inside and outside pulling configurations
- Available in 100-ton hydraulic grip puller

Model Number*	Capacity (tons)	Spread of jaws (in)	Operation
EP-106	10	.5-7	manual
EP-110	20	1.0-15	manual
EPH-110	15	1.0-15	hydraulic
EPH-113	25	2.5-18	hydraulic

* 3 jaw models.



MULTI-PURPOSE PULLER SETS

- Set comes with pump, hose, cylinder, gauge, adaptor and case
- Also includes: grip puller, cross bearing puller, bearing cup and bearing puller attachments
- Quick set-up for a variety of jobs

Set Model Number*	Cap. (tons)	Grip Pullers*		Cross Bearing*		Bearing Cup*	
		R	S	R	S	R	S
BHP-1752	8	9.92	9.80	18.19	10.47	4.33	4.33
BHP-2751G	20	11.81	19.65	22.48	13.82	5.51	3.54
BHP-3751G	30	15.24	31.50	27.99	17.87	5.71	6.77
BHP-5751G	50	27.56	43.31	33.98	22.44	5.71	11.73

* R = max. reach in inches; S = max. spread in inches.

HYDRAULIC PUNCH



MUCH FASTER THAN DRILLING

- Punches mild steel up to .50 inch thickness
- Durable steel case keeps tools and dies together and provides for easy carrying and storage
- Round, oblong and square punches and dies available
- Available as Tool-Pump Set SP35SP

Model Number	Capacity (ton)	Round Punch & Die Sets				
		Included	Hole Size		Bolt Size	
SP-35S	35	SPD-438	.44	11,1	¾	M10
		SPD-563	.56	14,3	½	–
		SPD-688	.69	17,5	5/8	M10
		SPD-813	.81	20,6	¾	–

MAINTENANCE SETS



THE UNIVERSAL HYDRAULIC TOOL BOX

- Power to push, pull, lift, press, straighten, spread and clamp
- Sets include Enerpac lightweight hand pump, 6 ft. hose, cylinder(s), gauge and adaptor
- Numerous attachments permit quick configuration of specialized tools

Model Number	Capacity* (tons)	No. of Attachments	Single-Acting Cylinder Model No. Included
MS2-4	2.5	28	RC-55
MS2-10	5.0	31	RC-106
MS2-20	12.5	14	RC-256
MS2-1020	5.0-12.5	42	RC-102, 106, 256

* When cylinders are used with attachments, the maximum system pressure must be limited to half the rated pressure (5,000 psi).

HYDRAULIC CUTTERS



IDEAL FOR A WIDE RANGE OF MATERIALS

- Spring return for easy operation
- Self-contained (WMC) and pump powered (WHC) models available
- Guillotine action for easy operation
- Rotating head for operator convenience

Model Number	Capacity (ton)	Cutting Capacity Ø (in)		
		Bar*	Bolt*	Wire*
WMC-750	4	.70	.70	.75
WMC-1250	20	1.10	1.10	–
WMC-2000	13	1.22	.87	1.97
WHC-750*	4	.75	.75	–
WHC-1250*	20	1.10	1.10	–
WHC-2000*	13	1.22	.87	1.97

* Recommended pump P-392 hand pump.

PRESSES



IP SERIES H-FRAME PRESSES

- Capacities from 10 to 200 tons
- Welded steel frames and powerful high-pressure hydraulics



IPR SERIES ROLL-FRAME PRESSES

- Capacities from 50 to 200 tons
- Welded steel frames and powerful HP hydraulics
- Frame rolls easily on four steel roller bearings
- Exclusive Hydra-Lift™ for effortless adjustment



C-CLAMP PRESSES

- 5, 10 and 20 ton capacities
- Operational in all positions

BENCH FRAME PRESS

- Cylinder mounting adapter allows lateral positioning along rails
- Mounting holes for easy anchoring

Model Number	Pump Type*			Cyl. Cap. (tons)	Cyl. Stroke (in)	Daylight H x W (in)
	H	E	A			
IPH-1240	•			10	10	40.00 x 18.63
IPA-1244			•	10	10	40.00 x 18.63
IPE-2505		•		25	6	54.50 x 29.00
IPA-2520			•	25	14	54.50 x 29.00
IPH-5030	•			50	6	48.56 x 28.75
IPA-5021			•	50	6	48.56 x 28.75
IPE-5005		•		50	6	48.56 x 28.75
IPE-5060			•	50	13	48.56 x 28.75
IPH-10030	•			100	10	42.50 x 35.00
IPA-10023			•	100	10	42.50 x 35.00
IPE-10060		•		100	13	42.50 x 35.00

* H = Hand; E = Electric; A = Air.

Model Number	Pump Type	Cyl. Cap. (tons)	Cyl. Stroke (in)	Daylight Height x Width (in)
IPR-5075	Electric	50	13.13	37.12 x 28.75
IPR-10075	Electric	100	13.13	41.28 x 35.00
IPR-20075	Electric	200	13.00	51.00 x 48.00

Model Number	Press Type	Press Capacity (tons)	Max. Bed Daylight (in)
A-205	C-clamp	5	6.5
A-210	C-clamp	10	9.0
A-220	C-clamp	20	11.9
A-258	Bench	10	15.4

PRESSURE GAUGES



GLYCERINE FILLED PRESSURE GAUGES

- Dual scale reading in psi and bar
- All pressure sensing parts sealed and dampened by glycerine for long life
- Includes safety blow-out disk and pressure equalizing membrane
- GA45GC includes gauge, coupler and 45° adaptor

Model Number	Face Ø (in)	Connection (NPTF)	Pressure Range	
			(psi)	(bar)
G-2531R	2.5	1/4" Center Rear	0-1,000	0-70
G-4088L	4	1/4" Lower Mount	0-10,000	0-700
G-4039L	4	1/2" Lower Mount	0-10,000	0-700
GA45GC	2.5	3/8" Lower Mount	0-10,000	0-700

SYSTEM COMPONENTS



HOSES

- Thermo-plastic hoses (700-series) for demanding applications, featuring 4:1 design factor
- Heavy duty rubber hoses (900-series); the most complete offering: 34 different models up to 50 feet in length
- High flow coupler with 3/8"-18 NPTF oil connection, 1040 in³/min. maximum oil flow
- Use premium Enerpac HF hydraulic oil: prevents pump cavitation, additives help prevent rust, oxidation and sludge

Model Number	Description
H-7220	Hose length 20 ft., 3/8" NPTF
HC-9206	Hose length 6 ft., 3/8" NPTF, includes CH-604
HC-9210	Hose length 10 ft., 3/8" NPTF, includes CH-604
HC-7206	Hose length 6 ft., 3/8" NPTF, includes CH-604
HC-7210	Hose length 10 ft., 3/8" NPTF, includes CH-604
C-604	3/8" High flow coupler complete
CR-400	3/8" Female high flow coupler half
CH-604	3/8" Male high flow coupler half
HF-100	Premium hydraulic oil, one quart
HF-101	Premium hydraulic oil, one gallon



FLOW CONTROL VALVES

- All valves are rated for 10,000 psi operating pressure
- All valves feature NPTF porting to insure against leakage at rated pressure
- All valves are painted, coated, or plated for corrosion resistance

Model Number	Description
V-82	Needle valve
V-182	Needle valve
V-8F	Needle valve
V-91	Snubber valve
V-10	Auto damper valve
V-17	Check valve
V-42	Pilot operated check valve
V-66	Manually operated check valve
V-66F	Manually operated check valve
V-152	Pressure relief valve
V-161	Sequence valve

World Class Bolting Solutions

ENERPAC'S Bolting Solutions caters to the complete bolting work-flow, ensuring joint integrity in a variety of applications throughout industry:

Joint Assembly

Enerpac's comprehensive line of joint assembly products range from hydraulic and mechanical alignment tools to PLC-controlled multi-point positioning systems.

Controlled Tightening

From mechanical torque multipliers to hydraulically driven square drive wrenches, and from low profile torque wrenches to inter-connectable bolt tensioning tools; Enerpac offers the products you need for accurate and simultaneous tightening of multiple bolts.

Joint Separation

Enerpac also provides hydraulic nut splitters and a variety of mechanical and hydraulic spreading tools for joint separation during inspection, maintenance and decommissioning operations.

FLANGE MAINTENANCE TOOLS



PARALLEL WEDGE SPREADERS

- Lightweight, portable, easy to use, one person operation
- FSM-8 mechanical version
- FSH-14 hydraulic version also available as set STF-14H including pump, hose and gauge

Model Number	Maximum Spreading Force (ton)	Tip Clearance (in)	Max. ¹⁾ Spread (in)	Oil Capacity (in ³)
FSM-8	8	.24	3.16	-
FSH-14	14	.24	3.16	4.76

¹⁾ Using optional stepped block FSB-1.



FLANGE ALIGNMENT TOOLS

- Easy to use, one person operation
- Corrects twist and rotational misalignment without additional stress in pipelines
- For most commonly used ANSI, API, BS and DIN flanges

Model Number	Max. Lifting Force* (ton)	Minimum Bolt Size		Flange Wall Thickness (including gap between flanges)	
		(in)	(mm)	(in)	(mm)
ATM-2	1	0.63	16	.55 - 3.29	14 - 82
ATM-4	4	0.95	24	1.18 - 5.23	30 - 133
ATM-9**	10	1.24	31.5	3.66 - 9.00	93 - 228

* At 10,000 psi maximum operating pressure.

** ATM-9 includes an Enerpac hand pump and hydraulic hose

HYDRAULIC NUT SPLITTERS



NC NUT CUTTERS

- Compact, ergonomic, lightweight design

NS NUT SPLITTERS

- Designed to suit ANSI B16.5/BS1560 flanges
- Interchangeable heads provide maximum nut range flexibility

Model Number	Capacity (ton)	Bolt Range (in)	Hexagon Nut Sizes (in)	Oil Cap. (in ³)
NC-1319	5	.31 - .50	.50 - .75	.92
NC-1924	10	.50 - .63	.75 - .94	1.22
NC-2432	15	.63 - .88	.94 - 1.13	3.66
NC-3241	20	.88 - 1.13	1.13 - 1.56	4.88
NC-4150	35	1.13 - 1.38	1.56 - 2.00	9.46
NC-5060	50	1.38 - 1.50	2.00 - 2.25	14.64
NC-6075	90	1.50 - 1.88	2.38 - 2.88	30.00
NS-7080	103.2	1.75 - 2.00	2.75 - 3.13	23.00
NS-70105	103.2	1.75 - 2.75	2.75 - 4.25	23.00
NS-110115	192.5	2.75 - 3.00	4.25 - 4.63	50.00
NS-110130	192.5	2.75 - 3.50	4.25 - 5.38	50.00

HYDRAULIC FLANGE SPREADERS



PIN TYPE HYDRAULIC FLANGE SPREADERS

- Lightweight and ergonomic design for ease of use
- Adjustable jaw widths from 2.75 - 8.50" for a wide range of applications
- Available as a complete set including tool, pump, hose, coupler, gauge and adaptor: STF-56H set with P-392 hand pump
STF-109H set with P-392 hand pump
STF-109A set with PATG-1102N Turbo II air hydraulic pump

Model Number	Capacity (ton)	Max. Flange Thickness (in)	Stud Size (in)	Stroke (in)
FS-56	5	2 x 2.25	.75 - 1.13	1.50
FS-109	10	2 x 3.63	1.25 - 1.63	2.13

MANUAL TORQUE MULTIPLIERS



ACCURATE TORQUE MULTIPLICATION

- Reversible, tighten or loosen nuts and bolts
- Provides high output torque for accurate make-up or break-out of fasteners
- 1/2 inch female input square drive

Model Number	Output Capacity (Ft-lbs)	Input Torque (Ft-lbs)	Torque Ratio	Output Male Square Drive (in)
E391	1200	200	6 : 1	3/4
E392	2200	162	13.6 : 1	1
E393	3200	173	18.5 : 1	1
E492	2200	162	13.6 : 1	1
E493	3200	173	18.5 : 1	1
E494	5000	189	26.5 : 1	1 1/2
E495	8000	154	52 : 1	1 1/2

Enerpac Professional Bolting Tools

RIGID STEEL HYDRAULIC TORQUE WRENCHES



SQUARE DRIVE TORQUE WRENCHES

- Compact, high-strength uni-body construction provides a small operating radius without sacrificing endurance
- 35° rotation angle and rapid return stroke for fast operation
- Constant torque output provides accuracy of +/-3% across full stroke
- All X-Edition tools are CE-ATEX declared

Model Number	Socket Size Range *		Square Drive (in)	Max. Torque (Ft-lbs)
	(in)	(mm)		
S1500X	¾ - 2	19 - 50	¾	1440
S3000X	¾ - 3½	19 - 100	1	3225
S6000X	1 7/16 - 4½	36 - 115	1½	6150
S11000X	1 7/16 - 4½	36 - 115	1½	11,175
S25000X	2 7/16 - 6 1/8	65 - 155	2½	25,150

* See our BSH-Series heavy-duty sockets at www.enerpac.com.



LOW-PROFILE HEXAGON WRENCHES

- Superior strength to size ratio provides easy access to difficult to reach applications without sacrificing endurance
- Fast release drive unit enables rapid exchange of cassettes, no tools required
- Constant torque output provides accuracy of +/-3% across full stroke
- All X-Edition tools are CE-ATEX declared

Drive Unit Model No.	Hexagon Cassette Range		Maximum Torque (Ft-lbs)
	(in)	(mm)	
W2000X	1 1/16 - 2½	30 - 60	2040
W4000X	1 5/16 - 3½	36 - 85	4175
W8000X	1 7/8 - 4 1/8	50 - 105	8470
W15000X	2 1/16 - 4½	65 - 115	15,330
W22000X	2 5/16 - 5½	75 - 135	22,500
W35000X	3 1/8 - 6 1/8	80 - 155	35,000

Torque Calculation Engine

ENERPAC'S Bolting Calculator is our free web-based calculator designed to technically support our products. The software will calculate as well as recommend bolt load/stresses for your bolted applications. You may choose between torque or tension as your tightening method and all calculations include hydraulic tool pressures based on tool selection.

Calculation Features

- ANSI B16.5 & B16.47 Flanges
- API 6A & 17D Flanges
- Custom Calculations

Customer Support Features

- Access to Technical Documents
- Engineering Inquiry Section
- Procedures and Guidance

Log on to the bolting calculator at www.enerpac.com

PNEUMATIC TORQUE WRENCHES



PTW-SERIES, PNEUMATIC TORQUE WRENCHES

- High speed continuous rotation for constant torque output
- Ergonomic, low vibration design reduces fatigue and the risk of vibration related injuries for the operator
- Provided with standard reaction arm; wide assortment of custom arms and accessories are available

Model Number*	Max. Torque (Ft-lbs)	Square Drive (in)	RPM
PTW1000C	1000	1	12.6
PTW2000C	2000	1	8.0
PTW3000C	3000	1	3.1
PTW6000C	6000	1½	2.5

* To order without FRL and hose, remove "C" Suffix (e.g. PTW3000).

ULTRASLIM CASSETTES



W-SERIES, ULTRASLIM BI-HEXAGONAL CASSETTES

- Lean, stepped width design allows tool to be mounted over bolts where other tools won't fit
- Premium components provide best-in-class endurance compared to other limited access tools
- Uses same drive unit as standard cassettes

Cassette Model Number	Hexagon Size		Maximum Torque @ 10,000 psi (Ft-lbs)
	(in)	(mm)	
W2113SL	1 1/16	46	2000
W2203SL	2 3/16	55	2000
W2206SL	2 3/8	60	2000
W4203SL	2 3/16	55	4300
W4206SL	2 3/8	60	4300
W4209SL	2 3/16	65	4300
W4212SL	2 3/4	70	4300
W4215SL	2 5/16	75	4300

BOLT TENSIONERS



HYDRAULIC BOLT TENSIONERS

- Maximum operating pressure: 21,750 psi (1500 bar)
- Twin ports for quick connection of multiple tools
- For available adapter kits and additional technical details visit www.enerpac.com

Threaded Fastener Range (in) (mm)	Load Cell and Bridge Reference	Cylinder Effective Area (in²)	Load Cap. (ton)
5/8-1 M16-M30	GT1-LCB	2.32	25.2
1 1/8-1 1/2 M30-M39	GT2-LCB	4.15	45.1
1 1/2-2 M39-M52	GT3-LCB	7.95	86.4
2-2 1/2 M52-M68	GT4-LCB	15.16	164.9
2 1/2-3 1/4 M68-M80	GT5-LCB	23.37	254.1
3 1/4- 3 3/4 M80-M95	GT6-LCB	29.41	319.8



Enerpac Bolting Service

- On-site demonstrations of Enerpac bolting tools
- Repair and calibration services
- Training for the safe and efficient use of Enerpac bolting tools

Offering full bolting tool service and maintenance wherever you need it. We provide you with personalized bolting demonstrations and training, and the bolting service vehicle is equipped to perform torque wrench and other equipment calibrations and repairs on site. We can give you advice on the best solutions and the bolting tools that are most suited to your application, thus enabling safe and controlled performance of your bolting activities.

Schedule a Bolting Service Van Demonstration

Use the distributor search on the web at www.enerpac.com to find the nearest Enerpac bolting service van to schedule a demonstration. These distributors display the bolting service icon.



TORQUE WRENCH PUMPS



- ZU4 ELECTRIC TORQUE WRENCH PUMPS**
- High efficiency Universal Motor draws lower amps for superior performance in remote locations
 - Two-speed operation and high by-pass pressure reduces cycle time for improved productivity
 - Composite shroud with integrated carrying handle for easy transportation
- ZA4 AIR DRIVEN TORQUE WRENCH PUMP**
- Two-speed operation and high by-pass pressure reduces cycle time for improved productivity
 - Heat exchanger cools oil and warms exhaust air to prevent freezing

Model Number	Max. Pressure (psi)	Useable Oil Cap. (gal)	Motor Voltage (VAC)	Air Pressure (psi)
ZU4204BB-QH	10,000	1.00	115	—
ZU4208BB-QH	10,000	2.00	115	—
ZA4204TX-Q	10,000	1.00	—	60-100
ZA4208TX-Q	10,000	1.75	—	60-100

* ZU4: 1.7 hp universal motor, 115 V-1 phase.
ZA4: Air consumption 20-100 scfm.



- TQ700 ELECTRIC TORQUE WRENCH PUMP**
- Optimized flow technology delivers up to 50% faster bolting than competing pumps
 - Compact and lightweight design fits through tight openings and provides easy handling
 - Built-in protection for controls and gauge for job-site durability
 - IP55 rating for superior dust and water protection

Model Number	Max. Pressure (psi)	Useable Oil Cap. (gal)	Motor Voltage (V - Ph - Hz)	Motor Power (hp)
TQ700B	10,000	1.00	115-1-50/60	1
TQ700I	10,000	1.00	230-1-60	1

TORQUE WRENCH PUMPS



- PORTABLE ELECTRIC TORQUE WRENCH PUMP**
- Powerful two-speed pump is lightweight and easy to carry
 - Standard heat exchanger package keeps pump cool under extreme use
 - Universal motor for a high power-to-weight ratio; generates full pressure on as little as 50% of the rated line voltage

Model Number	Max. Pressure (psi)	Useable Oil Cap. (gal)	Motor Voltage (VAC)
PMU-10427-Q	10,000	.50	115
PMU-10447-Q	10,000	1.0	115
PMU-10422-Q	10,000	.50	230
PMU-10442-Q	10,000	1.0	230

TENSIONER PUMPS



- ZUTP ELECTRIC TENSIONER PUMP**
- High efficiency Universal Motor draws lower amps for superior performance in remote locations
 - Panel mounted 6-inch pressure gauge, with polycarbonate cover for improved visibility and safety
 - User adjustable valve for safe and precise pressure control
- ATP AIR DRIVEN TENSIONER PUMP**
- Compact, lightweight, rugged steel frame for protection and easy handling
 - User adjustable valve for safe and precise pressure control

Model Number	Max. Pressure (psi)	Useable Oil Cap. (gal)	Motor Voltage (VAC)	Air Pressure (psi)
ZUTP-1500B	21,750	1.00	115	—
ZUTP-1500I	21,750	1.00	230	—
ATP-1500	21,750	1.00	—	80-90

* ATP air consumption 70 scfm.

Integrated Solutions Heavy Lifting

Enerpac's Integrated Solutions provide high force system solutions to meet customer requirements for safe, precise control of movement and positioning.

With more than 50 years of experience, Enerpac has gained unique expertise in delivering hydraulic solutions for the controlled movement and positioning of structures.

Contact Enerpac on Integrated Solutions at www.enerpac.com.



Hydraulic Gantries

Heavy lifting systems that offer control and stability, even in confined spaces.



Strand Jacks

Strand jack systems that provide fully controlled precise lifting.



Skidding System

A system comprised of a series of skid-shoes powered by hydraulic push-pull cylinders, traveling over a pre-constructed track.



Self-Propelled Modular Trailer (SPMT)

A trailer with a slim design to transport large and heavy objects.



BLS-Series, Hydraulic Stage-Lift Cylinders

Double-acting cylinders with solid plunger design allows for a load to be lifted many times the stroke of the cylinder.



SHS-Series, SyncHoist

Accurate hoisting and load positioning system to enhance a crane's capability.



EVO-Series Synchronous Lifting Systems

High-pressure hydraulics combined with computer-controlled monitoring systems for precise lifting applications.

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