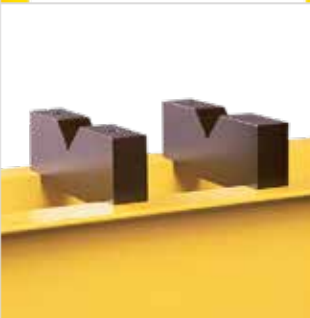


Description	Press Type & Frame Capacity	Model Number		Features
Cylinder Mounting Block	10 tons H-Frame Press 25 and 30 tons H-Frame Press 50 tons H-Frame Press 100 tons H-Frame Press 200 tons H-Frame Press	IPK1012 IPK3012 PK501 PK1002 PK2002		All mounting blocks allow horizontal movement of cylinder.
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.