

ENERPAC 

HYDRAULIC PRESSES

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



THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac Hydraulic Presses

ENERPAC 

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 H-Frame, Roll-Frame, Arbor, C-Clamp and Bench models.

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

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

Hydra-Lift

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



Side-to-side cylinder movement

Lateral movement capability of cylinder in upper bed.



Press Section Overview

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 H-Frame, Roll-Frame and Bench Presses feature an easy to monitor pressure/force gauge for increased safety, gauge adaptor and hose(s).

Capacity ton (kN)	Press type and functions	Series		Page
10 - 200 (101 - 1995)	H-Frame Presses	IP		4 ►
50 - 200 (498 - 1995)	Roll-Frame Presses	IPR		8 ►
5 - 20 (45 - 178)	C-Clamp Presses	A		10 ►
10 - 30 (101 - 295)	Arbor Presses	A		10 ►
10 (101)	Bench Presses	VLP		10 ►
–	Custom Hydraulic Presses			12 ►
900 - 90.000 kg	Tension Meters Load Cells	TM LH		13 ►



IMPORTANT!

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



IMPORTANT!

The pressframe 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, and have a plunger speed of less than 10 mm/second.

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.

▼ IPE5060A, H-Frame Press



- 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 (10-ton, 25-ton and 30-ton are manual)
- All models in the Quick Selection Chart have been matched to a pump, cylinder, hose, gauge and gauge adaptor offering the complete package.

▼ An Enerpac H-Frame press quickly removes 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.

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Pressure & Force Gauges

All press models include a GF-Series gauge and gauge adaptor, matching the press capacity. GF-Series indicate the pressure (bar) and force (kN).



Hoses

All IP-Series H-Frame Presses include hose(s), offering the complete package.



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 Presses



Safety Screen

Universal moveable safety screen to be positioned before any press.

- Aluminium safety screen with polycarbonate glass
- Versatile use and protection
- Lockable wheels for easy positioning.

Description

Universal Safety Screen

Model Number

XLPSS1



▲ Press with safety cage to ensure additional operator safety.

IP Series



Press Capacity:

10 - 200 ton

Maximum Daylight x Max. Bed Width:

1525 x 1225 mm

Maximum Operating Pressure:

700 bar



10 ton Bench Presses

For 10 ton VLP-Series Bench Presses selection see:

Page: **10**

▼ QUICK SELECTION CHART

For more technical information see next page.

Press Capacity ton (kN)	Maximum Bed Daylight (mm)	Maximum Bed Width (mm)	Power Source					Press Model Number	Cylinder			Speed * (mm/sec)	
			Type			Valve					Stroke (mm)	Rapid Advance	Pressing
			Man.	Elec.	Air	Man.	Elec.						
10 (101)	1525	456		●		●		IPE1215A	●		254	38	3,7
	1525	456			●	●		IPA1220A	●		254	23	2,9
	1525	456	●			●		IPH1240A	●		254	[7,8]	[1,7]
	1525	456	●			●		IPH1234A		●	254	[11,2]	[1,7]
	1525	456			●	●		IPA1244A		●	254	23	2,9
25 (232)	1388	733		●		●		IPE2505A	●		152	17	1,6
	1388	733		●			●	IPE2510A	●		355	30,9	2,8
	1388	733			●	●		IPA2520A	●		355	10	1,3
	1388	733	●			●		IPH2531A	●		355	[4,9]	[0,7]
30 (295)	1388	733			●	●		IPA3071A		●	355	42,0	0,6
	1388	733		●			●	IPE3060A		●	355	24,3	2,2
	1388	733	●			●		IPH3080A		●	355	[3,7]	[0,6]
50 (498)	1406	745		●			●	IPE5010A	●		330	20,8	1,9
	1406	745	●			●		IPH5031A	●		159	[2,3]	[0,3]
	1406	745		●			●	IPE5005A	●		159	7,7	0,7
	1406	745			●	●		IPA5073A		●	330	32,6	3,1
	1406	745		●			●	IPE5060A		●	330	20,8	1,9
	1406	745	●			●		IPH5080A		●	330	[17,7]	[0,7]
100 (933)	1096	885			●	●		IPA10023A	●		254	17,4	1,6
	1096	885		●			●	IPE10010A	●		254	11,1	1,0
	1096	885	●			●		IPH10030A	●		254	[8,8]	[0,3]
	1096	885		●			●	IPE10060A		●	330	11,1	1,0
	1096	885	●			●		IPH10080A		●	152	[8,8]	[0,3]
150 (1386)	1323	1225		●			●	IPE15065A		●	330	9,8	1,4
200 (1995)	1323	1225		●			●	IPE20065A		●	330	6,8	1,0

* [...] = Millimetres per stroke of pump handle.

IP-Series, H-Frame Presses

ENERPAC 



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

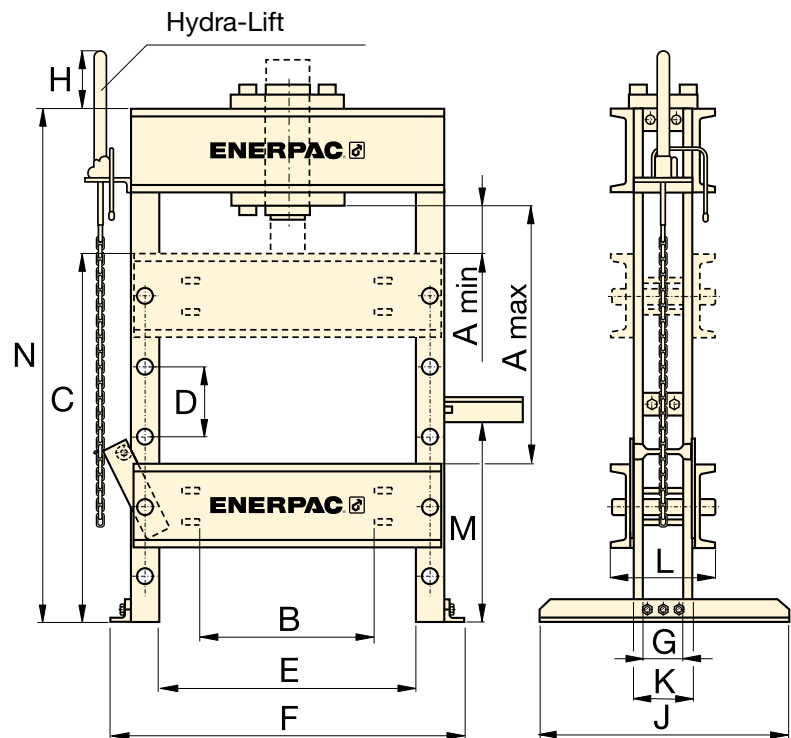
25 to 100 ton

IPL100

150 and 200 ton

IPL101

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



IP-Series H-Frame Presses

◀ For full features see previous page.

Press Capacity ton (kN)	Press Model Number	Pump Model Number	Cylinder Model Number	H-Frame Press Dimensions (mm)						
				A (max.)	A (min.)	B	C	D	E	F
10 (101)	IPE1215A	PUJ1200E	RC1010	1525	128	–	1599	127	456	635
	IPA1220A	XA11	RC1010	1525	128	–	1599	127	456	635
	IPH1240A	P392	RC1010	1525	128	–	1599	127	456	635
	IPH1234A	P84	RR1010	1525	128	–	1599	127	456	635
	IPA1244A	XA11VG	RR1010	1525	128	–	1599	127	456	635
25 (232)	IPE2505A	PUJ1200E	RC256	1388	180	–	1450	301	733	1028
	IPE2510A	ZE3310SE	RC2514	1388	180	–	1450	301	733	1028
	IPA2520A	XA12	RC2514	1388	180	–	1450	301	733	1028
	IPH2531A	P80	RC2514	1388	180	–	1450	301	733	1028
30 (295)	IPA3071A	PAM1042	RR3014	1388	242	–	1450	301	733	1028
	IPE3060A	ZE3410SE	RR3014	1388	242	–	1450	301	733	1028
	IPH3080A	P84	RR3014	1388	242	–	1450	301	733	1028
50 (498)	IPE5010A	ZE4310SE	RC5013	1406	195	530	1371	263	745	1085
	IPH5031A	P80	RC506	1406	195	530	1371	263	745	1085
	IPE5005A	PUJ1200E	RC506	1406	195	530	1371	263	745	1085
	IPA5073A	ZA4410MX	RR5013	1406	195	530	1371	263	745	1085
	IPE5060A	ZE4410SE	RR5013	1406	195	530	1371	263	745	1085
	IPH5080A	P464	RR5013	1406	195	530	1371	263	745	1085
100 (933)	IPA10023A	ZA4210MX	RC10010	1096	145	600	1296	300	885	1289
	IPE10010A	ZE4310SE	RC10010	1096	145	600	1296	300	885	1289
	IPH10030A	P462	RC10010	1096	145	600	1296	300	885	1289
	IPE10060A	ZE4410SE	RR10013	1096	145	600	1296	300	885	1289
	IPH10080A	P464	RR1006	1096	145	600	1296	300	885	1289
150 (1386)	IPE15065A	ZE5420SW	RR15013	1323	307	975	1485	254	1225	1725
200 (1995)	IPE20065A	ZE5420SW	RR20013	1323	307	975	1485	254	1225	1725

H-Frame 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 model	V-Blocks Model Nr.
10 ton H-frame	A136
25 & 30 ton H-frame	A130
50 ton H-frame	A150
100 ton H-frame	A175
150 & 200 ton H-frame	A200R



IMPORTANT!

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

IP Series



Press Capacity:

10 - 200 ton

Maximum Daylight x Max. Bed Width:

1525 x 1225 mm

Maximum Operating Pressure:

700 bar

H-Frame Press Dimensions (mm)								Press Model Number
G	H	J	K	L	M	N	(kg)	
–	–	755	100	210	818	1829	98	IPE1215A
–	–	755	100	210	818	1829	81	IPA1220A
–	–	755	100	210	818	1829	81	IPH1240A
–	–	755	100	210	818	1829	98	IPH1234A
–	–	755	100	210	818	1829	89	IPA1244A
101	336	762	133	309	855	1930	264	IPE2505A
101	336	762	133	309	855	1930	298	IPE2510A
101	336	762	133	309	855	1930	256	IPA2520A
101	336	762	133	309	855	1930	263	IPH2531A
101	336	762	133	309	855	1930	301	IPA3071A
101	336	762	133	309	855	1930	339	IPE3060A
101	336	762	133	309	855	1930	273	IPH3080A
127	222	914	212	394	790	1930	523	IPE5010A
127	222	914	212	394	790	1930	430	IPH5031A
127	222	914	212	394	790	1930	440	IPE5005A
127	222	914	212	394	790	1930	541	IPA5073A
127	222	914	212	394	790	1930	533	IPE5060A
127	222	914	212	394	790	1930	489	IPH5080A
160	222	950	268	468	663	1930	787	IPA10023A
160	222	950	268	468	663	1930	809	IPE10010A
160	222	950	268	468	663	1930	764	IPH10030A
160	222	950	268	468	663	1930	823	IPE10060A
160	222	950	268	468	663	1930	752	IPH10080A
257	175	1148	382	582	1094	2273	1900	IPE15065A
257	175	1148	382	582	1094	2273	1951	IPE20065A



Pressure & Force Gauges

All press models include a GF-Series gauge and gauge adaptor, matching the press capacity. GF-Series indicate the pressure (bar) and force (kN).

Press Capacity ton (kN)	Gauge Model Number	Adaptor Model Number
10 (101)	GF10B	GA2
25 (232)	GF20B	GA2
30 (295)	GF835B	GA3
50 (498)	GF50B	GA2
100 (933)	GF871B	GA3
150 (1386)	GF200B	GA3
200 (1995)	GF200B	GA3

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



Spring Centred Valves

To convert standard VM-Series manual valves use the spring centered valves kits.

For Valve Model	Model Number
VM33, VM43	VMC3343K
VM33L, VM43L	VMC3343KL

▼ Shown: IPR5075A



- 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
- Standard roller head design allows 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
- Hydraulic clamp cylinder locks roll-frame into position.

Expert Designed Versatility



Hydra-Lift™

Allows easy, effortless daylight adjustment. Standard on all IPR-Series Roll-Frame Presses.

To be used with
IPR-Roll-Frame
Press Capacity

50 & 100 ton
200 ton

Hydra-Lift™
Model
Number

IPLR100
IPLR101

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



Cylinder adjustment

Cylinder adjustment allows horizontal side to side cylinder positioning.



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 model
200 ton IPR-Press

V-Blocks
Model Number
A200R

▼ SELECTION CHART

Press Capacity ton (kN)	Vertical Daylight A (mm)		Maximum Bed Width E (mm)	Electric Pump		Press Model Number	 Stroke (mm)	Double-Acting Cylinder		Speed (mm/sec)	
	min.	max.		Model Number	Page			Model Number	Page	Rapid Advance	Pressing
50 (498)	131	922	813	ZE4410SE	104	IPR5075A	334	RR5013	40	20,8	1,9
100 (933)	320	1208	886	ZE5410SW	104	IPR10075A	333	RR10013	40	14,5	2,1
200 (1995)	376	1138	1222	ZE5420SW	104	IPR20075A	330	RR20013	40	7,2	1,0

Roll-Frame Presses

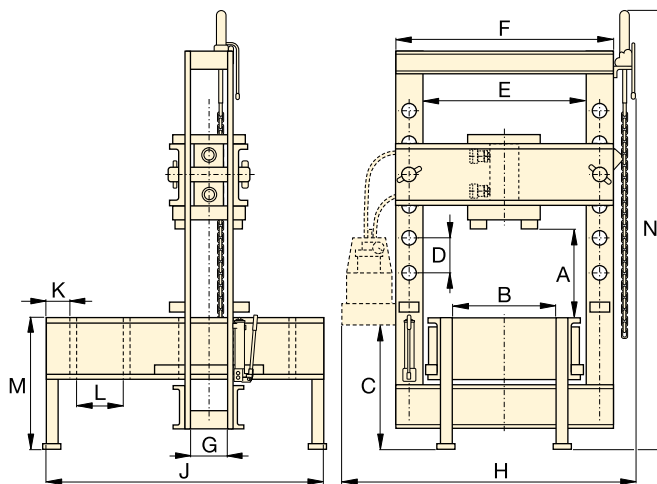


▲ For offshore application high capacity spring loaded cylinders need to be assembled and tested. A special 100 ton roll frame press, with long stroke cylinder has been constructed. All movements are operated and monitored through a PLC controlled pendant.



IMPORTANT!

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



IPR Series



Capacity:

50 - 200 ton

Maximum Daylight x Width:

1208 x 1222 mm

Maximum Operating Pressure:

700 bar



Pressure & Force Gauges

All press models include a GF-Series gauge and gauge adaptor, matching the press capacity. GF-Series indicate the pressure (bar) and force (kN).

Press Capacity	Gauge Model Number	Adaptor Model Number
ton		
50	GF50B	GA2
100	GF871B	GA3
200	GF200B	GA3

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



Spring Centred Valves

Manual valves on electric and air pumps of Enerpac presses are Spring Centred Valves. The handle will automatically move into the neutral valve position when released.

Roll-Frame Press Dimensions (mm)

A (min.-max.)	B	C	D	E	F	G	H	J	K	L	M	N	(kg)	Press Model Number
131 - 922	686	971	264	813	1006	102	1557	1626	216	270	800	2629	917	IPR5075A
320 - 1208	706	965	222	886	1140	143	1588	1677	220	270	800	2778	1767	IPR10075A
376 - 1138	1010	933	254	1222	1622	257	2197	1631	380	381	889	3115	4186	IPR20075A

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



C-Clamp Presses

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

Arbor Presses

- 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.

VLP-Series Bench Presses

- 10 ton press with hand pump or air pump, cylinder, hose, gauge and gauge adaptor.



▲ VLP106P142

The Standard Workshop Tools



Push Pin A183

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 (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 ton cylinder and threaded adaptor saddle (A13).



Optional V-Blocks

To facilitate positioning of pipes and bars, or placed upside-down, to serve as a convenient worktable. Each modelnr includes 2x V-block.

To be used with
press model

10 ton VLP-Bench Presses

V-Blocks
Modelnr.

VB10



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

▼ A310 Arbor Press



▼ SELECTION CHART

Press Type	Press Capacity ton (kN)	Maximum Vertical Daylight (mm)	Maximum Bed Width (mm)	Press Model Number	Recommended cylinder * must be ordered separately
C-Clamp	5 (45)	165	51	A205	** Must be limited to 20 ton. 5 ton RC-cylinder *
	10 (101)	228	57	A210	10 ton RC-cylinder *
	20 (178)	305	69	A220	25 ton RC-cylinder **
Arbor	10 (101)	230	135	A310	10 ton RC-cylinder *
	30 (295)	254	178	A330	RC308 *

Press Capacity ton (kN)	Maximum Daylight (mm)		Bench Press Model Number	Power Source included		Cylinder included	
	Vertical	Horizontal		Pump Type Man. Air	Pump Model Nr.	Stroke (mm)	Cylinder Model Nr.
10 (101)	430	435	VLP106P142	●	P142	156	RC106
	430	435	VLP106PAT1	●	PATG1102N	156	RC106

A yellow Enerpac hydraulic press is mounted on a workbench. The press has a vertical ram and a base plate. A red container filled with various metal parts, including gears and shafts, is in the foreground. The background shows a workshop environment with shelves and other equipment.

Capacity:
5 - 30 ton

430 x 435 mm

700 bar

VLP106

Technical drawing of the VLP106 lamp, showing three views: front, side, and top views with dimensions.

Front View (Top Left): Shows the lamp's profile. Dimensions include: Total height (H), Height of the upper section (K), Height of the lower section (N), Width of the lamp body (E), and Total width including the base (G).

Side View (Top Right): Shows the lamp's side profile. Dimensions include: Total height (A), Height of the upper section (J), Width of the lamp body (B), and a fixed base width of 240.

Top View (Bottom Left): Shows the lamp's top profile. Dimensions include: Total width (B), Width of the lamp body (F), Width of the base (J), Total width including the base (D), Total height (A), Total height including the base (C), and Width of the lamp body (G).

Bottom View (Bottom Right): Shows the lamp's bottom profile. Dimensions include: Total width (E), Width of the lamp body (H), and Width of the base (K).

Technical drawing of a U-shaped bracket. The drawing shows a side view and a cross-sectional view. The side view includes dimensions: 290 (A310) and 381 (A330) for the top width; 8 (8x) for the top flange thickness; A for the total height; O for the height from the top flange to the center of the U-shape; N for the height from the bottom flange to the center of the U-shape; J for the bottom flange thickness; B for the bottom width; L for the distance from the center of the U-shape to the bottom flange; D for the inner width; F for the inner radius; C for the height from the center of the U-shape to the top flange; K for the height from the center of the U-shape to the bottom flange. The cross-sectional view shows dimensions: M for the top flange width; E for the bottom flange width; H for the distance from the center of the U-shape to the bottom flange; and a central rectangular cutout.

Pump, cylinder, hose, gauge and gauge adaptor for C-Clamps and Arbor Presses must be ordered separately.



▲ VB10 V-Blocks are used in this VLP106P142 bench press to bend flat steel bar. The hydraulic pressure can be checked with the gauge.

	Speed (mm/s) **		Dimensions (mm)									Bench Press Model Number
	Rapid Advance	Pressing	A	B	E	G	H	J	K	N		
	{2,5} **	{0,6} **	110	80	435	542	620	748	430	80	49	VLP106P142
	10.0	1.8	110	80	435	542	620	748	430	80	54	VLP106PAT1

ENERPAC 

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



◀ *50 ton 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.

Tension Meter and Load Cells

▼ Shown: **LH102** and **TM5** (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.

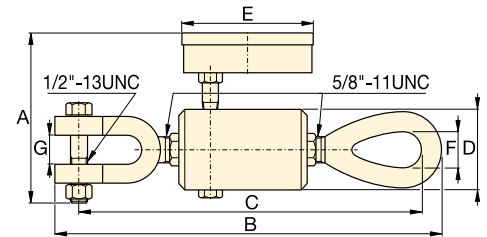
If your application requires a calibrated tool, it must be submitted for certification testing. Certification is NOT available from Enerpac.

Tension Meter TM5

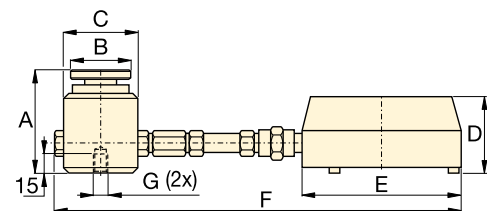
- Accuracy $\pm 2\%$ of full scale
- Zinc and bronze plated to resist corrosion
- Dual-range readout in kilograms and pounds
- Maximum indicating pointer reading for pre-selected forces or to maintain force readings
- Cushioned metal case provides safe storage and transport.

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.



TM5



LH-Series

▼ SELECTION CHART

Type	Gauge Capacity		Model Number	Minimum Reading		Gauge Scale Increments		Dimensions (mm)						
	(kg)	(lbs)		(kg)	(lbs)	(kg)	(lbs)	A	B	C	D	E	F	G *
Direct Mounted	4.500	10.000	TM5	500	1.000	100	100	120	247	236	50	93	22	19
Direct Mounted	900	2.000	LH10	100	200	20	20	77	44	57	60	101	215	1/4\"- 20, 44,5 BC
Load Cell	4.500	10.000	LH50	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	LH102	100	200	20	20	77	44	57	60	147	846	1/4\"- 20, 44,5 BC
	4.500	10.000	LH502	500	1.000	100	100	77	44	57	60	147	846	1/4\"- 20, 44,5 BC
	9.000	20.000	LH1002	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	LH2506	3.000	5.000	500	500	101	69	85	60	147	2094	3/8\"- 24, 63 BC
	45.000	100.000	LH5006	5.000	5.000	1.000	1.000	132	101	127	60	147	2135	3/8\"- 24, 89 BC
	90.000	200.000	LH10006	10.000	10.000	1.000	2.500	158	127	158	60	147	2166	3/8\"- 24, 102 BC

* BC = Bolt Circle



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).