

ENERPAC 

HYDRAULIC PRESSES

STANDARD AND CUSTOM SOLUTIONS.
NO WORKSHOP CAN DO WITHOUT ONE.



THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac Hydraulic Presses are available in a wide variety of standard capacities, configurations and constructions, or you can “build your own” with the easy-to-use matrix.

The IP and IPR-Series Presses are a welded construction for maximum strength and durability, and when combined with the power of high-pressure hydraulics, will provide years of safe and dependable service in your workshop.

XLP-Series Presses are a bolted construction which offer exceptional value.

Enerpac press capacities range from 10 to 200 tons and are available in Bench, Workshop, C-Clamp, Arbor, H-Frame and Roll-Frame models.

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

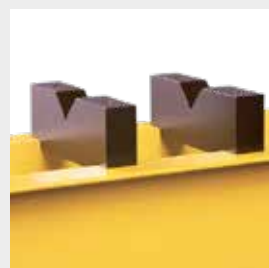
Standard on many Enerpac IP Presses, the exclusive Hydra-Lift™ offers effortless adjustment to the press daylight by use of a hydraulic lift.



Easy horizontal cylinder position is achieved with the unique “roller-head” cylinder mounting block, standard on most Enerpac IP and IPR-Series Presses.



Optional “V-blocks” for positioning of complex parts are designed with high-strength steel for long life.



Enerpac Hydraulic Presses Section Overview

Available in capacities from 10 to 200 tons, 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 horizontally adjustable cylinders and vertically adjustable bolsters for ease of use and optimal positioning of the workpiece.

Power Source

Depending on the production requirements, Enerpac Presses can be powered by manual, air hydraulic and electric pumps.

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 Presses and Roll Frame Presses feature an easy to monitor pressure/force gauge for increased safety.

Capacity (tons)	Press Type and Function	Series		Page
10 - 200	H-Frame Presses	IP		4 ▶
50 - 200	Roll Frame Presses	IPR		8 ▶
5 - 20	C-Clamp Presses	A		10 ▶
10 - 30	Arbor Presses	A		10 ▶
10 - 200	Press Accessories Press Speed Chart	IPK, PK A, IPL PMB		12 ▶
10 - 200	Custom Built Presses	IP, IPR		13 ▶
10	Workshop Bench Presses	VLP		14 ▶
25 - 75	Workshop H-Frame Presses	XLP		14 ▶
2000 - 200,000 lbs	Tension Meter Load Cells	TM LH		16 ▶
—	Custom Hydraulic Presses	—		17 ▶

▼ Press shown: **IPE5060**



- Quality welded frame for maximum strength and long life
- Exclusive “Hydra-Lift™” bed for effortless adjustment of the vertical daylight (10-tons models are manual)
- Roller head design is standard to allow movement and locking of the cylinder from side to side (10, 25 and 30 tons are manual)
- All models in the Quick Selection Chart have been matched to a pump, cylinder, hoses and gauge, offering the complete package.



◀ An Enerpac H-Frame press quickly removes the shaft from this assembly.

Setting the Industry Standard



Cylinder Mounting Block

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

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Hydra-Lift™

Allows easy, effortless daylight adjustment. Standard on most H-Frame presses.

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Pump Mounting Bracket

Heavy-duty steel brackets allow mounting of one of the Enerpac Power Sources to power your press.

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Gauge Included

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

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V-Blocks

These optional 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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Ordering Variations

Any variations to a listed part number must be ordered as two separate items. For example, if you need a different voltage electric pump, please order from the modular matrix.

Any questions should be directed to our Technical Service Department.

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Cylinder Types



= Single-acting,
Spring Return



= Double-acting,
Hydraulic Return

IP Series



Capacity:
10 - 200 tons

Maximum Daylight and Width:
54.50 & 48.00 inches

Maximum Operating Pressure:
10,000 psi

▼ QUICK SELECTION CHART

For more technical information see next page.

Press Capacity (tons)	Maximum Vertical Daylight (in)	Maximum Bed Width (in)	Power Source					Press Model Number	Cylinder			Cylinder Speed (sec/in) *	
			Type			Valve					Stroke (in)	Rapid Advance	Pressing
			Man.	Electr.	Air	Man.	Electr.						
10	40.00	18.63		●		●		IPE1215	●		10	0.90	6.70
	40.00	18.63			●	●		IPA1220	●		10	2.20	13.40
	40.00	18.63	●			●		IPH1240	●		10	{4}	{15}
	40.00	18.63	●			●		IPH1234		●	10	{2}	{15}
	40.00	18.63			●	●		IPA1244		●	10	2.20	13.40
25	54.50	29.00		●		●		IPE2505	●		6	1.50	15.40
	54.50	29.00		●			●	IPE2510	●		14	0.70	7.70
	54.50	29.00			●	●		IPA2520	●		14	5.20	30.90
	54.50	29.00	●			●		IPH2531	●		14	{5}	{34}
30	54.50	29.00			●	●		IPA3071		●	14	0.60	43.00
	54.50	29.00		●			●	IPE3060		●	14	0.90	9.80
	54.50	29.00	●			●		IPH3080		●	14	{7}	{34}
50	48.56	28.75		●			●	IPE5010	●		13	1.02	11.04
	48.56	28.75			●	●		IPA5021	●		6	1.00	{73}
	48.56	28.75	●			●		IPH5030	●		6	{2}	{38}
	48.56	28.75	●			●		IPH5031	●		6	{11}	{73}
	48.56	28.75		●		●		IPE5005	●		6	2.90	28.90
	48.56	28.75			●	●		IPA5073		●	13	1.00	22.20
	48.56	28.75		●			●	IPE5060		●	13	1.00	11.00
	48.56	28.75	●			●		IPH5080		●	13	{2}	{38}
100	41.00	35.00			●	●		IPA10023	●		10	1.90	41.20
	41.00	35.00		●			●	IPE10010	●		10	1.90	20.60
	41.00	35.00	●			●		IPH10030	●		10	{3}	{70}
	41.00	35.00		●			●	IPE10060		●	13	1.90	20.60
	41.00	35.00	●			●		IPH10080		●	6	{3}	{70}
150	48.50	48.00		●			●	IPE15065		●	13	2.20	15.40
200	48.50	48.00		●			●	IPE20065		●	13	3.10	22.10

* {--} Speed in strokes per inch plunger travel.



Hoses

All standard press models come with a hydraulic hose – HC9306 with the exception of IPA1220, IPA1244 comes with hydraulic

hose – HC9308 and IPA2520 comes with hydraulic hose - HC9310.



▲ The moveable “cylinder mounting block” allows the user to quickly adapt the press to a specific job.

◀ For full features see page 4.

Press Capacity (tons)	Press Model Number	Pump Model Number	Cylinder Model Number	H-Frame Press Dimensions (in)					
				A (max)	A (min)	B	C	D	E
10	IPE1215	PEM1201B	RC1010	40.00	2.44	–	46.75	5.00	18.63
	IPA1220	XA12	RC1010	40.00	2.44	–	46.75	5.00	18.63
	IPH1240	P392	RC1010	40.00	2.44	–	46.75	5.00	18.63
	IPH1234	P84	RR1010	40.00	2.44	–	46.75	5.00	18.63
	IPA1244	XA12V	RR1010	40.00	2.44	–	46.75	5.00	18.63
25	IPE2505	PUJ1200B	RC256	54.50	7.00	–	57.00	11.88	29.00
	IPE2510	ZE3310SB-N	RC2514	54.50	7.00	–	57.00	11.88	29.00
	IPA2520	XA12	RC2514	54.50	7.00	–	57.00	11.88	29.00
	IPH2531	P80	RC2514	54.50	7.00	–	57.00	11.88	29.00
30	IPA3071	PAM1042	RR3014	54.50	7.00	–	57.00	11.88	29.00
	IPE3060	ZE3410SB-N	RR3014	54.50	7.00	–	57.00	11.88	29.00
	IPH3080	P84	RR3014	54.50	7.00	–	57.00	11.88	29.00
50	IPE5010	ZE4320SB-N	RC5013	48.56	7.06	18.76	54.00	10.38	28.75
	IPA5021	PAM1022	RC506	48.56	7.06	18.76	54.00	10.38	28.75
	IPH5030	P462	RC506	48.56	7.06	18.76	54.00	10.38	28.75
	IPH5031	P80	RC506	48.56	7.06	18.76	54.00	10.38	28.75
	IPE5005	PUJ1200B	RC506	48.56	7.06	18.76	54.00	10.38	28.75
	IPA5073	ZA4408MX	RR5013	48.56	7.06	18.76	54.00	10.38	28.75
	IPE5060	ZE4420SB-N	RR5013	48.56	7.06	18.76	54.00	10.38	28.75
	IPH5080	P464	RR5013	48.56	7.06	18.76	54.00	10.38	28.75
100	IPA10023	ZA4208MX	RC10010	41.00	5.50	20.00	51.00	11.69	35.00
	IPE10010	ZE4320SB-N	RC10010	41.00	5.50	20.00	51.00	11.69	35.00
	IPH10030	P462	RC10010	41.00	5.50	20.00	51.00	11.69	35.00
	IPE10060	ZE4420SB-N	RR10013	41.00	5.50	20.00	51.00	11.69	35.00
	IPH10080	P464	RR1006	41.00	5.50	20.00	51.00	11.69	35.00
150	IPE15065	ZE5420SG-N	RR15013	48.50	12.50	28.00	54.50	10.00	48.00
200	IPE20065	ZE5420SG-N	RR20013	48.50	12.50	28.00	54.50	10.00	48.00

H-Frame Presses

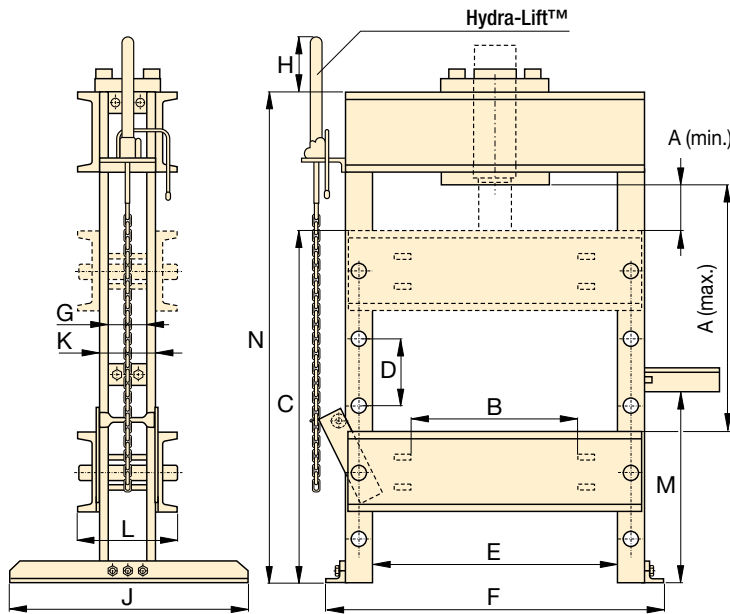
IP Series



Capacity:
10 - 200 tons

Maximum Daylight and Width:
54.50 & 48.00 inches

Maximum Operating Pressure:
10,000 psi



H-Frame Press Gauges

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

H-Frame Press Dimensions (in)									Press Model Number
F	G	H	J	K	L	M	N	(lbs)	
24.88	—	—	29.75	4.25	7.44	35.00	52.00	298	IPE1215
24.88	—	—	29.75	4.25	7.44	35.00	52.00	160	IPA1220
24.88	—	—	29.75	4.25	7.44	35.00	52.00	158	IPH1240
24.88	—	—	29.75	4.25	7.44	35.00	52.00	189	IPH1234
24.88	—	—	29.75	4.25	7.44	35.00	52.00	163	IPA1244
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	605	IPE2505
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	697	IPE2510
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	610	IPA2520
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	620	IPH2531
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	684	IPA3071
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	722	IPE3060
40.50	4.00	13.25	30.00	5.25	10.69	26.50	76.00	664	IPH3080
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	1,040	IPE5010
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	968	IPA5021
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	968	IPH5030
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	926	IPH5031
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	930	IPE5005
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	1,057	IPA5073
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	1,051	IPE5060
42.75	5.00	8.75	36.00	7.25	14.38	30.75	76.00	1,003	IPH5080
51.00	5.75	8.75	36.00	8.75	17.25	33.13	76.00	1,650	IPA10023
51.00	5.75	8.75	36.00	8.75	17.25	33.13	76.00	1,722	IPE10010
51.00	5.75	8.75	36.00	8.75	17.25	33.13	76.00	1,656	IPH10030
51.00	5.75	8.75	36.00	8.75	17.25	33.13	76.00	1,743	IPE10060
51.00	5.75	8.75	36.00	8.75	17.25	33.13	76.00	1,665	IPH10080
67.17	9.12	3.09	44.00	13.12	21.85	47.75	90.00	3,906	IPE15065
67.17	9.12	3.09	44.00	13.12	21.85	47.75	90.00	3,906	IPE20065



Ordering Variations

Any variations to a listed part number must be ordered as two separate items.

For example, if you need a different voltage electric pump, please order from the modular matrix.

Any questions should be directed to our Technical Service Department.

▼ Shown: IPR10075



- Quality welded frame for maximum strength and long life
- Frame rolls easily on four steel roller bearings
- Hydraulic clamp cylinders lock frame into position
- Exclusive “Hydra-Lift™” bolster for effortless adjustment of the vertical daylight
- Standard roller head design allows movement of the cylinder from side to side
- All models in the Quick Selection Chart have been matched to a pump, cylinder, hoses and gauge, offering the complete package
- Roll Frame design features a stationary bed with the ability to support heavy loads.

The One and Only



Cylinder Mounting Block

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

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Hydra-Lift™

Allows easy, effortless daylight adjustment. Standard on most H-Frame presses.

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Pump Mounting Bracket

Heavy-duty steel brackets allow mounting of one of the Enerpac Power Sources to power your press.

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V-Blocks

These optional 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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Press Capacity (tons)	Vertical Daylight A (in)		Horizontal Daylight E (in)	Electric Pump Model Number	Press Model Number	Cylinder, Double-Acting, Hydraulic Return			Cylinder Speed (sec/in)	
	minimum	maximum					Stroke (in)	Model Number	Rapid Advance	Pressing
50	6.00	37.12	28.75	ZE4420SB-N	IPR5075	●	13.13	RR5013	1.0	11.1
100	6.28	41.28	35.00	ZE5420SG-N	IPR10075	●	13.13	RR10013	1.5	10.3
200	11.00	51.00	48.00	ZE5420SG-N	IPR20075	●	13.00	RR20013	3.1	22.1

Roll Frame Presses



▲ An IPR20075 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 tons

Maximum Daylight and Width:
51.00 & 48.00 inches

Maximum Operating Pressure:
10,000 psi



Roll Frame Press Gauges

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

Press Capacity	Gauge Model Number	Adaptor Model Number
(tons)		
50	GF50P	GA2
100	GF871P	GA3
200	GF200P	GA3

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

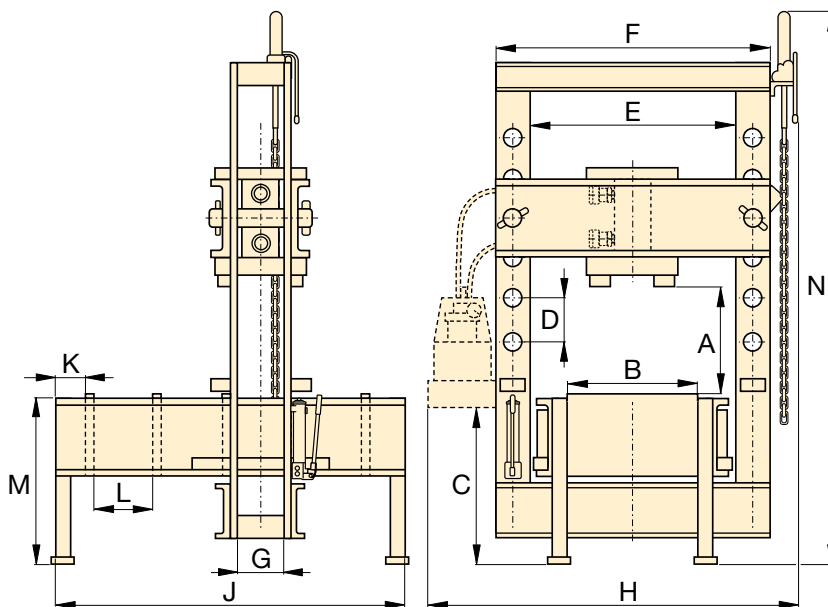


Ordering Variations

Any variations to a listed part number must be ordered as two separate items. For example, if you need a different voltage electric pump, please order from the modular matrix.

Any questions should be directed to our Technical Service Department.

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Roll Frame Press Dimensions (in)

	B	C	D	F	G	H	J	K	L	M	N	(lbs)	Press Model Number
	20.71	38.25	10.38	36.75	5.00	55.92	64.00	8.00	10.63	30.00	112.96	1,961	IPR5075
	26.50	38.00	8.75	45.00	5.75	63.19	66.00	8.00	10.63	32.00	118.94	3,849	IPR10075
	38.75	36.75	10.00	64.00	9.12	84.63	86.50	8.00	15.00	36.00	125.96	7,869	IPR20075

▼ Shown from left to right: A220, A330, A310



The Standard Workshop Tools



Push Pin A183

For applications requiring precision pressing, such as shaft removal and insertion. This attachment fits 10 tons cylinders and requires the use of a threaded adaptor saddle (A13).



Smooth Saddle A185

For pressing applications of delicate parts, such as aluminium castings, this saddle decreases surface marks during the pressing application. Requires 10 tons cylinder and threaded adaptor saddle (A13).



Bench Presses

For easy ordering see the VLP-Series 10 tons Bench Presses. Complete with press frame, pump, cylinder, hose gauge and adaptor.

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C-Clamp Presses

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

Arbor Presses

- 10 and 30 tons 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.

▼ A310 Arbor Press



▼ SELECTION CHART

Press Type	Press Capacity (tons)	Maximum Vertical Daylight (in)	Maximum Bed Width (in)	Press Model Number	Cylinder Model Number *
C-Clamp	5	6.50	2.00	A205	5 tons RC-cylinder *
	10	9.00	3.25	A210	10 tons RC-cylinder *
	20	11.88	3.75	A220 **	25 tons RC-cylinder **
Arbor	10	9.06	5.31	A310	10 tons RC-cylinder *
	30	10.00	7.00	A330	RC308 *

* Recommended cylinder must be ordered separately.

** Must be limited to 20 tons.

C-Clamp and Arbor Presses



▲ RC308 cylinder mounted in A330 Arbor Press powered by a PATG-Turbo Air pump for controlled pressing of bearings for sprockets of weaving machines. The V152 Pressure Relief Valve controls the pressing force.

A Series



Capacity:
5 - 30 tons

Maximum Daylight and Width:
11.88 and 7.00 inches

Maximum Operating Pressure:
10,000 psi



IMPORTANT!

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



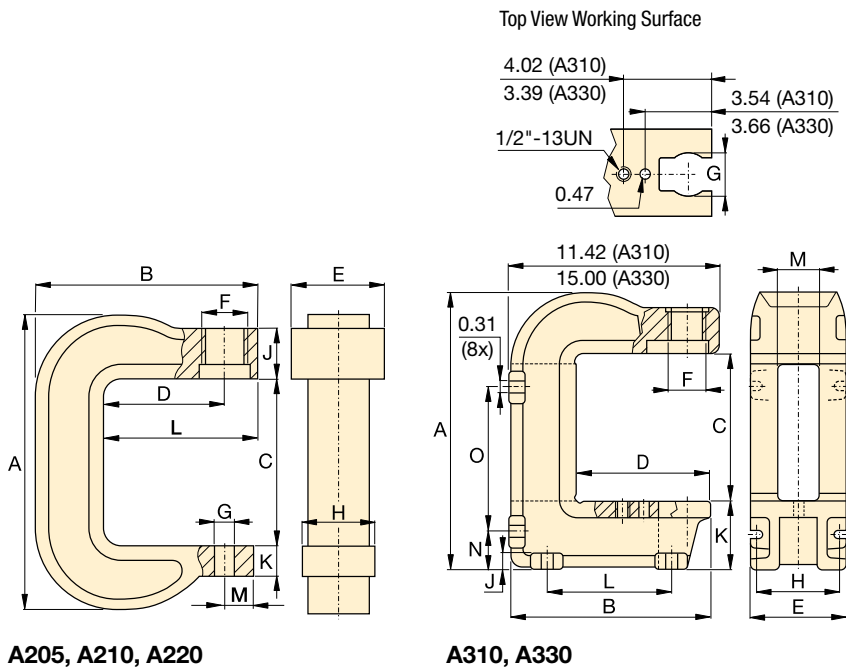
Hydraulic Cylinders

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



Hydraulic Pumps

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



Press Dimensions (in)



Press
Model
Number

(lbs)

A	B	C	D	E	F	G	H	J	K	L	M	N	O	(lbs)	Press Model Number
11.44	8.00	6.50	3.75	2.88	1½" -16 UNS	1.02	2.00	2.50	1.06	4.75	1.00	—	—	14	A205
16.00	11.13	9.00	6.00	3.25	2¼" -14 UNS	1.02	3.00	2.50	1.69	7.63	1.13	—	—	37	A210
21.25	13.63	11.88	6.00	4.76	3⅝" -12 UNS	1.02	3.75	2.75	1.88	8.38	1.13	—	—	83	A220 **
16.31	11.06	9.06	7.25	5.94	2¼" -14 UNS	2.50	4.81	0.75	3.75	6.88	2.56	2.13	8.63	62	A310
22.18	14.02	10.00	7.40	7.00	3⅝" -12 UNS	2.50	5.50	1.10	6.63	8.00	2.63	3.88	10.88	220	A330

Description	Press Type & Frame Capacity	Model Number		Features
Cylinder Mounting Block	10 tons H-Frame Press 25 and 30 tons H-Frame Press 50 tons H-Frame Press 100 tons H-Frame Press 200 tons H-Frame Press	IPK1012 IPK3012 PK501 PK1002 PK2002		All mounting blocks allow horizontal movement of cylinder.
V-Blocks	10 tons H-Frame Press 25 and 30 tons H-Frame Press 50 tons H-Frame Press 100 tons H-Frame Press 150 & 200 tons H-Frame Press 200 tons Roll Frame Press 10 tons VLP Bench Press 25 tons XLP Workshop Press 50 tons XLP Workshop Press 75 tons XLP Workshop Press	A136 A130 A150 A175 A200 A200R VB10 VB25 VB501 VB101		- Machined from high strength steel for long life. - All model numbers include two V-blocks.
Hydra-Lift™	25 - 100 tons H-Frame Press 150 - 200 tons H-Frame Press 50 and 100 tons Roll Frame Press 200 tons Roll Frame Press	IPL100 IPL101 IPLR100 IPLR200		- Allows easy, effortless daylight adjustments. - Includes accessory chain.
Pump Mounting Bracket	Hand operated and small Air Pumps; P80, P84, P142, P392, PA133, XA, Turbo II pumps. Electric, large Hand Pumps, and ZA4 Air Pumps; ZE-Series, P462, P464, PAM10-Series Air Pumps.	PMB1 PMB2		Both mounting brackets are pre-drilled to accept a number of different pump models.

Cylinder Speed and Pump Selection Chart

This chart will help you calculate the time required for an Enerpac cylinder to extend when powered by a 10,000 psi Enerpac hydraulic pump. The Cylinder Speed Chart can also be used to determine the pump type and model best suited for an application when you know the plunger speed required.

Cylinder Capacity (tons)	Cylinder Load	Hand Operated Pumps				Electric Pumps				Air Pumps			
		Strokes per inch of plunger travel				Seconds per inch of plunger travel				@ 100 psi air			
		Single Speed P391	P392	P80 P84	P462 P464	½ hp Portable	ZE3 Series	ZE4 Series	ZE5 Series	XA	PA133	PAM10 Series	ZA4
10	No load	15	4	2	1	0.7	0.3	0.2	0.2	1.10	2.70	0.21	0.16
	Load	15	15	15	8	6.7	3.4	2.2	1.1	9.00	16.80	14.90	4.50
25	No load	34	8	5	1	1.5	0.7	0.5	.4	2.60	6.20	0.48	0.36
	Load	34	34	34	18	15.5	7.7	5.2	2.6	20.60	38.60	34.30	10.30
30	No load	43	10	7	1	1.9	0.9	0.6	0.5	3.20	7.50	0.60	0.46
	Load	43	43	43	23	19.5	9.80	6.5	3.3	26.00	48.70	43.30	13.00
50	No load	73	16	11	2	3.3	1.50	1.0	0.8	5.50	13.30	1.00	0.80
	Load	73	73	73	38	33.2	16.6	11.0	5.5	44.20	82.92	73.70	22.10
100	No load	137	30	21	3	6.2	2.8	1.9	1.5	10.30	24.80	1.90	1.50
	Load	137	137	137	71	61.9	31.0	20.7	10.3	82.50	154.70	137.50	41.30

Note: Values are approximate. Cylinder speed may vary in actual application.

CUSTOM BUILD YOUR OWN PRESS

If the press that would best fit your application cannot be found in the charts, you can easily build your custom press here. All presses must be ordered with cylinders. The pump is ordered separately.

▼ This is how a press model number is built up:

IP	H	050	S	06	-	1
1 Product Type	2 Frame Type	3 Press Capacity	4 Cylinder Type	5 Cylinder Stroke		6 Pump Mounting Kit

1 Product Type

IP = Industrial Press

2 Frame Type

H = H-Frame

R = Roll Frame ¹⁾

3 Press Capacity

010 = 10 tons

025 = 25 tons

030 = 30 tons

050 = 50 tons

100 = 100 tons

150 = 150 tons

200 = 200 tons

4 Cylinder Type

S = Single-Acting (S/A)
(RC-Series)

D = Double-Acting (D/A)
(RR-Series)

5 Cylinder Stroke (in inch)

- 10 ton S/A: **06, 08, 10, 12, 14**

10 ton D/A: **10, 12**

- 25 ton S/A: **06, 10, 12, 14**

- 30 ton S/A: **08**

30 ton D/A: **08, 14**

- 50 ton S/A: **06, 13**

50 ton D/A: **06, 13, 20**

- 100 ton S/A: **06, 10**

100 ton D/A: **06, 13, 18**

- 150 ton D/A: **06, 13, 32**

- 200 ton D/A: **13, 18, 24**

6 Pump Mounting Kit ²⁾

0 = No mounting kit

1 = Hand operated and small air pumps:

P80, P84, P141, P142, P202,

P391, P392, hand pumps,

PA133 air pump and

all PA-Series Turbo II Air pumps

2 = Electric, large hand operated and modular air pumps:

PUJ12, ZE3 - ZE6-Series Electric Pump

P462, P464 Hand Pumps

PAM10 and ZA4-Series Air Pump

¹⁾ Roll Frame Press: 50, 100 and 200-tons press capacity only (assembly required).

²⁾ Includes hoses for press, except for option **0**.

Ordering Example

Model number: **IPH050S06-2**

IPH050S06-2 is a 50-tons H-Frame press with a single-acting, 6-inch stroke cylinder (RC506). It has a pump mounting kit (for an electric pump or a modular air pump).

See the cylinder and pump selection chart on previous page for selecting the proper pump.

IP, IPR Series



Capacity:

10 - 200 tons

Maximum Daylight and Width:

54.50 & 48.00 inches

Maximum Operating Pressure:

10,000 psi



“No Load” indicates the plunger speed as it extends toward the load (1st stage).

“Load” indicates the plunger speed as the load is applied at a system pressure of 10,000 psi (2nd stage).

Formula $V = A \div Q$

V (sec/in) = A (in²) ÷ Q (in³/min)

V = Cylinder plunger speed in seconds per inch

A = Cylinder effective area in square inches (in²)

Q = Pump oil flow in cubic inches (in³)

Cylinder Plunger Speed (sec/in)	=	Cylinder Effective Area (in ²) Pump Flow Rate (in ³ /min)	x	60 sec 1
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▼ Shown from left to right: VLP106P142U, XLP506XA12GU, XLP256XA11GU



No workshop can do without one



XA-Series Foot Pump

The XLP-Series Presses 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.



Press Kits

The 50 and 75-tons 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-tons XLP-Series Presses.



Side-To-Side Cylinder Movement

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

VLP-Series Bench Presses

- Compact design mounts conveniently on bench top
- Operational in vertical or horizontal position.

XLP-Series Workshop Presses

- Easy height adjustment with integrated winch mechanism
- Horizontal cylinder adjustment enables flexible load placement
- Multiple pump options including pneumatic foot-controlled pumps with integrated gauges for optimal control and variable oil flow
- 50 and 75-tons presses provided in kit form.

Press Capacity	Maximum Vertical Daylight	Maximum Bed Width	Press Model Number	Power Source						Cylinder			
				Pump Type			Valve Type		Pump Model Number	S/A 	D/A 	Stroke (in)	Cylinder Model Number
				Man.	Electr.	Air	Man.	Electr.					
10	16.73	17.13	VLP106P142U	●			●		P142	●		6.13	RC106
	16.73	17.13	VLP106PAT1U			●	●		PATG1102N	●		6.13	RC106
25	47.68	20.08	XLP256P392U	●			●		P392	●		6.25	RC256
	47.68	20.08	XLP256XA11GU			●	●		XA11G	●		6.25	RC256
50	37.80	38.98	XLP506P802U	●			●		P802	●		6.25	RC506
	37.80	38.98	XLP506XA12GU			●	●		XA12G	●		6.25	RC506
	37.80	38.98	XLP5013ZEBU		●			●	ZE4408SB		●	13.13	RR5013
	37.80	38.98	XLP5013ZEIU		●			●	ZE4408SI		●	13.13	RR5013
75	37.60	38.98	XLP756XA12GU			●	●		XA12G	●		6.13	RC756

S/A = Single-Acting
D/A = Double-Acting

Bench & Workshop Presses



Bringing Value to the Workshop

The VLP- and XLP-Series Presses provide a simple and economical solution for standard workshop applications.

The 10-tons VLP comes standard with an RC-Series cylinder and a hand or air pump. Compact and versatile, it's the ideal solution for pressing smaller workpieces from the comfort of a workbench.

The similarly equipped 25-tons XLP features a sturdy welded H-frame, an adjustable bolster and a horizontally adjustable cylinder.

The 50- and 75-tons XLP Presses offer an exceptional value with features including adjustable lower and upper bolsters, horizontally adjustable cylinders, single- and double acting cylinders*, and multiple pump options. These presses come standard as unassembled kits which include the frame, winch, cylinder, pump, gauge, couplers and hose.

* On select models.

For premium performance in more demanding applications, Enerpac also offers the IP-Series Presses, which features heavy-duty welded frames and a broad range of cylinder and pump options. Contact Enerpac for additional information.

All standard VLP and XLP-Series presses include a hose and gauge.

10 tons: **GF10P** gauge + **HC7206** hose
25 tons: **GF20P** gauge + **HC7210** hose
50 tons: **GF50P** gauge + **HC7210** hose(s)
75 tons: ** + **HC7210** hose

** The presses that come with an XA-Series Air pump have the gauge integrated into the pump.

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

VLP, XLP Series



Capacity:

10 - 75 tons

Maximum Daylight and Width:

47.68 & 38.98 inches

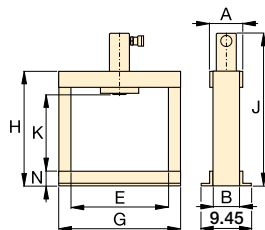
Maximum Operating Pressure:

10,000 psi

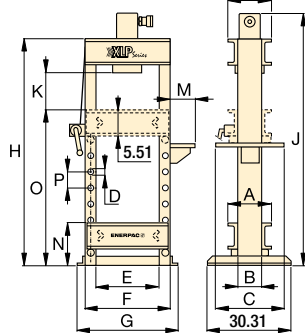


IMPORTANT!

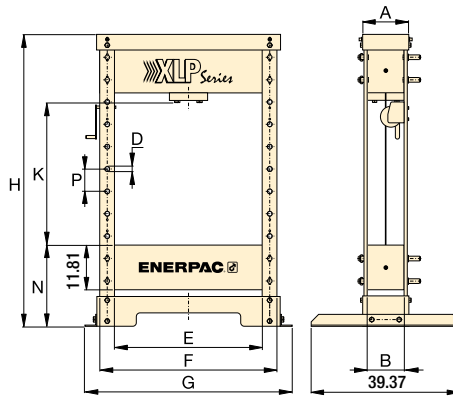
All Enerpac presses are designed exclusively for pressing operations, not for pulling. For pulling applications, please contact Enerpac.



VLP 10 tons



XLP 25 tons



XLP 50 and 75 tons



Optional V-Blocks for VLP- and XLP-Series Presses

Place upright to facilitate the positioning of pipes and bars, or upside down to serve as a convenient work table. Each model number includes two V-blocks.

Press Type	Capacity (tons)	V-Blocks (2x) Model Number
VLP	10	VB10
XLP	25	VB25
XLP	50	VB501
XLP	75	VB101

Cylinder Speed (inches/sec) *		Dimensions (in)															Press Model Number
Rapid Advance	Pressing	A	B	C	D	E	F	G	H	J	K	M	N	O	P	(lbs)	
0.10 *	0.02 *	4.33	3.15	-	-	17.13	-	21.26	24.21	29.61	16.73	-	3.15	-	-	108	VLP106P142U
0.45	0.07	4.33	3.15	-	-	17.13	-	21.26	24.21	29.61	16.73	-	3.15	-	-	119	VLP106PAT1U
0.13 *	0.03 *	10.63	5.51	20.08	1.26	20.08	24.80	27.95	63.78	67.13	14.06-47.68	5.51	8.58	42.20	4.80	364	XLP256P392U
0.39	0.05	10.63	5.51	-	1.26	20.08	24.80	27.95	63.78	67.13	14.06-47.68	-	8.58	42.20	4.80	375	XLP256XA11GU
0.22 *	0.01 *	12.20	9.45	-	1.26	38.98	46.85	54.72	76.97	-	8.27-37.80	-	21.46	-	5.91	1312	XLP506P802U
0.18	0.02	12.20	9.45	-	1.26	38.98	46.85	54.72	76.97	-	8.27-37.80	-	21.46	-	5.91	1323	XLP506XA12GU
0.98	0.09	12.20	9.45	-	1.26	38.98	46.85	54.72	76.97	79.53	8.27-37.80	-	21.46	-	5.91	1530	XLP5013ZEBU
0.98	0.09	12.20	9.45	-	1.26	38.98	46.85	54.72	76.97	79.53	8.27-37.80	-	21.46	-	5.91	1530	XLP5013ZEIU
0.13	0.02	16.54	12.99	-	1.65	38.98	48.43	56.30	76.97	-	8.07-37.60	-	21.46	-	5.91	1984	XLP756XA12GU

* = speed in inches per hand pump stroke.

▼ Shown: **LH102** and **TM5** (in middle)



TM, LH Series

Capacity:

2,000 to 200,000 lbs

Accuracy, % of full scale:

± 2%



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

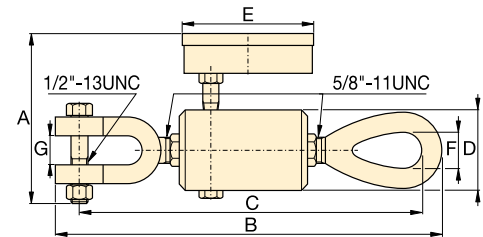
If your application requires a calibrated tool, it must be submitted for certification testing. Certification is NOT available from Enerpac.

Tension Meter TM5

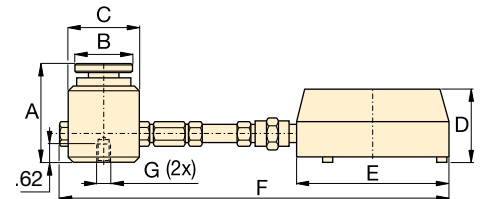
- Accuracy ± 2% of full scale
- Zinc and bronze plated to resist corrosion
- Dual-range readout in pounds and kilograms
- Maximum indicating pointer reading for pre-selected forces or to maintain force readings
- Cushioned metal case provides safe storage and transport.

Load Cells LH-Series

- Accuracy ± 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 pounds and kilograms.



TM5



LH-Series

▼ SELECTION CHART

Type	Gauge Capacity		Model Number	Minimum Reading		Gauge Scale Increments		Dimensions (in)						
	(lbs)	(kg)		(lbs)	(kg)	(lbs)	(kg)	A	B	C	D	E	F	G *
Direct Mounted	10,000	4.500	TM5	1,000	500	100	100	4.75	9.75	9.29	2.00	4.00	0.88	0.75
Direct Mounted Load Cell	2,000	900	LH10	200	100	20	20	3.06	1.75	2.25	2.38	4.00	10.00	¼" - 20, 1.75" BC
	10,000	4.500	LH50	1,000	500	100	100	3.06	1.75	2.25	2.38	4.00	10.00	¼" - 20, 1.75" BC
Remote Mounted with 2 ft Hose	2,000	900	LH102	200	100	20	20	3.06	1.75	2.25	2.38	5.81	33.31	¼" - 20, 1.75" BC
	10,000	4.500	LH502	1,000	500	100	100	3.06	1.75	2.25	2.38	5.81	33.10	¼" - 20, 1.75" BC
	20,000	9.000	LH1002	2,000	1,000	200	200	3.06	1.75	2.25	2.38	5.81	33.10	¼" - 20, 1.75" BC
Remote Mounted with 6 ft Hose	50,000	21.000	LH2506	5,000	3,000	500	500	4.00	2.75	3.38	2.38	5.81	82.44	¾" - 24, 2.50" BC
	100,000	45.000	LH5006	5,000	5,000	1,000	1,000	5.22	4.00	5.00	2.38	5.81	84.06	¾" - 24, 3.50" BC
	200,000	90.000	LH10006	10,000	10,000	2,500	1,000	6.22	5.00	6.25	2.38	5.81	85.31	¾" - 24, 4.0" BC

* BC = Bolt Circle

With decades of experience and in-house capabilities look to Enerpac to help find solutions to your customization needs.

Next to our large range of standard workshop presses, Enerpac offers the possibility of customization. Because many customers have specific requirements, we offer turn-key project management, including design, engineering and manufacturing. As the market leader, we listen to our customers and with our world

wide experience we offer the best solutions, especially when safety is not negotiable. Whether a longer stroke, wider frame or complete new design is required, our custom product group has many years of experience in multiple industries to deliver a solution that meets or exceeds expectations.



◀ *Fully Automated PLC-Controlled 1800 tons, High-Accuracy Press. The pressing and heating cycle, during the production of magnetic acceleration coils, required high force and high- accuracy to ensure absolute quality*



◀ *600 tons High-Accuracy Collar Press. For the production of accelerator coils, sheet metal needs to be formed into a specific shape and size.*



◀ *50 tons Workshop Press for maintenance jobs.*

Overview Custom Presses



▲ *Enerpac's hydraulic presses can be configured to fulfill a broad range of applications. Each press is designed and manufactured according to customer specifications and in cooperation with our engineering team.*

CUSTOMIZABLE FEATURES:

- Capacity
- Cylinder Stroke
- Pump Type
- Controls
- Guarding
- Daylight Dimensions

CONFIGURATIONS:

- Vertical and horizontal press
- Cylinders mounted in upper and lower bolsters
- Height built to customer specifications
- Daylight (vertical and horizontal) built to customer specifications



WORLD CLASS SUPPORT **RESULTS IN THE RIGHT TOOL**

Whether you're looking for help identifying the right product, receive technical support, training or request product materials, we have experts ready to answer your questions and provide guidance on the tool or accessory that will help get your toughest job done. Reach out to us at [Enerpac.com/support](https://www.enerpac.com/support).