Description	Frame Capacity	Model Number		Features
Cylinder Mounting Block	10 ton H-Frame 25 and 30 ton H-Frame 50 ton H-Frame 100 ton H-Frame 200 ton H-Frame	**IPK1012** **IPK3012** **PK501** **PK1002** **PK2002**		• All mounting blocks allow horizontal movement of cylinder
V- Blocks	10 ton H-Frame 25 and 30 ton H-Frame 50 ton H-Frame 100 ton H-Frame 150 & 200 ton H-Frame 200 ton Roll Frame	**A136** **A130** **A150** **A175** **A200** **A200R**		• Machined from high strength steel for long life • All model numbers include two V-blocks
Hydra-Lift™	25-100 ton H-Frame 150-200 ton H-Frame 50 and 100 ton Roll Frame 200 ton Roll Frame	**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, 10/90 Series Air Pumps	**PMB1** **PMB2**		• Both mounting brackets are pre-drilled to accept a number of different pump models

Cylinder Speed

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 and Pump Selection Chart

Cylinder Capacity (tons)	Cylinder Load	Hand Operated Pumps				Electric Pumps					Air Pumps			
		Strokes per inch of plunger travel				Seconds per inch of plunger travel								
		Single Speed	Two-Speed			½ hp Port.	½ hp Subm.	ZE3 Series	ZE4 Series	ZE5 Series	@100 psi air			
		P391	P392	P80 P84	P462 P464						XA	PA133	PAM 10 Series	ZA4
10	No load	15	4	2	1	0.7	0.9	0.3	0.2	0.2	1.10	2.70	0.21	0.16
	Load	15	15	15	8	6.7	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	2.1	0.7	0.5	.4	2.60	6.20	0.48	0.36
	Load	34	34	34	18	15.5	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	2.6	0.9	0.6	0.5	3.20	7.50	0.60	0.46
	Load	43	43	43	23	19.5	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	4.4	1.50	1.0	0.8	5.50	13.30	1.00	0.80
	Load	73	73	73	38	33.2	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	8.3	2.8	1.9	1.5	10.30	24.80	1.90	1.50
	Load	137	137	137	71	61.9	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.