

Enerpac Hydraulic Presses

ENERPAC Hydraulic Presses are available in a variety of capacities and sizes. The press frames are designed for maximum strength and durability. Strong frames and powerful high-pressure hydraulics will provide years of dependable service in many applications.

ENERPAC Presses are available in Bench, H-Frame, C-Frame, Arbor, Workshop and Roll-Frame models.

These Press features increase productivity and broaden the range of applications:

Side-to-side cylinder movement

Lateral movement capability of cylinder in upper bed.



Press Kits

The 50 and 75 ton XLP-Series presses come as unassembled kits, and include complete press frame, winch, cylinder, pump with gauge, couplers and hose.



Optional "V-blocks"

For positioning of complex parts, are designed with high-strength steel for long life.



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Press Section Overview

Capacity ton (kN)	Press type and functions	Serie	Page
50 - 75 (498 - 718)	Workshop Presses	XLP	 
10 - 200 (232-1995)	H-Frame Presses	IP	 
50-200 (498-1995)	Roll-Frame Presses	IPR	 
5-20 (45-178)	C-Clamp Presses	A	 
10-30 (101-295)	Arbor Presses	A	 
10 (101)	Bench Frame Press	A	 
5 (44,5)	Hydraulic Bench Vise	BV	 
900-90.000 kg	Tension Meters Load Cells	TM LH	 

Available in capacities from 10 to 200 ton, each Enerpac press consists of three basic high quality components: a press frame, a power source and a cylinder.

Press Frame

Press frames include features like workpiece side-loading and height adjustment of the upper and lower bed.

Power Source

Depending on the production requirements, Enerpac presses can be powered by manual, air-hydraulic and electric-drive power sources.

Cylinder

Depending on the application, double-acting cylinders offer increased efficiency. Check out the Selection Charts for the press best suited for your needs.

Gauge

All Workshop, H-Frame and Roll-Frame Presses feature an easy to monitor pressure/force gauge for increased safety.



IMPORTANT!

The frameworks of the workshop presses are exclusively designed for pressing operations, not for pulling. For pulling applications please contact Enerpac.

In order to fully comply with CE regulations, some presses must be equipped with specific safety components, such as spring centered valves, two-hand control devices, guards or others.

Enerpac standard general purpose presses are supplied without guards. However, your application may require that measures should be taken to reduce the risk of injury to operators and other personnel by providing appropriate safeguarding, training and conducting a risk assessment, which eliminates or reduces danger.

Health & safety within your workplace is your responsibility, not that of Enerpac.

Advice on such matters is available from your local enforcement agency. If you require any further information on Enerpac accessories that may help you conform to the Machinery Directive or European legislation contact Enerpac.



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H-Frame and Workshop Presses

▼ IPE-5060, H-Frame Press



IP-Series, H-Frame Presses

- Quality welded frame for maximum strength and long life
- Exclusive “Hydra-Lift” bed for effortless adjustment of the vertical daylight (10 ton models are manual)
- Roller head design is standard to allow movement and locking of the cylinder from side to side
- All models in the Quick Selection Chart have been matched to a pump, cylinder, hose and gauge, offering the complete package.

XLP-Series presses

- Multi-functional presses in kit form
- Easy grip forklift access
- Height adjustment of upper or lower bed with winch
- Width adjustment allows cylinder to move from side-to-side
- Pump options include XA-Series air-operated foot pump
 - pressure gauge integrated in pump for optimal control
 - suitable for delicate pressing jobs from variable oil flow.



◀ An Enerpac H-Frame press makes quick work of removing the shaft from this assembly.

Great Possibilities Great Performance



Cylinder Mounting Block

Allows cylinder mounting into a press frame, while also allowing side to side adjustment of cylinder position.



Hydra-Lift

Allows easy and effortless daylight adjustment. Standard on most IP-Series H-Frame Presses.



Side-to-side cylinder movement

Cylinder can be positioned horizontally side-to-side on all presses.



Press Kits *

The 50 and 75 ton XLP-series presses come standard as unassembled kits, and include complete press frame, winch, cylinder, pump with gauge, couplers and hose.



Easy grip forklift access

Cut-away in lower frame for pallet truck access allows easy transportation of 50 and 75 ton XLP-series presses.



V-Blocks

These V-Blocks are designed for easy fixturing of round stock and other non-uniform materials. Featuring precise fit into the press bolster.



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H-Frame and Workshop Presses

▼ XLP-506XA12G, Workshop Press



XA-Series Foot Pump

The XLP-press with XA-Series air powered foot pump:

– no need to fully lift up foot – rest bodyweight on heel, resulting in a handsfree and stable working position – safe and controlled press operation (see page 100 for XA-Series Pumps).

IP, XLP Series



Press Capacity:

10 - 200 ton

Maximum Daylight x Max. Bed Width:

1393 x 990 mm

Maximum Operating Pressure:

700 bar

▼ QUICK SELECTION CHART

For more technical information see next page.

Press Capacity tons (kN)	Maximum Bed Daylight (mm)	Maximum Bed Width (mm)	Power Source					Press Model Number	Cylinder			Speed ¹⁾ (mm/sec)	
			Type			Valve					Stroke (mm)	Rapid Advance	Pressing
			Man.	Elec.	Air	Man.	Elec.						
10 (101)	1085	456		●		●		IPE-1215	●		254	28	3,7
	1085	456			●	●		IPA-1220	●		254	23	2,9
	1085	456	●			●		IPH-1240	●		254	{7,8}	{1,7}
	1085	456	●			●		IPH-1234		●	254	{11,2}	{1,7}
	1085	456			●	●		IPA-1244		●	254	23	2,9
25 (232)	1393	725		●		●		IPE-2505	●		152	17	1,6
	1393	725		●			●	IPE-2510	●		355	30,9	2,8
	1393	725			●	●		IPA-2520	●		355	10	1,3
	1393	725	●			●		IPH-2531	●		355	{4,9}	{0,7}
30 (295)	1393	725			●	●		IPA-3071		●	355	42,0	0,6
	1393	725		●			●	IPE-3060		●	355	24,3	2,2
	1393	725	●			●		IPH-3080		●	355	{3,7}	{0,6}
50 (498)	1221	736		●			●	IPE-5010	●		330	20,8	1,9
	993	990			●	●		XLP-506XA12G*	●		159	4,7	0,6
	1221	736	●			●		IPH-5031	●		159	{2,3}	{0,3}
	1221	736	●			●		IPE-5005	●		159	7,7	0,7
	1221	736		●		●		IPA-5073	●		330	32,6	3,1
	1221	736			●	●		IPE-5060		●	330	20,8	1,9
	1221	736		●			●	IPH-5080		●	330	{17,7}	{0,7}
75 (718)	989	990			●	●		XLP-756XA12G*		●	156	3,2	0,4
100 (933)	1071	891			●	●		IPA-10023	●		254	17,4	1,6
	1071	891		●			●	IPE-10010	●		254	11,1	1,0
	1071	891	●			●		IPH-10030	●		254	{8,8}	{0,3}
	1071	891		●			●	IPE-10060		●	330	11,1	1,0
	1071	891	●			●		IPH-10080		●	152	{8,8}	{0,3}
150 (1386)	1326	1225		●			●	IPE-15065		●	330	9,8	1,4
200 (1995)	1326	1225		●			●	IPE-20065		●	330	6,8	1,0

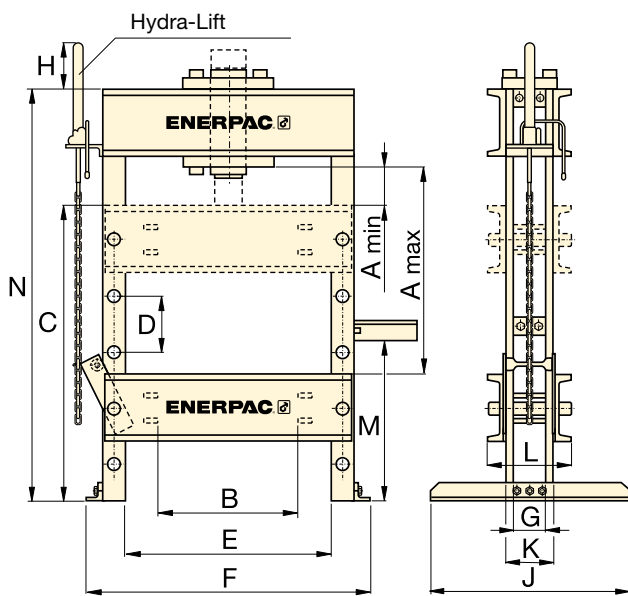
* 50 and 75 ton XLP-Series presses can be ordered as factory assembled press frame: add suffix "M" to model number. Example: XLP-506XA12G-M.

¹⁾ {...} = Millimetres per stroke of pump handle.

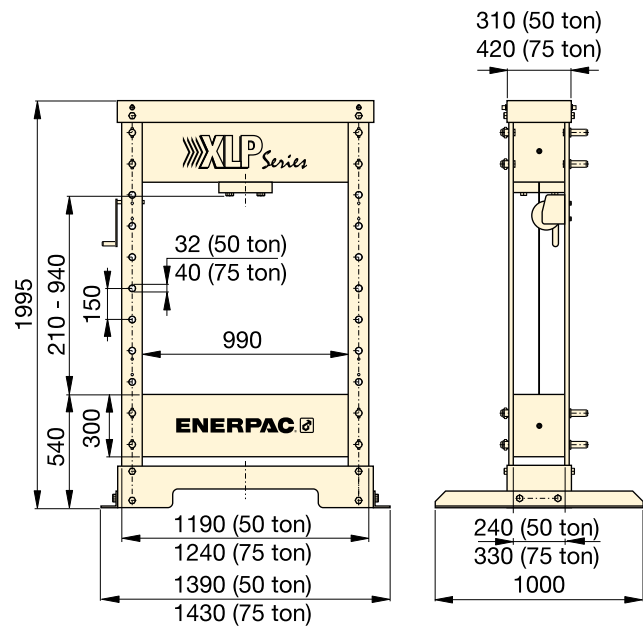


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H-Frame and Workshop Presses



IP-Series H-Frame Presses



XLP-Series 50 and 75 ton Workshop Presses

◀ For full features see previous page.

Press Capacity tons (kN)	Press Model Number	Pump Model Number	Page:	Cylinder Model Number	Page:	H-Frame Press Dimensions (mm)						
						A (max.)	A (min.)	B	C	D	E	F
10 (101)	IPE-1215	PUJ-1200E	78	RC-1010	6	1585	165	–	1545	127	456	629
	IPA-1220	XA-11	100	RC-1010	6	1585	165	–	1545	127	456	629
	IPH-1240	P-392	66	RC-1010	6	1585	165	–	1545	127	456	629
	IPH-1234	P-84	68	RR-1010	32	1585	165	–	1545	127	456	629
	IPA-1244	XA-11VG	100	RR-1010	32	1585	165	–	1545	127	456	629
25 (232)	IPE-2505	PUJ-1200E	78	RC-256	6	1393	179	–	1453	301	725	1028
	IPE-2510	ZE3310SE	92	RC-2514	6	1393	179	–	1453	301	725	1028
	IPA-2520	XA-12	100	RC-2514	6	1393	179	–	1453	301	725	1028
	IPH-2531	P-80	68	RC-2514	6	1393	179	–	1453	301	725	1028
30 (295)	IPA-3071	PAM-1042	105	RR-3014	32	1393	242	–	1453	301	725	1028
	IPE-3060	ZE3410SE	92	RR-3014	32	1393	242	–	1453	301	725	1028
	IPH-3080	P-84	68	RR-3014	32	1393	242	–	1453	301	725	1028
50 (498)	IPE-5010	ZE4310SE	92	RC-5013	6	1221	242	521	1371	263	736	1085
	XLP-506XA12G*	XA-12G	100	RC-506	6	–	–	–	–	–	–	–
	IPH-5031	P-80	68	RC-506	6	1221	242	521	1371	263	736	1085
	IPE-5005	PUJ-1200E	68	RC-506	6	1221	242	521	1371	263	736	1085
	IPA-5073	ZA4410MX	78	RC-506	6	1221	242	521	1371	263	736	1085
	IPE-5060	ZE4410SE	106	RR-5013	32	1221	242	521	1371	263	736	1085
	IPH-5080	P-464	92	RR-5013	32	1221	242	521	1371	263	736	1085
75 (718)	XLP-756XA12G*	XA-12G	100	RC-756	32	–	–	–	–	–	–	–
100 (933)	IPA-10023	ZA4210MX	106	RC-10010	6	1071	171	508	1285	300	891	1295
	IPE-10010	ZE4310SE	92	RC-10010	6	1071	171	508	1285	300	891	1295
	IPH-10030	P-462	68	RC-10010	6	1071	171	508	1285	300	891	1295
	IPE-10060	ZE4410SE	92	RR-10013	32	1071	171	508	1285	300	891	1295
	IPH-10080	P-464	68	RR-1006	32	1071	171	508	1285	300	891	1295
150 (1386)	IPE-15065	ZE5420SW	92	RR-15013	32	1326	308	711	1384	254	1219	1725
200 (1995)	IPE-20065	ZE5420SW	92	RR-20013	32	1326	308	711	1406	254	1225	1725

IMPORTANT! The frameworks of the workshop presses are exclusively designed for pressing operations, not for pulling.
For pulling applications please contact Enerpac.



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H-Frame and Workshop Presses



Optional V-Blocks

To facilitate positioning of pipes and bars, or placed upside-down, to serve as a convenient

worktable. Featuring precise fit into the press bolster. Each model number includes two V-blocks.

To be used with press (ton)	V-Blocks Model Number
10	VB-10
25	VB-25
50	VB-501
75, 100	VB-101
200	A-200



Hydra-Lift™

Allows easy, effortless daylight adjustment. Standard on all 25 to 200 ton H-Frame presses.

To be used with H-Frame Press Capacity	Hydra-Lift™ Model Number
25 to 100 ton	IPL-100
150 and 200 ton	IPL-200

IMPORTANT: Hydra-Lift™ is not designed to withstand full cylinder capacity, only to be used for bed positioning.

IP, XLP Series



Press Capacity:

10 - 200 ton

Maximum Daylight x Max. Bed Width:

1393 x 990 mm

Maximum Operating Pressure:

700 bar



H-Frame Press Gauges

All press models include a gauge and gauge adaptor, matching the press capacity:

Press Capacity tons (kN)	Gauge Model Number	Adaptor Model Number
10 (101)	GF-10B	GA-2
25 (232)	GF-20B	GA-2
30 (295)	GF-835B	GA-3
50 (498)	GF-50B	GA-2
100 (933)	GF-871B	GA-3
150 (1386)	GF-200B	GA-3
200 (1995)	GF-200B	GA-3

For more information on gauges, please refer to the System Components section.

▼ The “cylinder mounting block”, standard on most Enerpac H-Frame presses, allows the user to quickly adapt the press to a specific job.



H-Frame Press Dimensions (mm)								Press Model Number
G	H	J	K	L	M	N		
–	–	755	100	210	610	1829	135	IPE-1215
–	–	755	100	210	610	1829	72	IPA-1220
–	–	755	100	210	610	1829	71	IPH-1240
–	–	755	100	210	610	1829	85	IPH-1234
–	–	755	100	210	610	1829	73	IPA-1244
101	336	762	133	271	673	1930	274	IPE-2505
101	336	762	133	271	673	1930	313	IPE-2510
101	336	762	133	271	673	1930	276	IPA-2520
101	336	762	133	271	673	1930	281	IPH-2531
101	336	762	133	271	673	1930	310	IPA-3071
101	336	762	133	271	673	1930	325	IPE-3060
101	336	762	133	271	673	1930	301	IPH-3080
127	222	914	212	394	813	1930	495	IPE-5010
–	–	–	–	–	–	–	600	XLP-506XA12G*
127	222	914	212	394	813	1930	439	IPH-5031
127	222	914	212	394	813	1930	420	IPE-5005
127	222	914	212	394	813	1930	421	IPA-5073
127	222	914	212	394	813	1930	479	IPE-5060
127	222	914	212	394	813	1930	499	IPH-5080
–	–	–	–	–	–	–	900	XLP-756XA12G*
171	222	914	222	468	635	1930	748	IPA-10023
171	222	914	222	468	635	1930	805	IPE-10010
171	222	914	222	468	635	1930	751	IPH-10030
171	222	914	222	468	635	1930	816	IPE-10060
171	222	914	222	468	635	1930	755	IPH-10080
257	138	1148	342	537	1060	2286	1794	IPE-15065
257	138	1148	342	537	1060	2286	1794	IPE-20065

* 50 and 75 ton XLP-Series presses can be ordered as factory assembled press frame: add suffix “M” to model number. Example: XLP-506XA12G-M.



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IPR-Series, Roll-Frame Presses

▼ Shown: IPR-5075



- Quality welded frame for maximum strength and long life
- Frame rolls easily on 4 steel roller bearings
- Exclusive 'Hydra-Lift' bolster for effortless adjustment of the vertical daylight
- Roller head design is standard to allow lateral movement and locking of the cylinder up to 300 mm left or right of centre
- All models in the quick selection chart have been matched to an electric pump, double-acting cylinder, hose and gauge, offering the complete package
- Roll-Frame design features a stationary bed with the ability to support heavy loads.

Expert Designed Versatility



Cylinder adjustment

Cylinder adjustment allows horizontal side to side cylinder positioning.



Hydra-Lift™

Allows easy, effortless daylight adjustment. Standard on all Roll-Frame presses. Hydra-Lift™ includes accessory chain.

To be used with Roll-Frame Press Capacity	Hydra-Lift™ Model Number
50 & 100 ton	IPL-R100
200 ton	IPL-R200

IMPORTANT: Hydra-Lift™ is not designed to withstand full cylinder capacity, only to be used for bed positioning.



Optional V-Block

The V-Block is designed for easy fixturing of round stock and other non-uniform materials. Featuring precise fit into the press bolster. Model number includes 2 V-blocks.

To be used with Roll-Frame Press (ton)	V-Block Model Number
200	A-200R

▼ SELECTION CHART

Press Capacity	Vertical Daylight A (mm)		Maximum Bed Width E (mm)	Electric Pump		Press Model Number		Double-Acting Cylinder		Speed (mm/sec)	
				Model Number				Stroke (mm)	Model Number		Rapid Advance
ton (kN)	min.	max.									
50 (498)	131	922	813	ZE4410SE	92	IPR-5075	334	RR-5013	32	20,8	1,9
100 (933)	320	1208	886	ZE5410SW	92	IPR-10075	333	RR-10013	32	14,5	2,1
200 (1995)	376	1138	1222	ZE4420SW	92	IPR-20075	330	RR-20013	32	5,2	0,5



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Roll-Frame Presses



▲ AnIPR-20075 Roll-Frame Press is used to remove a large shaft from this pillow-block assembly. The Roll Frame design allows this heavy part to be safely loaded with an overhead crane.

IPR Series



Capacity:

50 - 200 ton

Maximum Daylight x Width:

1208 x 1222 mm

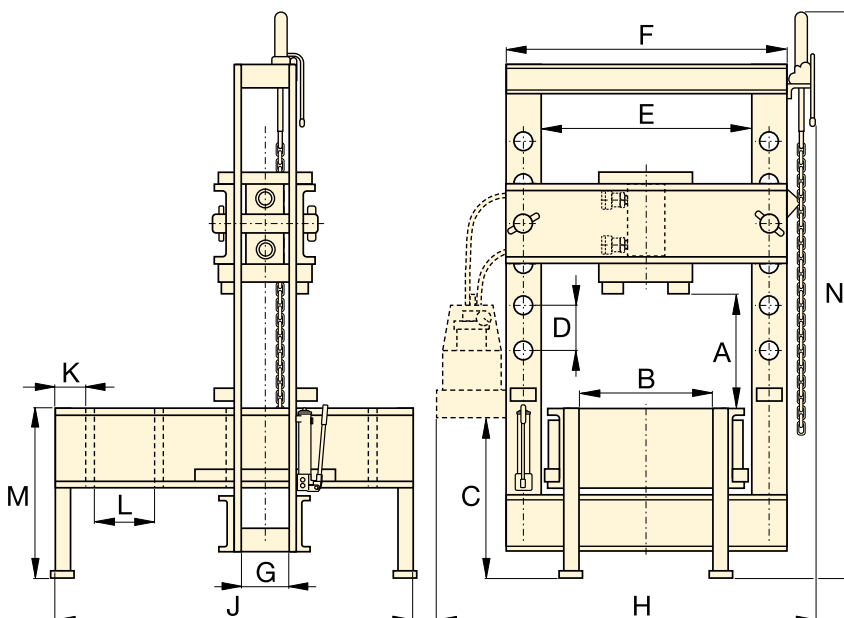
Maximum Operating Pressure:

700 bar



IMPORTANT!

The frameworks of the presses are exclusively designed for pressing operations, not for pulling. For pulling applications please contact Enerpac.



Gauges

All press models include a gauge and gauge adaptor, matching the press capacity:

Press Capacity	Gauge Model Number	Adaptor Model Number
ton		
50	GF-50B	GA-2
100	GF-871B	GA-3
200	GF-200B	GA-3

For more information on gauges, please refer to the System Components section.

Roll-Frame Press Dimensions (mm)														Press Model Number
A (min.-max.)	B	C	D	E	F	G	H	J	K	L	M	N	(kg)	
131-922	686	373	264	813	1006	102	1557	1626	216	270	800	2629	917	IPR-5075
320-1208	706	452	222	886	1140	143	1588	1677	220	270	800	2778	1767	IPR-10075
376-1138	1010	720	254	1222	1622	257	2197	1631	380	381	889	3115	4186	IPR-20075



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A-Series, C-Clamp, Arbor and Bench Presses

▼ Shown from left to right: A-220, A-330 and A-258



C-Clamp Press

- 5, 10 and 20 ton capacity
- Operational in all positions.

Arbor Press

- 10 and 30 ton capacity
- Foot mounting holes for horizontal or vertical positioning
- Machined working surfaces for easier fixturing
- Slotted back to simplify loading and unloading of longer parts.

Bench Press Frame

- Cylinder mounting adaptor allows lateral positioning along rails
- Mounting holes for easy mounting to fix surface.

▼ A-310 Arbor Press used for compacting powder at 10 ton.



The Standard Workshop Tools



Push Pin A-183

For applications requiring precision pressing, such as shaft removal and insertion. This attachment fits 10 ton cylinders and requires the use of a threaded adaptor saddle (A-13).



Smooth Saddle A-185

For pressing applications of delicate parts, such as aluminium castings, this saddle decreases surface marks during the pressing application. Requires 10 ton cylinder and threaded adaptor saddle (A-13).



Hydraulic Cylinders

Cylinders for C-Clamps and Arbor Presses must be ordered separately.



Hydraulic Pumps

Pumps for C-Clamps and Arbor Presses must be ordered separately.

▼ SELECTION CHART

Press Type	Press Capacity ton (kN)	Maximum Vertical Daylight (mm)	Maximum Bed Width (mm)	Press Model Number	Cylinder Model Number *	Page:
C-Clamp	5 (45)	165	51	A-205	5 ton RC-cylinder*	6
	10 (101)	228	57	A-210	10 ton RC-cylinder*	6
	20 (178)	305	70	A-220	25 ton RC-cylinder**	6
Arbor	10 (101)	227	135	A-310	10 ton RC-cylinder*	6
	30 (295)	260	178	A-330	RC-308*	6
Bench	10 (101)	419	381	A-258	10 ton RC-cylinder*	6

* Recommended cylinder must be ordered separately.

** Must be limited to 20 ton.



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C-Clamp, Arbor and Bench Presses



▲ A perfect example of the force and versatility of the Enerpac A-220 C-Clamp Press.

A Series



Capacity:

5 - 30 ton

Maximum Daylight x Width:

419 x 381 mm

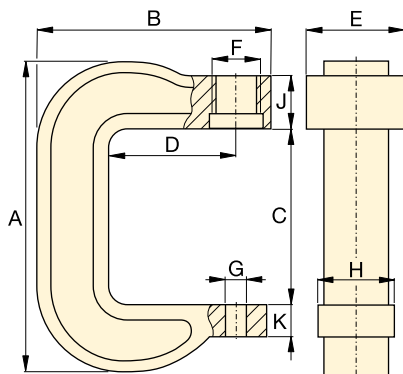
Maximum Operating Pressure:

700 bar



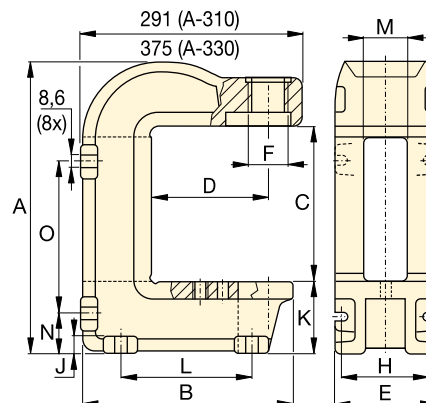
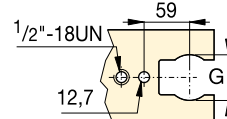
IMPORTANT!

For high-cycle production applications, the C-Clamp and Arbor presses should be limited to 50% of their capacity.

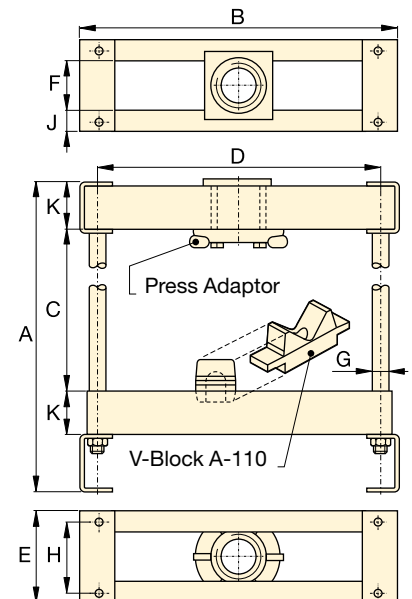


C-Clamp Presses
A-205, A-210, A-220

Top View Working Surface



Arbor Presses
A-310, A-330



Bench Press Frame
A-258

Press Dimensions (mm)															Press Model Number
A	B	C	D	E	F	G	H	J	K	L	M	N	O	(kg)	
291	203	165	95	73	1½" -16 UN	26	51	66	25	—	—	—	—	7	A-205
406	283	228	152	83	2¼" -14 UN	26	76	64	41	—	—	—	—	17	A-210
540	346	305	152	108	3⅝" -12 UN	26	95	70	44	—	—	—	—	38	A-220
414	281	227	152	135	2¼" -14 UN	63	122	19	97	175	65	54	219	27	A-310
557	353	260	152	178	3⅝" -12 UN	63	140	25	165	203	67	98	276	86	A-330
651	476	419	406	146	82	25	114	31	69	—	—	—	—	48	A-258



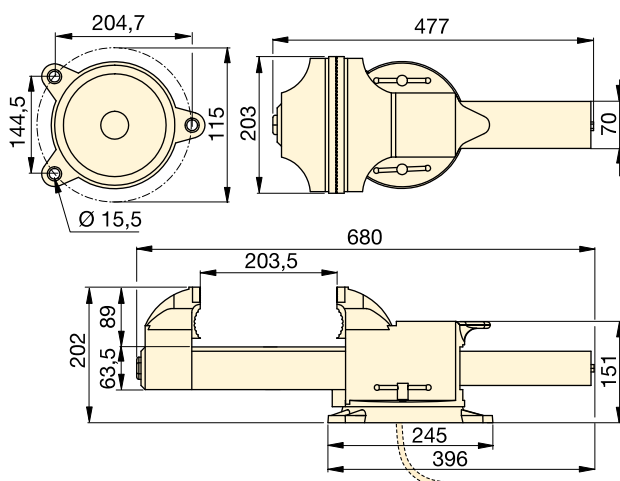
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BV-Series, Hydraulic Bench Vise

▼ Shown: **BV-5 Hydraulic Bench Vise**



- 44,5 kN of force for forming and pressing applications
- 203 mm jaws hold large objects, making cumbersome tasks into one-person jobs
- Hands-free operation for safe and controlled actuation when paired with PA-133 air-powered foot pump
- Flexible-use and ergonomically-friendly tool mounts as a press vertically or as a bench vise horizontally with a swivel base
- Rapid spring return makes repetitive work faster
- Accessory Magnetic Jaw Liners free hands by holding sockets, screws, rings, c-clips, springs, etc.



▼ SELECTION CHART

Maximum Force at 700 bar ton (kN)	Model Number	Oil Capacity (cm ³)	Height (mm)	Jaw Width (mm)	Jaw Opening (Fully Open) (mm)	Length (Jaws Closed) (mm)	Length (Jaws Open) (mm)	Weight (Vise only) (kg)
5 (44,5)	BV-5	131	202	203	203	477	680	25

Optional accessory: Magnetic Jaw Liners hold steel objects like sockets, screws and rings. Order Model Number **BV-5VC**.

BV Series



Maximum Force:

44,5 kN

Maximum Jaw Opening:

203 mm

Jaw Width:

203 mm

Maximum Operating Pressure:

700 bar



Hydraulic Bench Vise Set

Order everything needed in one box to start working.

Set Model Number	Vise Model Number	Pump Model Number	Coupler Model Number
STV-5A	BV-5 *	PA-133	CR-400

* Includes hose HC-7206.

▼ Enerpac BV-5 Hydraulic Bench Vise with hands-free PA-133 Foot Pump makes work with a large heavy piece into a one person job.



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Tension Meter and Load Cells

▼ Shown: **LH-102** and **TM-5** (in middle)



TM LH Series



Capacity:

900 - 90.000 kg

Accuracy, % of full scale:

± 2%

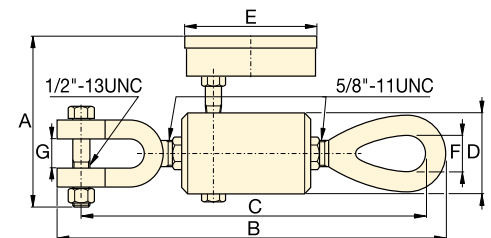


TM and LH models are 100% tested to verify accuracy within a $\pm 2\%$ range.

If your application requires a calibrated tool, it must be submitted for certification testing. Certification is NOT available from Enerpac.

Tension Meter TM-5

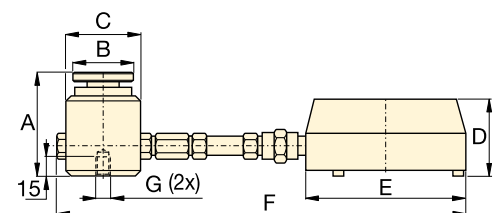
- Accuracy $\pm 2\%$ of full scale
- Zinc and bronze plated to resist corrosion
- Dual-range readout in kilograms and pounds
- Maximum indicating pointer reading for pre-selected forces or to maintain force readings
- Cushioned metal case provides safe storage and transport.



TM-5

Load Cells LH-Series

- Accuracy $\pm 2\%$ of full scale
- Swivel loading pad reduces eccentric loading for improved accuracy
- Maximum indicating pointer reading pre-selected forces or to maintain maximum force readings
- Dual-range readout in kilograms and pounds.



LH-Series

Type	Gauge Capacity		Model Number	Minimum Reading		Gauge Increments		Dimensions (mm)						
	(kg)	(lbs)		(kg)	(lbs)	(kg)	(lbs)	A	B	C	D	E	F	G
Direct Mounted	4.500	10.000	TM-5	500	1.000	100	100	120	247	236	50	93	22	19
Direct Mounted Load Cell	900	2.000	LH-10	100	200	20	20	77	44	57	60	101	215	1/4" - 20, 44,5 BC
	4.500	10.000	LH-50	500	1.000	100	100	77	44	57	60	101	215	1/4" - 20, 44,5 BC
Remote Mounted with 0,6 m Hose	900	2.000	LH-102	100	200	20	20	77	44	57	60	147	846	1/4" - 20, 44,5 BC
	4.500	10.000	LH-502	500	1.000	100	100	77	44	57	60	147	846	1/4" - 20, 44,5 BC
	9.000	20.000	LH-1002	1.000	2.000	200	200	77	44	57	60	147	846	1/4" - 20, 44,5 BC
Remote Mounted with 1,8 m Hose	21.000	50.000	LH-2506	3.000	5.000	500	500	101	69	85	60	147	2094	3/8" - 24, 63 BC
	45.000	100.000	LH-5006	5.000	5.000	1.000	1.000	132	101	127	60	147	2135	3/8" - 24, 89 BC
	90.000	200.000	LH-10006	10.000	10.000	1.000	2.500	158	127	158	60	147	2166	3/8" - 24, 102 BC

BC = Bolt Circle



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Hydraulic and Mechanical Pullers

ENERPAC offers a complete line of pullers with the widest range of sizes, capacities and styles. Whether your application requires mechanical, hydraulic or the patented Posi Lock® system, Enerpac can satisfy your requirements.

Made of high strength steel alloys, you can depend on Enerpac pullers to provide years of trouble-free operation, even in the harshest environments.



Hydraulic Pullers

These hydraulic pullers eliminate time-consuming and unsafe hammering, heating or prying. Damage to parts is minimized through the use of controlled hydraulic power.



Posi Lock® Pullers

The puller that meets the safety challenge. A control cage holds the pulling jaws securely in working position. This patented feature reduces the possibility of the puller jaws slipping off the work surface, thereby increasing productivity and tool life and reducing dangerous situations for the user. The Posi Lock® feature is available in a mechanical or hydraulic version.



WARNING

Do not exceed 50% of the rated puller capacity when using a double crosshead (2 grip arms) or when using puller legs in combination with bearing puller attachment.



CAUTION!

Not all puller components and configurations are rated at the set capacity. Please contact Enerpac for details.



Always wear Safety Goggles while using pullers.



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Puller Section Overview

When selecting a puller it is important to consider 3 basic specifications:

1. The Capacity:

is the amount of force the puller is capable of producing.

Typically, the capacity required for a job can be determined by using the shaft diameter of the part being pulled.

For manual pullers, the center bolt diameter of the puller should be at least half the diameter of the shaft being pulled from.

For hydraulic pullers, the capacity in tons should be 0,28 to 0,4 times the shaft diameter in mm. Use the following chart:

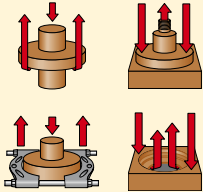
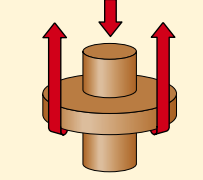
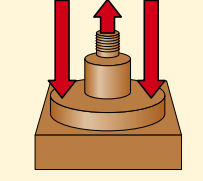
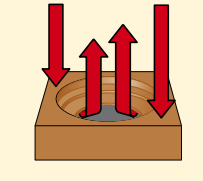
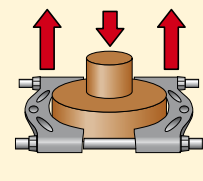
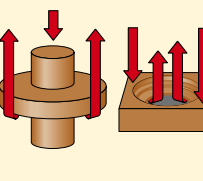
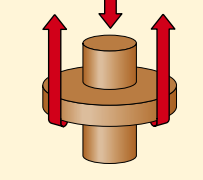
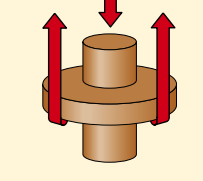
Shaft Diameter	Puller Capacity
0 - 25 mm	10 ton
25 - 50 mm	20 ton
50 - 89 mm	30 ton
89 - 140 mm	50 ton

2. The Reach:

is the distance between the bottom of the base and the jaw flats. The puller's reach must equal or exceed the same distance of the part being pulled.

3. The Spread:

is the distance between the jaws. The puller's spread needs to be greater than the width of the part being pulled.

Puller Function	Capacity ton	Puller Type	Series	Page
	8-50	Master Puller Sets Max. Reach: 252 - 700 mm Max. Spread: 250 - 1100 mm	BHP	 
	8-50	Grip Puller Sets Max. Reach: 249 - 700 mm Max. Spread: 50 - 580 mm	BHP	 
	8-50	Cross Bearing Puller Sets Max. Reach: 354 - 863 mm Max. Spread: 266 - 570 mm	BHP	 
	8-50	Bearing Cup Pullers Max. Reach: 110 - 145 mm Max. Spread: 26 - 359 mm	BHP	 
	8-50	Bearing Pullers Max. Width: 110 - 264 mm Max. Spread: 10 - 245 mm	BHP	 
	2-40	Posi Lock® Mechanical Pullers Max. Reach: 101 - 355 mm Max. Spread: 12 - 635 mm	EP EPP EPX EPPMI	 
	10-50	Posi Lock® Hydraulic Pullers Max. Reach: 203 - 355 mm Max. Spread: 304 - 635 mm	EPH EPHR EPHS	 
	100	Posi Lock® Hydraulic Pullers Max. Reach: 1219 mm Max. Spread: 190 - 1778 mm	EPH	 

BHP-Series, Master Puller Sets

▼ Shown: Master Puller Set BHP-3751G



Multi Purpose Puller Set



WARNING

Do not exceed 50% of the rated puller capacity when using a double crosshead (2 grip arms) or when using puller legs in combination with bearing puller attachment.

- Supplied with a full hydraulic set including pump, hose, cylinder, gauge, gauge adaptor and wooden case
- High quality, forged steel components provide superior reliability and service
- Sets include speed crank and adjusting screw for fast contact to work before hydraulics are applied
- All Master Puller Sets include a Grip Puller, a Cross Bearing Puller, a Bearing Cup Puller and a Bearing Puller Attachment, which can be ordered separately, see items nr. 10, 20, 30 and 40.

▼ Maintenance engineers throughout the industry greatly appreciate the Enerpac Master Puller sets



▼ SELECTION CHART

Master Puller Set Capacity *	8 ton	20 ton	30 ton	50 ton	Page:
Model Number ►	BHP-1752 ¹⁾	BHP-2751G	BHP-3751G	BHP-5751G	
Included Hydraulics Set Weight ►	37 kg	90 kg	172 kg	298 kg	
• Hand Pump	P-142	P-392	P-392	P-80	►
• Cylinder	RWH-121	RCH-202	RCH-302	RCH-603	►
• Saddle	–	HP-2015	HP-3015	HP-5016	►
• Hose	HB-7206QB	HC-7206	HC-7206	HC-7206	►
• Gauge	GF-120B	GF-813B	GF-813B	GF-813B	►
• Gauge Adaptor	GA-4	GA-3	GA-3	GA-3	►
Included Pullers					
10 Grip Puller	BHP-1762	BHP-252	BHP-352	BHP-552	►
20 Cross Bearing Puller	BHP-1772	BHP-262	BHP-362	BHP-562	►
30 Bearing Cup Puller	BHP-180	BHP-280	BHP-380	BHP-580	►
40 Bearing Puller	BHP-181	BHP-282	BHP-382	BHP-582	►
• Case	CM-6	CW-350	CW-350	CW-750	

¹⁾ Includes Adaptor FZ-1630.

* See warning on this page.



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Grip Puller Sets

▼ Shown: Grip Puller Set BHP-351G



- Precise hydraulic control allows fast, efficient and safe pulling
- High quality, forged steel components provide superior reliability and service
- Available with and without full hydraulic set.

BHP Series



Capacity:

8, 20, 30 and 50 ton

Reach:

252 - 700 mm

Spread:

249 - 1100 mm

Maximum Operating Pressure:

700 bar

Ordering Example

Model Number BHP-251G:

includes Grip Puller BHP-252 and a full hydraulic set. (Hand pump, cylinder, saddle, hose, gauge and gauge adaptor).

Model Number BHP-252:

includes Grip Puller mechanical parts **only**, for use with your existing hydraulics.

▼ SELECTION CHART

Grip Puller Set Capacity**		8 ton	20 ton	30 ton	50 ton
Model Number ►		BHP-152 ¹⁾	BHP-251G	BHP-351G	BHP-551G
Included Hydraulics Set Weight ►		22 kg	56 kg	91 kg	160 kg
• Hand Pump		P-142	P-392	P-392	P-80
• Cylinder		RWH-121	RCH-202	RCH-302	RCH-603
• Saddle		–	HP-2015	HP-3015	HP-5016
• Hose		HB-7206QB	HC-7206	HC-7206	HC-7206
• Gauge		GF-120B	GF-813B	GF-813B	GF-813B
• Gauge Adaptor		GA-4	GA-3	GA-3	GA-3
10	Grip Puller Model Number ►	BHP-1762*	BHP-252*	BHP-352*	BHP-552*
Maximum Spread (mm)	2-jaw	249	400	593	899
	3-jaw	249	499	800	1100
Maximum Reach (mm)	2-jaw	252	300	387	700
	3-jaw	252	300	387	700
Jaw (mm)	Thickness	15	20	24	30
	Width	23	27	38	39
Adjusting Screw (mm)	Thread	$\frac{3}{4}$ "- 16 UNF	1"- 8 UNC	1 $\frac{1}{4}$ "- 7 UNC	1 $\frac{5}{8}$ "- 5.5 UNC
	Length	400	675	795	975
• Case		CW-166	CW-166	CW-350	CW-750

¹⁾ Includes Adaptor FZ-1630.

* Grip Puller order number without hydraulics.

** See warning on page 150.



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Cross Bearing Puller Sets

▼ Shown: Cross Bearing Puller Set BHP-361G



- Precise hydraulic control allows fast, efficient and safe pulling
- High quality, forged steel components provide superior reliability and service.

BHP Series



Capacity:

8, 20, 30 and 50 ton

Reach:

354 - 863 mm

Spread:

266 - 570 mm

Maximum Operating Pressure:

700 bar



The cross bearing puller without hydraulics, bearing cup puller and a bearing puller can be ordered separately, see items nr. 10, 20, 30 and 40.

▼ SELECTION CHART

Cross Bearing Puller Set Capacity		8 ton	20 ton	30 ton	50 ton	
Model Number ▶		BHP-162 ¹⁾	BHP-261G	BHP-361G	BHP-561G	
Included Hydraulics	Set Weight ▶	26 kg	62 kg	121 kg	185 kg	
• Hand Pump		P-142	P-392	P-392	P-80	
• Cylinder		RWH-121	RCH-202	RCH-302	RCH-603	
• Saddle		–	HP-2015	HP-3015	HP-5016	
• Hose		HB-7206QB	HC-7206	HC-7206	HC-7206	
• Gauge		GF-120B	GF-813B	GF-813B	GF-813B	
• Gauge Adaptor		GA-4	GA-3	GA-3	GA-3	
20	Cross Bearing Puller ²⁾	Model Number ▶	BHP-1772	BHP-262	BHP-362	BHP-562
Spread (mm)		Maximum	266	351	454	570
		Minimum	106	139	179	220
Reach (mm)		Maximum	462	571	711	863
Adjusting Screw (mm)		Diameter	¾" - 16 UNF	1" - 8 UNC	1¼" - 7 UNC	1⅝" - 5.5 UNS
		Length	400	675	795	975
Leg (mm)		Length	105	239	203	609
		Length	354	419	457	863
		Length	–	571	711	–
		Length	–	114	–	–
Upper Leg Ends (mm)		Thread	¾" - 16 x 25	¾" - 16 x 25	1-14 x 35	1¼" - 12 x 38
Lower Leg Ends (mm)		Thread	⅝" - 18 x 25	⅝" - 18 x 25	1-14 x 27	1¼" - 12 x 38
30	Bearing Cup Puller ²⁾	Model Number ▶	BHP-180	BHP-280	BHP-380	BHP-580
40	Bearing Puller ²⁾	Model Number ▶	BHP-181	BHP-282	BHP-382	BHP-582
• Wooden Case			CM-6	CW-187	CW-350	MK-05

¹⁾ Includes Adaptor FZ-1630.

²⁾ Can be ordered separately without hydraulic components, see next page.



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Bearing Cup and Bearing Pullers

▼ Shown: **BHP-380**



Bearing Cup Puller

- Made of high strength steel alloy
- Easily adapted to Cross Bearing Pullers for fast and efficient removal of the most difficult parts
- Adjustable to fit a variety of bearings and seals.

BHP Series



Capacity:

8, 20, 30 and 50 ton

Maximum Reach:

110 - 145 mm

Spread Range:

110 - 359 mm

Maximum Operating Pressure:

700 bar

▼ SELECTION CHART

Capacity *		8 ton	20 ton	30 ton	50 ton
30 Bearing Cup Puller					
Model Number		BHP-180	BHP-280	BHP-380	BHP-580
Spread (mm)	Max.	110	220	359	359
	Min.	26	25	50	50
Reach (mm)	Max.	110	140	145	145
Center Screw	Thread	3/4"- 16 UNF	1"- 8 UNC	1 1/4"- 7 UNC	1 5/8"- 5.5

* Puller capacity, not attachment capacity. See warning on this page.



WARNING

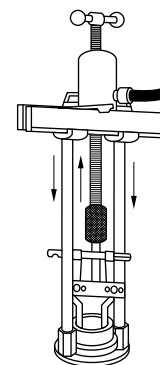
Do not exceed 50% of the rated puller capacity when using a double crosshead (2 grip arms) or when using puller legs in combination with bearing puller attachment.

▼ Shown: **BHP-382**

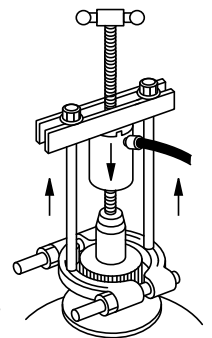


Bearing Puller

- Made of high strength steel alloy
- Wedge-shaped edges allow removal of the most hard-to-grip components
- Easily adapted to Cross Bearing Pullers for fast and efficient removal of the most difficult parts.



◀ Bearing Cup Puller shown with Crosshead Puller Attachment.



Bearing Puller shown with Crosshead Puller Attachment. ▶

▼ SELECTION CHART

Capacity*		8 ton	20 ton	30 ton	50 ton
40 Bearing Puller					
Model Number		BHP-181	BHP-282	BHP-382	BHP-582
Spread (mm)	Max.	104	130	245	245
	Min.	25	9	17	17
Width (mm)		126	150	264	264
Thread		5/8"-18 UNF	5/8"- 18 UNF	1"- 14 UNS	1 1/4"- 12 UNF

* Puller capacity, not attachment capacity. See warning on this page.



Bearing Puller

Bearing Puller has wedge shaped edges for placing puller behind hard to reach bearings, gears, etc., where clearance prevents direct application of grip puller arms. The Bearing Puller can be used with the Cross Bearing Puller or the Grip Puller.



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EP-Series, Posi Lock® Mechanical Pullers

▼ Shown from left to right: EP-206, EP-108



- Patented 'Safety Cage' jaw retention system
- Roll threaded shafts for less effort when applying high torque
- Slim tapered jaws for improved gripping in tight spots
- Available in 2 and 3 jaw design and inside and outside pulling configuration
- More efficient pulling, as one man can do the job where manual pullers often require two operators.



◀ Positioning an EP-104 3-jaw puller on the accessory drive of a diesel engine.

For Safer and Faster Pulling



Long Jaws

Long Jaws are used to increase the reach and spread of manual pullers.

They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25%.



Shaft Attachments

Shaft protectors and extenders are live centers that fit over the standard puller shaft for tip protection and additional reach.



Application Tip

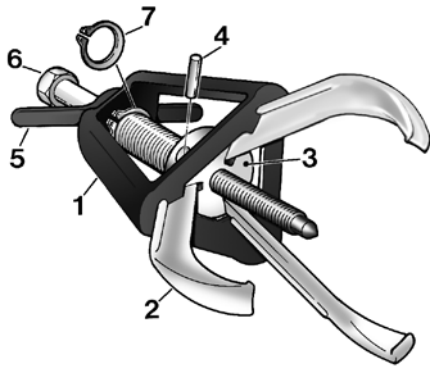
Because of the unique safety cage design, Posi Lock® pullers will grip on surfaces where normal pullers would slip off; e.g. tapered bearings.



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Posi Lock® Mechanical Grip Pullers

External Posi Lock® Pullers



- 1 Patented 'Safety Cage' guides jaws, holding them securely onto the part.
- 2 Durable forged jaws provide positive grip.
- 3 Jaw head provides pivot and reaction point for jaws.
- 4 Pin, for easy jaw removal and replacement.
- 5 T-handle provides control of the puller jaws.
- 6 Drive bolt with rolled threads for increased force with reduced input torque.
- 7 Snap-ring retains cage to drive bolt and provides quick removal for easy service.

EP EPPMI Series



Capacity:

2 - 40 ton

Maximum Reach:

101 - 355 mm

Spread Range:

12 - 635 mm

▼ QUICK SELECTION CHART EXTERNAL PULLERS

For quick technical information see next page.

Number of Jaws	Maximum Reach (mm)	Spread (mm) min. - max.	Capacity ton (kN)	Model Number	Center Bolt Diameter (mm)	 (kg)
2	101	12 - 127	2 (17)	EP-204	14	1,4
3	101	12 - 127	5 (45)	EP-104	14	1,8
2	152	12 - 178	6 (53)	EP-206	16	3,2
3	152	12 - 178	10 (89)	EP-106	16	3,6
2	203	19 - 304	12 (106)	EP-208	20	5,4
3	203	19 - 304	17 (151)	EP-108	20	6,4
2	245	25 - 381	14 (124)	EP-210	20	5,9
3	245	25 - 381	20 (178)	EP-110	20	7,3
2	304	63 - 457	25 (222)	EP-213	29	17,2
3	304	63 - 457	30 (267)	EP-113	29	20,0
2	355	76 - 635	35 (311)	EP-216	31	25,8
3	355	76 - 635	40 (356)	EP-116	31	30,8



Always wear Safety Goggles while using pullers.



Application Tip

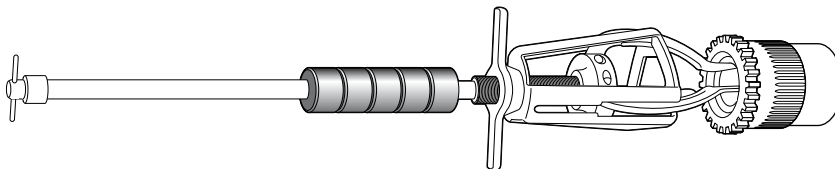
In determining the correct manual puller capacity for your application, use the following rule:

The center bolt diameter of the puller should be at least ½ the diameter of the shaft being pulled on.

Example:

A part being pulled from a shaft with a diameter of 38 mm would require a puller with a center bolt diameter of at least 19 mm.

Internal Posi Lock® Puller



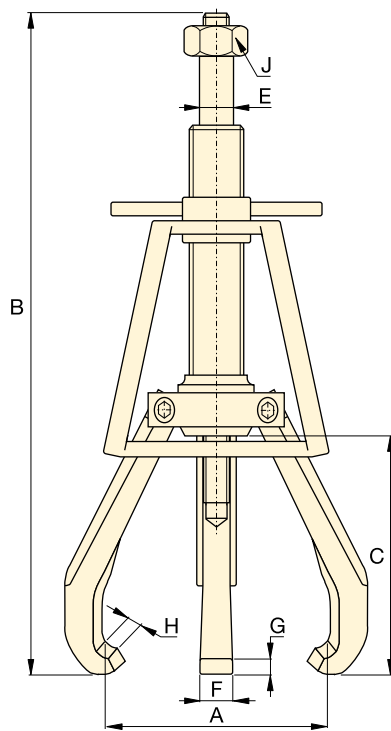
▼ QUICK SELECTION CHART INTERNAL PULLERS

Number of Jaws	Maximum Reach (mm)	Spread (mm) min. - max.	Jaw Style	Model Number	Jaw Length (mm)	 (kg)
3	168	14 - 101	Standard	EPPMI-6	168	3,9
	218	25 - 133	Long		218	3,9

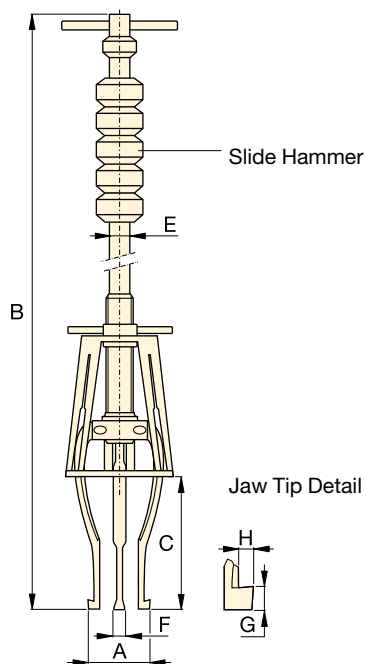


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EP-Series, Posi Lock® Mechanical Pullers



**2 and 3 Jaw External Puller
EP-Series**



**Internal Puller
EPPMI-6**



▲ EP-204 2 jaw puller positioned to pull a water pump drive pulley.

▼ QUICK SELECTION CHART EXTERNAL PULLERS

Number of Jaws	Maximum Reach (mm)	Spread (mm) min. - max.	Capacity ton (kN)	Model Number	Center Bolt Diameter (mm)	Maximum Torque (Nm)
2	101	12 - 127	2 (17)	EP-204	14	27
3	101	12 - 127	5 (45)	EP-104	14	54
2	152	12 - 178	6 (53)	EP-206	16	102
3	152	12 - 178	10 (89)	EP-106	16	176
2	203	19 - 304	12 (106)	EP-208	20	203
3	203	19 - 304	17 (151)	EP-108	20	298
2	245	25 - 381	14 (124)	EP-210	20	237
3	245	25 - 381	20 (178)	EP-110	20	373
2	304	63 - 457	25 (222)	EP-213	29	644
3	304	63 - 457	30 (267)	EP-113	29	814
2	355	76 - 635	35 (311)	EP-216	31	1085
3	355	76 - 635	40 (356)	EP-116	31	1153

▼ QUICK SELECTION CHART INTERNAL PULLERS

Number of Jaws	Maximum Reach (mm)	Spread (mm) min. - max.	Jaw Style	Model Number	Jaw Length (mm)	Slide-Hammer weight (kg)
3	168	14 - 101	Standard	EPPMI-6	168	1,1
	218	25 - 133	Long		218	1,1



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This PDF Document.

Posi Lock® Mechanical Grip Pullers



Shaft Attachments

Shaft protectors and extenders are live centers that fit over the standard puller shaft for tip protection and additional reach.



Long Jaws

Long Jaws are used to increase the reach and spread of pullers. They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25% of rating.

EP EPPMI Series



Capacity:

2 - 40 ton

Maximum Reach:

101 - 355 mm

Spread Range:

12 - 635 mm

Length (mm)	Dia- meter (mm)	Increases Center Bolt Length (mm)	Order: Model Number
25	19	9	EPP-4
50	19	38	EPX-4
31	22	12	EPP-6
50	22	38	EPX-6
31	25	12	EPP-10
50	25	38	EPX-10
50	35	21	EPP-1316

Spread (mm) min. - max.	Max. Reach (mm)	Order: Model Number
57 - 381	245	EP-11054
38 - 558	400	EP-11054L
38 - 762	508	EP-11354L
25 - 133	218	EP-10554L*

* for EPPMI-6 only

Dimensions (mm)								Model Number	Optional accessories		
Spread min. - max. A	Overall Length B	Max. Reach C	Center Bolt Diam. E	Jaw Width F	Tip Clearance G	Tip Depth H	Hex Socket Size (inch) J				
12 - 127	245 - 323	101	14	15	4,1	4,6	7/8	EP-204	EPP-4	EPX-4	-
12 - 127	245 - 323	101	14	15	4,1	4,6	7/8	EP-104	EPP-4	EPX-4	-
12 - 178	323 - 476	152	16	19	8,1	6,1	1 1/16	EP-206	EPP-6	EPX-6	-
12 - 178	323 - 476	152	16	19	8,1	6,1	1 1/16	EP-106	EPP-6	EPX-6	-
19 - 304	412 - 615	203	20	22	6,4	9,1	1	EP-208	EPP-10	EPX-10	EP-11054
19 - 304	412 - 615	203	20	22	6,4	9,1	1	EP-108	EPP-10	EPX-10	EP-11054
25 - 381	489 - 736	245	20	25	6,4	9,1	1	EP-210	EPP-10	EPX-10	EP-11054L
25 - 381	489 - 736	245	20	25	6,4	9,1	1	EP-110	EPP-10	EPX-10	EP-11054L
63 - 457	660 - 965	304	29	31	12,7	9,7	1 11/16	EP-213	EPP-1316	-	EP-11354L
63 - 457	660 - 965	304	29	31	12,7	9,7	1 11/16	EP-113	EPP-1316	-	EP-11354L
76 - 635	800 - 1155	355	31	36	13,5	11,7	1 13/16	EP-216	EPP-1316	-	-
76 - 635	800 - 1155	355	31	36	13,5	11,7	1 13/16	EP-116	EPP-1316	-	-

Note: Overall length (B) is dependent on position of center bolt.

Dimensions (mm)							Model Number
Spread min. - max. A	Overall Length B	Max. Reach C	Slide Rod Dia. E	Jaw Width F	Tip Clearance G	Tip Depth H	
14 - 101	736	168	14,2	8	3,0	1,5	EPPMI-6
25 - 133	787	218	14,2	8	7,6	4,6	



Always wear Safety Goggles while using pullers.



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EPH-Series, Posi Lock® Hydraulic Pullers

▼ Shown: **EPHR-110**



- Patented 'Safety Cage' jaw retention system
- High force hydraulic system for effortless pulling of large components
- Slim tapered jaws for better gripping in tight spots
- Available in 2 and 3 jaw design
- More efficient pulling, as one man can do the job where manual pullers often require two operators.

High-Tech Pulling



Transport and Store

Conveniently stores and transports hydraulic pullers and accessories. Order the **EPT-2550** Storage Cart and make your job easier to do!



Long Jaws

Used to increase the reach and spread of pullers. They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25%.



Application Tip

Because of the unique safety cage design, Posi Lock® pullers will grip on surfaces where normal pullers would slip off; e.g. tapered bearings.



◀ EPHR-116 used to remove electric motor pulleys. Puller is positioned using the Lift Plate.

▼ SELECTION CHART

Number of Jaws	Maximum Spread	Capacity	Model Number*
	(mm)	ton (kN)	
2	304	10 (101)	EPH-208
3	304		EPH-108
2	381	15 (142)	EPH-210
3	381		EPH-110
2	457	25 (232)	EPH-213
3	457		EPH-113
2	635	50 (498)	EPH-216
3	635		EPH-116

* Cylinder is not included.



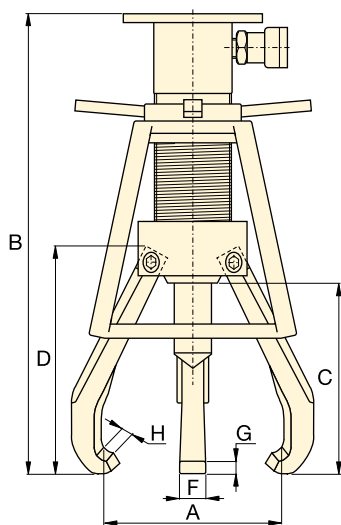
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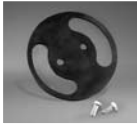
Posi Lock® Hydraulic Grip Pullers

▼ SETS SELECTION CHART

Style	Capacity (ton)	Basic Puller	Cylinder	Stroke (mm)	Pump Set	Set Model Number*	 (kg)
2 Jaw Puller	10	EPH-208	RC-106	152	–	EPHR208	10
	10	EPH-208	RC-106	152	EP-1E	EPHS208E	27
	15	EPH-210	RC-1510	254	–	EPHR210	22
	15	EPH-210	RC-1510	254	EP-1E	EPHS210E	38
	25	EPH-213	RC-2514	362	–	EPHR213	44
	25	EPH-213	RC-2514	362	EP-1E	EPHS213E	53
	50	EPH-216	RC-5013	336	–	EPHR216	87
	50	EPH-216	RC-5013	336	EP-2E	EPHS216E	123
3 Jaw Puller	10	EPH-108	RC-106	152	–	EPHR108	11
	10	EPH-108	RC-106	152	EP-1E	EPHS108E	28
	15	EPH-110	RC-1510	254	–	EPHR110	23
	15	EPH-110	RC-1510	254	EP-1E	EPHS110E	39
	25	EPH-113	RC-2514	362	–	EPHR113	48
	25	EPH-113	RC-2514	362	EP-1E	EPHS113E	57
	50	EPH-116	RC-5013	336	–	EPHR116	91
	50	EPH-116	RC-5013	336	EP-2E	EPHS116E	127

* Standard set EPHS models shipped with 230 VAC pump.



Dimensions (mm)								Model Number*	Accessories ¹⁾		
Spread min. - max.	Overall Length	Maximum Reach	Jaw Length	Jaw Width	Tip Clearance	Tip Depth			Standard included	Optional	
A	B	C	D	F	G	H	(kg)				
19 - 304	498	203	237	22	7,4	6,9	6,4	EPH-208	EPH-155	EPH-11052	EPH-11054
19 - 304	498	203	237	22	7,4	6,9	7,3	EPH-108	EPH-155	EPH-11052	EPH-11054
25 - 381	665	245	270	25	11,2	9,1	10,0	EPH-210	EPH-155	EPH-11052	EPH-11054L
25 - 381	665	245	270	25	11,2	9,1	11,3	EPH-110	EPH-155	EPH-11052	EPH-11054L
63 - 457	846	304	348	31	12,9	9,7	21,3	EPH-213	EPH-257	EPH-11352	EPH-11354L
63 - 457	846	304	348	31	12,9	9,7	25,0	EPH-113	EPH-257	EPH-11352	EPH-11354L
76 - 635	919	355	413	36	15,0	11,7	40,8	EPH-216	EPH-508	EPH-11652	–
76 - 635	919	355	413	36	15,0	11,7	45,4	EPH-116	EPH-508	EPH-11652	–

¹⁾ See next page for details.

EPH Series



Capacity:

10 - 50 ton

Maximum Reach:

203 - 355 mm

Spread Range:

19 - 635 mm

Maximum Operating Pressure:

700 bar



Pump Sets

All Posi Lock® Hydraulic Puller Sets that include 230 VAC pumps, will feature the following components:

	EP-1E Pump Set	EP-2E Pump Set
Pump	PUJ-1200E	ZE4210ME
Hose	HC-7210	HC-7210
Gauge	G-2535L	G-2535L
Adaptor	–	GA-3

Components for 115 VAC pumps are available on request.

Accessories ¹⁾

Standard included

Optional



Ram Point Sets



Lift Plates



Long Jaws



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Posi Lock® Hydraulic Puller Accessories

▼ RAM POINT SETS SELECTION CHART

Fits Puller Set Model Number	EPH-208, EPH-210 EPH-108, EPH-110	EPH-213 EPH-113	EPH-216 EPH-116
			
Ram Point Set ¹⁾ Model Number	EPH-155	EPH-257	EPH-508
Ram Points Included:	Ram Point Dimensions Diameter x Length (mm)		
Flat Ram Points	ø25 x 25	ø38 x 57	ø51 x 76
	ø25 x 76	ø51 x 57	ø70 x 76
	–	ø51 x 102	ø70 x 127
Tapered Ram Points	ø25 x 38	ø38 x 64	ø51 x 95
	ø25 x 89	ø51 x 64	ø51 x 95
	–	ø51 x 114	ø70 x 140
Ram Point Adaptor	–	–	ø70 x 57

¹⁾ Standard included in EPH-Series Posi Lock Pullers.



Always wear Safety Goggles while using pullers.

▼ LIFT PLATE SELECTION CHART

Fits Puller Set Model Number	Model Number *	Thick-ness (mm)	Dia-meter (mm)
EPH-208	EPH-11052	6,4	ø153
EPH-108	EPH-11052	6,4	ø153
EPH-210	EPH-11052	6,4	ø153
EPH-110	EPH-11052	6,4	ø153
EPH-213	EPH-11352	9,7	ø203
EPH-113	EPH-11352	9,7	ø203
EPH-216	EPH-11652	9,7	ø254
EPH-116	EPH-11652	9,7	ø254



* Mounting screws included. Lifting plates are standard included with EPH-Series Pullers.

▼ LONG JAW SELECTION CHART

Fits Puller Set Model Number	Model Number	Number of Jaws required	Spread (mm)	Reach (mm)	 (kg)
EPH-208	EPH-11054	2	57 - 381	246	1,1
EPH-108	EPH-11054	3	57 - 381	246	1,1
EPH-210	EPH-11054L	2	38 - 559	401	2,5
EPH-110	EPH-11054L	3	38 - 559	401	2,5
EPH-213	EPH-11354L	2	38 - 762	508	4,8
EPH-113	EPH-11354L	3	38 - 762	508	4,8



Long Jaws are optional accessories and used for added reach and spread. They have the same load capacity as standard jaws with 25% of the clamping force.



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Posi Lock® 100 Ton Hydraulic Grip Pullers

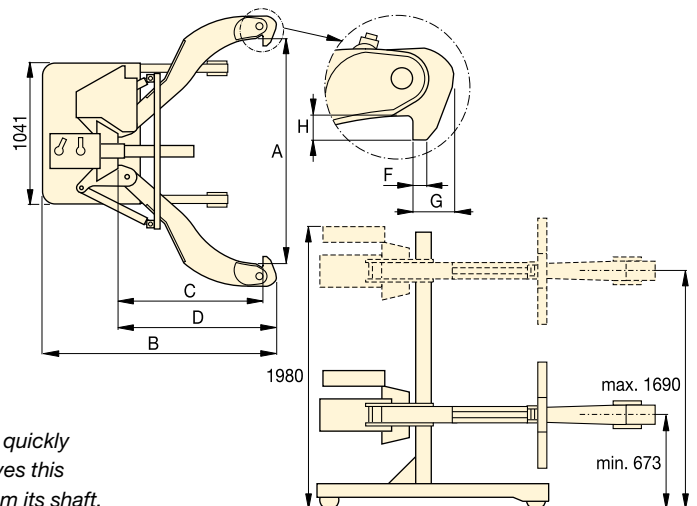
▼ EPH-1003E



- Roller cart with power lift
- Hydraulically actuated lift cylinder on cart extends puller from ground to a height of 1,7 m
- Adjustable jaw tips
- Includes electric one stage pump with remote pendant for fingertip control of the removal process
- Puller height range 673 to 1690 mm
- Multiple pushing adaptors included.



◀ The EPH-1002E quickly and easily removes this drive coupler from its shaft.



EPH Series



Capacity:

100 ton

Maximum Reach:

1219 mm

Spread Range:

190 - 1778 mm

Maximum Operating Pressure:

700 bar



Pushing Adaptors

All Posi Lock® 100 Ton Hydraulic Pullers include following pushing adaptors.

Diameter (mm)	Length (mm)	Model Number
89	737	EPHT-1162
89	483	EPHT-1163
89	229	EPHT-1164

Number of Jaws	Spread Range A (mm)	Capacity ton (kN)	Model Number	Cylinder Stroke (mm)	Overall Length B (mm)	Reach C (mm)	Jaw Length D (mm)	Jaw Width F (mm)	Tip Clearance G (mm)	Tip Depth H (mm)	(kg)
2	190 - 1778	100 (980)	EPH-1002E	250	1955	1219	1346	32	89	89	771
3	190 - 1778	100 (980)	EPH-1003E	250	1955	1219	1346	32	89	89	907



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