

ENERPAC®

POWERFUL SOLUTIONS. GLOBAL FORCE.



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WORLD CLASS COLLECTION

The World Class Brand

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 1500 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 catalogue is only a selection of the products we offer. To see the full line of products, please refer to the Enerpac Industrial Tools catalogue or visit 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

- Ede (The Netherlands)
- Sydney (Australia)
- Singapore
- Hosur, Tamil Nadu (India)
- Columbus, Wisconsin (USA)

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, oil & gas, 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 allows for both push and pull forces
- Safety valve in double-acting models prevents over-pressurizing.

Model Number	Cylinder Capacity (kN)		Stroke (mm)	Collapsed Height (mm)
	Push	Pull		
RCH-120	125	–	8	55
RCH-121	125	–	42	120
RCH-1211	125	–	42	120
RCH-123	125	–	76	184
RCH-202	215	–	49	162
RCH-206	215	–	155	306
RCH-302	326	–	64	178
RCH-306	326	–	155	330
RCH-603	576	–	76	247
RCH-606	576	–	153	323
RCH-1003	931	–	76	254
RRH-307	326	213	178	330
RRH-606	576	380	166	323
RRH-6010	576	380	257	438
RRH-1001	931	612	38	165
RRH-1006	931	612	153	342

SINGLE-ACTING, SPRING RETURN



RC-DUO GENERAL PURPOSE CYLINDERS

- The GR2 Bearing System absorbs eccentric load 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 Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
RC-50	45	16	41
RC-51	45	25	110
RC-53	45	76	165
RC-55	45	127	215
RC-57	45	177	273
RC-59	45	232	323
RC-101	101	26	89
RC-102	101	54	121
RC-104	101	105	171
RC-106	101	156	247
RC-108	101	203	298
RC-1010	101	257	349
RC-1012	101	304	400
RC-1014	101	356	450
RC-151	142	25	124
RC-152	142	51	149
RC-154	142	101	200
RC-156	142	152	271
RC-158	142	203	322
RC-1510	142	254	373
RC-1512	142	305	423
RC-1514	142	356	474
RC-251	232	26	139
RC-252	232	50	165
RC-254	232	102	215
RC-256	232	158	273
RC-258	232	210	323
RC-2510	232	261	374
RC-2512	232	311	425
RC-2514	232	362	476
RC-308	295	209	387
RC-502	498	51	176
RC-504	498	101	227
RC-506	498	159	282
RC-5013	498	337	460
RC-756	718	156	285
RC-7513	718	333	492
RC-1006	933	168	357
RC-10010	933	260	449



LOW HEIGHT CYLINDERS

- Compact and portable
- Large plunger contact area with grooved end.

Model Number	Cylinder Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
RCS-101	101	38	88
RCS-201	201	45	98
RCS-302	295	62	117
RCS-502	435	60	122
RCS-1002	887	57	141
RSM-50	45	6	32
RSM-100	101	11	43
RSM-200	201	11	51
RSM-300	295	13	58
RSM-500	435	16	66
RSM-750	718	16	79
RSM-1000	887	16	85
RSM-1500	1386	16	100

PULL CYLINDERS



SINGLE-ACTING, SPRING RETURN

- Chrome plated plunger
- Replaceable links on BRP models.

Model Number *	Cylinder Capacity (kN)	Stroke (mm)	Extended Height (mm)
BRC-25	24	127	391
BRC-46	51	140	441
BRC-106	105	151	440
BRP-106C	105	151	738
BRP-106L	105	151	692
BRP-306	326	155	1240
BRP-606	505	152	871

* BRP-106 and BRP-306 models are fitted with rubber bellows for rod protection.

Enerpac Hydraulic Cylinders

ALUMINIUM CYLINDERS - LIGHTWEIGHT



SINGLE-ACTING, SPRING RETURN

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

Model Number *	Cylinder Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
RAC-202	218	50	174
RAC-204	218	100	224
RAC-206	218	150	274
RAC-302	309	50	181
RAC-304	309	100	231
RAC-306	309	150	281
RAC-502	496	50	186
RAC-504	496	100	236
RAC-506	496	150	286
RAC-1004	1002	100	271
RAC-1006	1002	150	321
RAC-1008	1002	200	371
RAC-1506	1589	150	343



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 Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
RACL-302	309	50	231
RACL-304	309	100	281
RACL-306	309	150	331
RACL-502	496	50	236
RACL-504	496	100	286
RACL-506	496	150	336
RACL-1002	1002	50	296
RACL-1004	1002	100	346
RACL-1006	1006	150	396
RACL-1502	1589	50	323
RACL-1504	1589	100	373
RACL-1506	1589	150	423

* Custom strokes available.

DOUBLE-ACTING CYLINDERS



HEAVY-DUTY, LONG-STROKE

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

Model Number	Cylinder Capacity (kN)		Stroke (mm)	Collapsed Height (mm)
	Push	Pull		
RR-1010	101	33	254	409
RR-1012	101	33	305	457
RR-308	295	53	209	395
RR-3014	295	53	368	549
RR-506	498	103	156	331
RR-5013	498	103	334	509
RR-1006	933	435	168	357
RR-10013	933	435	333	524
RR-1506	1386	668	156	385
RR-15013	1386	668	333	582
RR-2006	1995	1017	152	430
RR-20013	1995	1017	330	608



HOLLOW PLUNGER, SINGLE-ACTING

- Hollow plunger design allows for both pull and push forces
- Lightweight, easy to carry and position
- Handles standard on all models.

Model Number *	Cylinder Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
RACH-202	229	50	188
RACH-206	229	150	315
RACH-302	358	50	208
RACH-306	358	150	333
RACH-604	596	100	315
RACH-606	596	150	380
RACH-1002	1157	50	258
RACH-1006	1157	150	391
RACH-1502	1588	50	280
RACH-1506	1588	150	430

* Custom strokes available.



SOLID PLUNGER, DOUBLE-ACTING

- Double-acting for rapid plunger retraction
- Safety valve prevents overpressurization
- Lightweight, easy to carry and position
- Handles standard on all models.

Model Number *	Cylinder Capacity (kN)		Stroke (mm)	Collapsed Height (mm)
	Push	Pull		
RAR-202	218	130	50	189
RAR-206	218	130	150	289
RAR-302	309	179	50	201
RAR-306	309	179	150	301
RAR-502	496	187	50	201
RAR-504	496	187	100	251
RAR-506	496	187	150	301
RAR-1004	1002	557	100	301
RAR-1006	1002	557	150	351
RAR-1008	1002	557	200	401
RAR-1506	1589	924	150	348

* Custom strokes available.



PRECISION PRODUCTION, DOUBLE-ACTING

- Unique mounting configurations simplify fixturing
- Designed for long life; the best choice for production applications.

Model Number	Cylinder Capacity (kN)		Stroke (mm)	Collapsed Height (mm)
	Push	Pull		
BRD-41	35	16	28	186
BRD-43	35	16	79	237
BRD-46	35	16	155	313
BRD-91	80	44	28	223
BRD-93	80	44	79	274
BRD-96	80	44	155	350
BRD-910	80	44	257	452
BRD-166	142	77	159	389
BRD-1610	142	77	260	491
BRD-256	222	98	159	424
BRD-2510	222	98	260	526

Enerpac 700 bar Cylinders and Jacks

SINGLE-ACTING, HIGH TONNAGE



SINGLE-ACTING, LOAD RETURN

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

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.

LOCK NUT, HIGH TONNAGE



SINGLE-ACTING, LOAD RETURN

- Safety Lock Nut for mechanical load holding
- Synthetic coating for improved corrosion resistance and lower friction
- Interchangeable, hardened grooved saddles.

Model Number *	Cylinder Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
CLSG-506	539	150	262
CLSG-5010	539	250	362
CLSG-1002	929	50	182
CLSG-1006	929	150	282
CLSG-10010	929	250	382
CLSG-1502	1390	50	196
CLSG-1506	1390	150	296
CLSG-15010	1390	250	396
CLSG-2002	1861	50	216
CLSG-2006	1861	150	316
CLSG-20012	1861	300	466
CLSG-25012	2565	300	485
CLSG-30012	3193	300	562
CLSG-40012	3919	300	625
CLSG-50012	5114	300	669
CLSG-60012	5987	300	679
CLSG-80012	8234	300	724
CLSG-100012	10260	300	814

* All models are available in 50 mm stroke increments from 50 to 300 mm.
NOTE: All cylinders meet ASME B30.1 and ISO 10100 standards.

Model Number *	Cylinder Capacity (kN)		Stroke (mm)	Collapsed Height (mm)
	Push	Pull		
CLRG-502	539	269	50	162
CLRG-506	539	269	150	262
CLRG-5010	539	269	250	362
CLRG-1002	929	433	50	179
CLRG-1006	929	433	150	279
CLRG-10010	929	433	250	379
CLRG-1502	1390	675	50	196
CLRG-1506	1390	675	150	296
CLRG-15010	1390	675	250	396
CLRG-2002	1861	889	50	212
CLRG-2006	1861	889	150	312
CLRG-20012	1861	889	300	462
CLRG-2502	2565	1068	50	235
CLRG-2506	2565	1068	150	335
CLRG-25012	2565	1068	300	485
CLRG-30012	3193	1060	300	572
CLRG-40012	3919	1354	300	624
CLRG-50012	5114	1733	300	669
CLRG-60012	5987	2068	300	679
CLRG-80012	8234	2709	300	734
CLRG-100012	10260	3792	300	814

* All models are available in 50 mm stroke increments from 50 to 300 mm.
NOTE: All cylinders meet ASME B30.1 and ISO 10100 standards.

Model Number *	Cylinder Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
CLL-506	496	150	264
CLL-5010	496	250	364
CLL-1002	929	50	187
CLL-1006	929	150	287
CLL-10010	929	250	387
CLL-1502	1390	50	209
CLL-1506	1390	150	309
CLL-15010	1390	250	409
CLL-2002	1859	50	243
CLL-2006	1859	150	343
CLL-20012	1859	300	493
CLL-2502	2562	50	249
CLL-25012	2562	300	499
CLL-3002	3193	50	295
CLL-30012	3193	300	545
CLL-40012	3919	300	585
CLL-50012	5118	300	625
CLL-60012	5983	300	645
CLL-80012	8238	300	705
CLL-100012	10260	300	745

* All models are available in 50 mm stroke increments from 50 to 300 mm.

LOW PROFILE LOCK NUT CYLINDERS, HIGH TONNAGE



SINGLE-ACTING, LOAD RETURN

- Extremely low profile for use in confined areas
- Lock nut for mechanical load holding safety
- Optional special synthetic coating for improved corrosion resistance and lower friction for smoother operation
- Includes integral swivel saddle.

Model Number	Cylinder Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
CLP-602	606	50	125
CLP-1002	1027	50	137
CLP-1602	1619	45	148
CLP-2002	1999	45	155
CLP-2502	2567	45	159
CLP-4002	3916	45	178
CLP-5002	5114	45	192

SPREADER CYLINDERS



SINGLE-ACTING, SPRING RETURN

- WR-5: for use in very confined areas
- WR-15: for long stroke spreading
- A-92: spreader attachment.

Model Number	Capacity (kN)	Tip Clearance (mm)	Maximum Spread (mm)	Oil Capacity (cm ³)
WR-5	8,9	12,8	94	10
WR-15	6,0	32,0	292	64
A-92 *	8,9	35,0	158	-

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

Enerpac 700 bar Cylinders and Jacks

JACKS



JHA-SERIES SAF-T-LITE® ALUMINIUM JACKS

- All-directional operation on 62, 133 and 311 kN
- Vertical and horizontal operation other models

JH-SERIES PREMIUM STEEL JACKS

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

Model Number	Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
JHA-73	62	76	133
JHA-156	133	153	247
JHA-356	311	155	257
JHA-756	667	153	285
JHA-1506	1335	155	327
JH-306	267	155	254
JH-506	445	154	260
JH-1006	890	153	287

POW'R-RISER® LIFTING JACKS



DOUBLE-ACTING, HYDRAULIC RETURN

- 54, 90, 136, 181 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 (kN)	Stroke (mm)	Collapsed Height (mm)
PRAMA06014L	533	356	610
PREME06014L	533	356	610
PRAMA06027L	533	686	940
PREME06027L	533	686	940
PRAMA10016L	889	406	660
PREME10016L	889	406	660
PRAMA10027L	889	686	940
PREME10027L	889	686	940
PRASA15016L	1333	394	660
PRASA15027L	1333	673	940
PREME15016L	1333	394	660
PREME15027L	1333	673	940
PRASA20016L	1778	388	660
PRASA20027L	1778	617	940

* PRA with air pump; PRE with electric pump.

POW'R-LOCK™ PORTABLE LIFT SYSTEM



DOUBLE-ACTING, HYDRAULIC RETURN

- Provides continuous locking protection during lift, lower and hold functions
- Simple 2-button pendant allows tilt and lower operation of raise and lower functions from up to 6 m away
- Meets ANSI B30.1-2009, AS/NZS-2538, AS/NZS-2693 certification criteria.

Model Number *	Capacity (kN)	Stroke (mm)	Collapsed Height (mm)
PL20014-ASA	1779	356	864
PL20025-ASA	1779	622	1156

* With air pump.

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 single-acting, spring return cylinder with CR-400 coupler.

Model Number	Capacity (kN)	Stroke (mm)	Toe Position (mm)			Oil Cap. (cm ³)
			min.	central	max.	
SOH-10-6	75	136	20	95	169	224
SOH-23-6	178	157	30	110	190	525



VERTICAL LIFTING WEDGE

- Requires 10 mm access gap
- 21 mm of vertical lift from each step (max. lift to 69 mm with optional LWB-1 stepped block)
- Each step can spread under full load
- Automatic mechanical retraction (single-acting).

Model Number	Capacity (kN)	Lifting Stroke (mm)	Tip Clearance (mm)	Oil Capacity (cm ³)
LW-16	157	21	10	78

CYLINDER-PUMP SETS



SINGLE-ACTING CYLINDER PUMP SETS

- Optimum component match
- 1,8 m safety hose, with gauge and adaptor
- 2-speed lightweight hand pump P-392.

Model Number	Cylinder Capacity (kN)	Cylinder Model Nr.	Cylinder Stroke (mm)
SCR-106H	101	RC-106	156
SCR-252H	232	RC-252	50
SCL-101H	101	RCS-101	38
SCL-302H	295	RCS-302	62
SCH-202H	215	RCH-202	49

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
- Two-speed operation for fast and easy operation (except P-141, P-391)
- Handle lock for easy carrying.

Model Number	For Cylinder	Maximum Pressure (bar)	Displacement per Stroke (cm ³)		Usable Oil Capacity (cm ³)
			1st	2nd	
P-141	S/A	700	-	0,90	327
P-142	S/A	700	3,62	0,90	327
P-202	S/A	700	3,62	0,90	901
P-391	S/A	700	-	2,47	901
P-392	S/A	700	11,26	2,47	901
P-802	S/A	700	39,33	2,47	2540
P-842	D/A	700	39,33	2,47	2540

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



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 (bar)	Displacement per Stroke (cm ³)		Usable Oil Capacity (cm ³)
			1st	2nd	
P-39	S/A	700	-	2,46	770
P-77	S/A	700	16,39	2,46	770
P-80	S/A	700	16,39	2,46	2200
P-801	S/A	700	16,39	2,46	4100
P-84	D/A	700	16,39	2,46	2200
P-462	S/A	700	126,20	4,75	7423
P-464	D/A	700	126,20	4,75	7423

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 0,37 kW motor and 28 Volt Lithium-Ion battery deliver exceptional speed and run time.

Model Number	Charger Voltage (VAC)	Output Flow Rate (l/min)			Usable Oil Capacity (litres)
		No Load	140 bar	700 bar	
XC-1201MB	115	2,0	0,50	0,25	1,0
XC-1202MB	115	2,0	0,50	0,25	2,0
XC-1201ME	230	2,0	0,50	0,25	1,0
XC-1202ME	230	2,0	0,50	0,25	2,0
XC-1201M *	-	2,0	0,50	0,25	1,0
XC-1202M *	-	2,0	0,50	0,25	2,0

Note: All models for use with 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 (bar)	Displacement per stroke (cm ³)	Usable Oil Capacity (cm ³)
P-18	200	2,46	360
P-25	175	9,50	3277
P-50	350	4,75	3277
P-51	200	4,10	819

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 (bar)	Displacement per stroke (cm ³)		Usable Oil Capacity (cm ³)
		1st	2nd	
P-2282	2800	16,22	0,61	983
11-100	700	-	2,49	737
11-400	2800	-	0,62	737

Z-CLASS ELECTRIC HYDRAULIC PUMPS



ZU4-SERIES ELECTRIC PUMPS

- High-efficiency pump has higher oil flow and bypass pressure, runs cooler and requires 18% less current draw than comparable pumps
- Powerful 1,25 kW universal electric motor provides high power-to-weight ratio and excellent low-voltage operating characteristics.

Model Number *	LCD	For Cyl. **	Valve Type	Usable Oil Capacity (litres)
ZU4108DE	•	S/A	Electric Dump 3/2	8,0
ZU4308ME	–	S/A	Manual 3/3	8,0
ZU4320ME	–	S/A	Manual 3/3	20,0
ZU4208SE	•	S/A	Electric 3/2	8,0
ZU4408SE	•	D/A	Electric 4/3	8,0
ZU4308JE	–	S/A	Manual 3/3	8,0
ZU4408JE	–	D/A	Manual 4/3	8,0

* 240V-1phase, 50/60 Hz. Output oil flow 1,0 l/min at 700 bar.
** S/A = single-acting; D/A = double-acting.



ZE-SERIES ELECTRIC PUMPS

- High-efficiency pump has higher oil flow and bypass pressure, runs cooler and requires 18% less current draw than comparable pumps
- ZE3: 0,75 kW, 0,55 l/min at 700 bar;
ZE4: 1,12 kW, 0,82 l/min at 700 bar;
ZE5: 2,24 kW, 1,64 l/min at 700 bar;
ZE6: 5,6 kW, 2,73 l/min at 700 bar.

Model Number 400V - 3 ph	LCD	For Cyl. *	Valve Type	Usable Oil Capacity (litres)
ZE3108DW	•	S/A	Electric Dump 3/2	8,0
ZE3208MW	–	S/A	Manual 3/2	8,0
ZE4308MW	–	S/A	Manual 3/3	8,0
ZE4420LW	•	D/A	Manual 4/3	20,0
ZE4308SW	•	S/A	Electric 3/3	8,0
ZE5410SW	•	D/A	Electric 4/3	10,0
ZE5420SW	•	D/A	Electric 4/3	20,0
ZE6440SW	•	D/A	Electric 4/3	40,0

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

Z-CLASS AIR HYDRAULIC PUMPS



ZA4-SERIES AIR HYDRAULIC PUMPS

- 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
- Output flow rate 1,3 l/min at 700 bar
- ATEX rated
- 2840 l/min air consumption.

Model Number	For Cylinder *	Valve Type	Usable Oil Capacity (litres)
ZA4204MX	S/A	Manual 3/2	4,0
ZA4308MX	S/A	Manual 3/3	8,0
ZA4220MX	S/A	Manual 3/2	20,0
ZA4404MX	D/A	Manual 4/3	4,0
ZA4408MX	D/A	Manual 4/3	8,0
ZA4410MX	D/A	Manual 4/3	10,0
ZA4420MX	D/A	Manual 4/3	20,0
ZA4440MX	D/A	Manual 4/3	40,0

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

ELECTRIC HYDRAULIC PUMPS



PU-SERIES ECONOMY PUMPS

- Lightweight and compact
- Highest oil-flow-to-weight ratio: 3,31 l/min at 13 bar; 0,32 l/min at 700 bar
- Single-phase 50/60-cycle universal 0,37 kW motor.

Model Number 230V - 1 ph	For Cylinder *	Valve Type	Usable Oil Capacity (litres)
PUD-1100E	S/A	Dump valve 3/2 *	1,9
PUJ-1200E	S/A	Manual 3/2	1,9
PUJ-1201E	S/A	Manual 3/2	3,8
PUJ-1400E	D/A	Manual 4/3	1,9

* S/A = single-acting; D/A = double-acting.
** Electric dump valve for auto-retract.

AIR HYDRAULIC PUMPS



PA-SERIES TURBO II AIR PUMPS

- Operating air pressure: 2,8 - 8,8 bar
- Quiet 76 dBA, low air consumption 340 l/min

XA-SERIES FOOT PUMPS

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

Model Number	For Cyl. ***	Oil Flow (l/min)		Valve Type	Usable Oil Capacity (litres)
		No Load	700 bar		
PATG-1102N	S/A	1,0	0,16	3/3	2,0
PAMG-1402N	D/A	1,0	0,16	4/3	2,0
PARG-1102N *	S/A	0,76	0,10	3/3	2,0
XA11	S/A	2,0	0,25	3/3	1,0
XA11G **	S/A	2,0	0,25	3/3	1,0

* Remote pendant controlled. ** With integrated pressure gauge.
*** S/A = single-acting; D/A = double-acting.

GASOLINE HYDRAULIC PUMPS



ZG-SERIES Z-CLASS PUMPS

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

Model Number	For Cyl. *	Engine (kW)	Oil Flow ** (l/min)	Valve Type	Usable Oil Capacity (litres)
ZG5410MX-R	D/A	4,1	1,60	4/3	10,0
ZG5410MX-BR	D/A	4,8	1,60	4/3	10,0
ZG6440MX-BCFH	D/A	9,7	3,30	4/3	40,0

* D/A = double-acting.
** Oil flow at 700 bar.

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.

Model Number *	Pipe Range Nominal Bore (inch)	
	one shot	sweep
STB-101E	½ - 2	-
STB-221H	1 - 2	2½ - 4
STB-202E	1¼ - 4	-

* E = 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 (3 jaws)	Capacity (kN)	Spread of Jaws (mm)	Operation
EP-106	89	12 - 178	Manual
EP-110	178	25 - 381	Manual
EPH-110	142	25 - 381	Hydraulic *
EPH-113	232	63 - 457	Hydraulic *

* Cylinder not included.



MULTI-PURPOSE PULLER SETS

- Set comes with hand 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.

Model Number	Capacity (kN)	Grip Pullers *		Cross Bearing *		Bearing Cup *	
		R	S	R	S	R	S
BHP-1752	71	252	249	462	266	110	110
BHP-2751G	178	300	499	571	351	140	220
BHP-3751G	267	387	800	711	454	145	359
BHP-5751G	445	700	1100	863	570	145	359

* R = maximum reach in mm,
S = maximum spread in mm.

HYDRAULIC PUNCH



MUCH FASTER THAN DRILLING

- Punches mild steel up to 12,7 mm 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 Sets with hose, gauge, adaptor and pump.

Model Number	Capacity (kN)	Round Punch & Die Sets			
		Included	Hole Size (mm)	Hole Size (inch)	Bolt Size (mm) (inch)
SP-35S	311	SPD-438	11,1	0,44	M10 ¾
		SPD-563	14,3	0,56	- ½
		SPD-688	17,5	0,69	M16 5/8
		SPD-813	20,6	0,81	- ¾

MAINTENANCE SETS



THE UNIVERSAL HYDRAULIC TOOL BOX

- Power to push, pull, lift, press, straighten, spread and clamp
- Sets include Enerpac lightweight hand pump, 1,8 m hose, single-acting cylinder(s), gauge and adaptor
- Numerous attachments permit quick configuration of specialized tools.

Model Number	Capacity * (kN)	Number of Attachments	Cylinder(s) Included
MS2-4	22	35	RC-55
MS2-10	50	40	RC-106
MS2-20	116	19	RC-256
MS2-1020	50 - 116	59	RC-102, 106, 256

* When cylinders are used with attachments, the maximum system pressure must be limited to half the rated pressure (350 bar).

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 smooth cutting operation
- Rotating head for operator convenience.

Model Number	Capacity (kN)	Maximum Cutting Capacity (ø mm)			
		Bar	Bolt	Wire	Cable
WMC-750	40	17	17	19	17
WMC-1250	195	28	31	31	-
WMC-2000	127	31	22	50	50
WHC-750 *	40	19	19	19	-
WHC-1250 *	195	28	28	31	-
WHC-2000 *	127	31	22	50	50

* Recommended hand pump for WHC-Cutterheads: P-392.

PRESSES



BENCH AND WORKSHOP PRESSES

- Height adjustment of upper or lower bed with winch (XLP 50 and 75 ton)
- Width adjustment allows cylinder to move from side-to-side
- Pump options include XA-Series air-operated foot pump: suitable for delicate pressing jobs from variable oil flow.

Model Number	Capacity (kN)	Pump Type	Cylinder Stroke (mm)	Maximum Daylight H x W (mm)
VLP-106P142	101	Manual	156	430 x 435
XLP-256P392	232	Manual	158	1225 x 510
XLP-256XA11G	232	Air	158	1225 x 510
XLP-506P802	498	Manual	159	993 x 990
XLP-506XA12G	498	Manual	159	993 x 990
XLP-5013ZES*	498	Electric	334	993 x 990
XLP-756XA12G	718	Air	156	989 x 990
VLP-10013ZES*	933	Electric	333	989 x 990
VLP-20013ZES*	1995	Electric	330	1340 x 1220



ROLL-FRAME PRESSES

- Roller head design to allow lateral movement and locking of the cylinder
- Frame rolls easily on four steel roller bearings
- Effortless adjustment of vertical daylight
- With ZE-Series electric pump.

Model Number	Capacity (kN)	Vertical Daylight min. - max. (mm)	Max. Bed Width (mm)	Cylinder Stroke (mm)
BPR-5075	498	152 - 942	730	334
BPR-10075	933	159 - 1048	889	333
BPR-20075	1995	279 - 1295	1219	330



C-CLAMP PRESSES

- Operational in all positions.

ARBOR PRESSES

- Machined working surfaces for easier fixturing
- Foot mounding holes for horizontal or vertical positioning
- Slotted back simplifies loading and unloading of longer parts.

Model Number	Press Type	Press Capacity (kN)	Maximum Daylight H x W (mm)
A-205	C-Clamp	45	51 x 165
A-210	C-Clamp	101	57 x 228
A-220	C-Clamp	178	70 x 305
A-310	Arbor	101	135 x 230
A-330	Arbor	295	178 x 260

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 (mm)	Connection (NPTF)	Pressure Range (bar)	Pressure Range (psi)
G2531R	63	1/4" Center Rear	0-70	0-1000
G4088L	100	1/4" Lower Mount	0-700	0-10.000
G4039L	100	1/2" Lower Mount	0-700	0-10.000
GA45GC	63	3/8" Lower Mount	0-700	0-10.000

SYSTEM COMPONENTS



HOSES, COUPLERS AND HYDRAULIC OIL

- Thermoplastic hoses, 2800 bar burstpressure
- 700 bar high flow coupler, 3/8"-18 NPTF, 17 l/min maximum oil flow
- Premium hydraulic oil: prevents pump cavitation, additives prevents rust, oxidation and sludge.

Model Number	Description
H-7210	Hose length 3,0 m, 3/8" NPTF
H-7220	Hose length 6,1 m, 3/8" NPTF
HC-7206	Hose length 1,8 m, 3/8" includes CH-604
HC-7210	Hose length 3,0 m, 3/8" includes CH-604
HC-7220	Hose length 6,1 m, 3/8" includes CH-604
C-604	3/8" High flow coupler complete
CR-400	3/8" Female half high flow coupler
CH-604	3/8" Male half high flow coupler
HF-95X	Premium hydraulic oil, 1 litre
HF-95Y	Premium hydraulic oil, 5 litres
HF-95T	Premium hydraulic oil, 20 litres



FLOW CONTROL VALVES

- Rated for 700 bar operating pressure
- 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 Tools

Enerpac's Bolting Tools 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	Max. Spreading Force (kN)	Tip Clearance (mm)	Max. Spread * (mm)	Oil Capacity (cm ³)
FSM-8	72	6	80	-
FSH-14	125	6	80	78

* 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 (kN)	Minimum Bolt Size		Flange Wall Thickness	
		(inch)	(mm)	(inch)	(mm)
ATM-2	10	.63	16	.55 - 3.29	14 - 82
ATM-4	40	.95	24	1.18 - 5.23	30 - 133
ATM-9 *	90	1.24	31,5	3.66 - 9.00	93 - 228

* At 700 bar max. pressure. ATM-9 includes Enerpac P-142 hand pump and HC-7206C 1,8 m hydraulic hose.

HYDRAULIC NUT SPLITTERS



NC-SERIES NUT CUTTERS

- Compact, ergonomic, lightweight design
- Single-acting, spring return

NS-SERIES NUT SPLITTERS

- Designed to suit ANSI B16.5/BS1560 flanges
- Interchangeable heads for max nut range flexibility
- Single-acting, spring return.

Model Number	Capacity (kN)	Bolt Range (mm)	Hexagon Nut Sizes (mm)	Oil Capacity (cm ³)
NC-1319	49	M6 - M12	10 - 19	15
NC-1924	98	M12 - M16	19 - 24	20
NC-2432	147	M16 - M22	24 - 32	60
NC-3241	196	M22 - M27	32 - 41	80
NC-4150	343	M27 - M33	41 - 50	155
NC-5060	490	M33 - M39	50 - 60	240
NC-6075	882	M39 - M48	60 - 75	492
NS-7080	917	M45 - M52	70 - 80	377
NS-70105	917	M45 - M72	70 - 105	377
NS-110115	1711	M76 - M80	110 - 115	819
NS-110130	1711	M76 - M90	110 - 130	819

HYDRAULIC FLANGE SPREADERS



PIN TYPE FLANGE SPREADERS

- Lightweight and ergonomic design
- Adjustable jaw widths from 70 to 216 mm 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 Air hydraulic pump.

Model Number	Capacity (kN)	Maximum Flange Thickness (mm)	Stud Size (mm)	Stroke (mm)
FS-56	45	2 x 57	19 - 28	38
FS-109	101	2 x 92	31 - 41	54

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	Nominal Output Torque (Nm)	Input Torque (Nm)	Torque Ratio	Output Male Square Drive (inch)
E391	1625	271	6 : 1	¾
E392	2980	219	13,6 : 1	1
E393	4340	234	18,5 : 1	1
E492	2980	219	13,6 : 1	1
E493	4340	234	18,5 : 1	1
E494	6780	256	26,5 : 1	1½
E495	10.845	208	52 : 1	1½

Enerpac Professional Bolting Tools

RIGID STEEL HYDRAULIC TORQUE WRENCHES



SQUARE DRIVE TORQUE WRENCHES

- Compact, high-strength uni-body construction with small nose radius
- 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 (inch)	Nominal Torque at 690 bar (Nm)
	(inch)	(mm)		
S1500X	¾ - 2	19 - 50	¾	1952
S3000X	¾ - 3¾	19 - 100	1	4373
S6000X	1¼ - 4½	36 - 115	1½	8338
S11000X	1¼ - 4½	36 - 115	1½	15.151
S25000X	2¼ - 6½	65 - 155	2½	34.099

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



LOW-PROFILE HEXAGON WRENCHES

- Superior strength to size ratio provides easy access to difficult to reach applications
- 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 Nr.	Hexagon Cassette Range		Nominal Torque at 690 bar (Nm)
	(inch)	(mm)	
W2000X	1¼ - 2¾	24 - 60	2766
W4000X	1½ - 3¾	36 - 85	5661
W8000X	1¾ - 4½	50 - 105	11.484
W15000X	2¼ - 4½	65 - 115	20.785
W22000X	2½ - 5¾	75 - 135	30.506
W35000X	3½ - 6½	80 - 155	47.454

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 *	Nominal Torque Output (Nm)	Square Drive (inch)	Speed (RPM)
PTW1000C	1356	1	12,6
PTW2000C	2712	1	8,0
PTW3000C	4067	1	3,1
PTW6000C	8135	1½	2,5

* (FRL and air hose included). To order without FRL and air hose, remove "C" suffix (example: 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.

UltraSlim Cassette Model Nr.	Hexagon Size		Nominal Torque at 690 bar (Nm)
	(inch)	(mm)	
W2113SL	1¼	46	2712
W2203SL	2¼	55	2712
W2206SL	2¾	60	2712
W4203SL	2¾	55	5830
W4206SL	2¾	60	5830
W4209SL	2¾	65	5830
W4212SL	2¾	70	5830
W4215SL	2¾	75	5830

BOLT TENSIONERS



GT-SERIES, HYDRAULIC BOLT TENSIONERS

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

Load Cell and Bridge Reference	Threaded Fastener Range		Cylinder Effective Area (mm²)	Max. Load Capacity (kN)
	(inch)	(mm)		
GT1-LCB	¾ - 1	M16-M30	1495,4	224,3
GT2-LCB	1½ - 1½	M30-M39	2677,2	401,5
GT3-LCB	1½ - 2	M39-M52	5127,1	768,9
GT4-LCB	2 - 2½	M52-M68	9782,1	1466,9
GT5-LCB	2½ - 3¼	M68-M80	15079,7	2261,4
GT6-LCB	3¼ - 3¾	M80-M95	18972,1	2845,1

ENERPAC BOLTING SERVICE



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



ZU4T-SERIES, ELECTRIC WRENCH PUMPS

- Powerful 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

ZA4T-SERIES, AIR DRIVEN 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 (bar)	Useable Oil Capacity (litres)	Motor Voltage (VAC)	Air Pressure (bar)
ZU4204BE-QH	700	4,0	230	–
ZU4208BE-QH	700	8,0	230	–
ZA4204TX-Q	700	2,7	–	4,0 - 6,9
ZA4208TX-Q	700	6,6	–	4,0 - 6,9

* ZU4T: 1,25 kW universal motor, 230 V - 1 phase.
ZA4T: Air consumption 600 - 2840 l/min.



TQ-SERIES, ELECTRIC WRENCH PUMPS

- 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 (bar)	Useable Oil Capacity (litres)	Motor Voltage (V - Ph - Hz)	Motor Power (kW)
TQ-700B	700	4,0	115 - 1 - 50/60	0,75
TQ-700E	700	4,0	230 - 1 - 50	0,75
TQ-700I	700	4,0	230 - 1 - 60	0,75

TORQUE WRENCH PUMPS



PMU-SERIES, PORTABLE ELECTRIC WRENCH PUMP

- Powerful two-speed pump is lightweight and easy to carry
- Standard heat exchanger package keeps pump cool under extreme use
- 0,37 kW 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 (bar)	Useable Oil Capacity (litres)	Motor Voltage (V - Ph - Hz)
PMU-10427-Q	700	1,9	115 - 1 - 50/60
PMU-10447-Q	700	3,8	115 - 1 - 50/60
PMU-10422-Q	700	1,9	230 - 1 - 50/60
PMU-10442-Q	700	3,8	230 - 1 - 50/60

TENSIONER PUMPS



ZUTP-SERIES, ELECTRIC TENSIONER PUMP

- 1,25 kW universal motor draws lower amps for superior performance in remote locations
- Panel mounted 153 mm pressure gauge, with polycarbonate cover for improved visibility and safety

ATP-SERIES, AIR DRIVEN TENSIONER PUMP

- Compact, lightweight, rugged steel frame for protection and easy handling
- ATEX declared.

Model Number	Max. Pressure (bar)	Useable Oil Capacity (litres)	Motor Voltage (VAC)	Air Pressure (bar)
ZUTP-1500B	1500	4,0	115	–
ZUTP-1500E	1500	4,0	230	–
ATP-1500 *	1500	3,8	–	5,5 - 6,2

* ATP air consumption 594 l/min.

Integrated Solutions – Heavy Lifting Equipment

Integrated Solutions Heavy Lifting Equipment

Enerpac's Integrated Solutions provide hydraulic 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.

TELESCOPIC HYDRAULIC GANTRIES



SL, SBL, MBL-SERIES, HYDRAULIC GANTRIES
Heavy lifting systems that offer control and stability, even in confined spaces. For your most demanding lifting and rigging operations,

STRAND JACKS



HSL-SERIES, STRAND JACKS
Compact high capacity system for controlled lifting and lowering. Strand jack systems that provide fully controlled precise lifting.

SYNCHRONOUS HOISTING



SHS-SERIES, SYNCHOIST – HIGH PRECISION LOAD POSITIONING SYSTEMS
Accurate hoisting and load positioning system to enhance a crane's capability.

SKIDDING SYSTEMS



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

MODULAR TRANSPORTER



SPMT-SERIES, SELF-PROPELLED MODULAR TRANSPORTER
A trailer with a slim design to transport large and heavy objects. Hydraulic strength in a linear drive transport system.

CLIMBING JACKS



BLS-SERIES, CLIMBING JACKS
Double-acting stage lift cylinders with solid plunger design allows for a load to be lifted many times the stroke of the cylinder. The solution for incremental lifting.

SPLIT FLOW PUMPS



SFP-SERIES, SPLIT FLOW PUMPS
The split flow pump is an economical solution for multi-point controlled lifting applications. Multiple outlets with equal oil flow.

SYNCHRONOUS LIFTING SYSTEMS



EVO-SERIES, SYNCHRONOUS LIFTING SYSTEMS
High-pressure hydraulics combined with PLC-controlled monitoring systems for precise lifting applications. The multi-functional lifting system.

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