

Description	Frame Capacity	Model Number		Features
Cylinder Mounting Block	10 ton Bench 10 ton H-Frame 25 and 30 ton H-Frame 50 ton H-Frame 100 ton H-Frame 200 ton H-Frame	AD-175 IPK-1012 IPK-3012 PK-501 PK-1002 PK-2002		- AD-175 converts the Bench press to use an RD-9 ton cylinder - All mounting blocks allow horizontal movement of cylinder
V- Blocks	10 ton Bench Press 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	A-110 A-136 A-130 A-150 A-175 A-200 A-200R		- Machined from high strength steel for long life - A-110 includes one V-block - All other 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	IPL-100 IPL-101 IPLR-100 IPLR-200		- Allows easy, effortless daylight adjustments - Includes accessory chain
Pump Mounting Bracket	Hand operated and small Air Pumps; P-80, P-84, P-142, P-392, PA-133, , XA, Turbo II pumps Electric, large Hand Pumps, and ZA4 Air Pumps; ZE Series, P-462, P-464, 10/90 Series Air Pumps	PMB-1 PMB-2		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 P-391	Two-Speed			½ HP Port.	½ HP Subm.	ZE3 Series	ZE4 Series	ZE5 Series	@100 psi air			
			P-392	P-80 P-84	P-462 P-464						XA	PA-133	PAM 10 Series	ZA4
10	No load	15	4	2	1	.7	.9	.3	.2	.2	1.10	2.70	.21	.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	.7	.5	.4	2.60	6.20	.48	.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	.9	.6	.5	3.20	7.50	.60	.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	.8	5.50	13.30	1.00	.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.