

Hydraulic Press - "C -FRAME TYPE"

Although Advanced Machine Design has a wide variety of hydraulic presses for many different applications; our hydraulic press designs can be broken down into basic categories to include: two post presses, H-frame presses, C-frame presses, vertical presses and horizontal hydraulic presses.

The most common press design is the four post hydraulic press. This design is the most versatile as a result of having no size limits, and can be adapted to nearly any process. The four post press design can be configured in a vertical or horizontal position as the process and space available dictate. Precise control Technologies ensures that the four post presses are precise and efficient. Operator access is allowed from all four sides of the hydraulic press so it is very well suited for many different applications.

The C-frame press derives its name from the shape of the frame. The primary advantages to the C-frame design are an open work area and increased accessibility. The C-frame press features become even more advantageous when multiple presses are used for progressive operations with automated material handling moving parts from press to press. The C-Frame hydraulic presses, however, are generally limited in maximum tonnage due to the design.

Specification

"C" FRAM HYDRAULIC PRESS SPECEFICTION

Model		SRICP-10	SRICP-20	SRICP-30	SRICP-50	SRICP-80	SRICP-100	SRICP-150	SRICP-200	SRICP-300
Capacity	Ton	10	20	30	50	80	100	150	200	300
Motor	HP	2	3	5	5	7.5	7.5	15	15	25
Stroke	mm	250	300	350	350	400	400	500	600	700
Size of Slide	mm	400x350	500x400	600x450	700x650	800x700	900x700	1100x725	1200x800	1400x900
Size of Table	mm	500x400	600x450	700x450	800x600	900x600	1000x750	1200x800	1300x900	1500x1000
Open Height	mm	350	400	500	500	600	600	750	850	1000
Gap	mm	250	250	300	300	350	400	450	500	530
Return speed	mm/sec	153	147	81	155	105	105	125	134	118
Advance Speed	mm/sec	68	53	39	75	92	92	103	90	93
Working speed	mm/sec	14	10	7	7	6	5	6	5	5
Cylinder		1	1	1	1	1+2	1+2	1+2	1+2	1+2
Weight	Kgs	1000	1600	2050	3500	4150	4800	6600	11000	13500

DIE COUSHION (OPTION)

Capacity	Ton	3	5	5	10	15	20	30	50	80
Stroke	mm	100	120	120	120	150	150	150	200	200
Base Plate Type Cushion	Kgs	---	---	---	---	700x500	800x60	950x650	1100x750	1300x85



Applications:

- Cold & warm forging
- Blanking & Punching Riveting
- Stamping & Pressing
- Powder Compacting
- Other Applications i.e. FRP, SMC, DMC
- Rubber & Plastics etc.

Hydraulic Press - "H -FRAME TYPE"

Specification

"H" FRAM HYDRAULIC PRESS SPECEFICTION

Models	Capacity (Tons)	Ram Size (mm)	Daylight (mm)	Stroke (mm)	Shut Height (mm)	Table Size (LxW) mm	Speeds (mm / sec.)			Electric Motor (H.P.)	No. of Cylinders	Working Ht. (mm)	Working Pr. (Bar)	Weight of m/c (approx.) Tons
							Approach	Pressing	Return					
SRIHP - 5	5	80	300	300	-	350x300	20-25	8-5	30	3	1	700	200	1
SRIHP - 10	10	100	350	350	-	350x300	25-30	8-5	30	5	1	700	200	1.5 to 2
SRIHP - 15	15	120	400	400	-	400x300	25-30	8-5	30-40	5	1	700	200	1.5 to 2
SRIHP - 20	20	125	400	400	-	400x300	25	8-5	30	5	1	700	200	2
SRIHP - 25	25	125	400	400	-	450x300	25	8-5	30	5	1	700	200	2.5
SRIHP - 30	30	140	400	400	-	450x300	25	8-5	30	5	1	700	200	3
SRIHP - 50/60	50/60	200	450	450	-	500x500	70	15-10	80	7.5	1 + 2	750	200	4
SRIHP - 80	80	220	500	400	100	600x500	70	15-10	80	7.5	1 +2	750	200	4 to 5
SRIHP - 100	100	250	600	450	150	600x600	80	15-10	90	7.5	1 +2	750	200	5
SRIHP - 125	125	270	700	550	150	600x600	80	15-10	90	10	1+2	750	200	5 to 6
SRIHP - 150	150	300	700	550	150	650x500	80	15-10	90	15	1 +2	750	200	6
SRIHP - 200	200	350	700	500	200	800x600	80	15-10	90	15	1 +2	750	200	9 to 10
SRIHP - 250	250	400	800	550	250	800x600	100	15-20	110	20	1+2	750	200	10
SRIHP - 300	300	440	800	600	200	900x700	100	15-20	110	25	1+2	750	200	10 to 11
SRIHP - 350	350	470	900	600	300	900x700	120	15-20	130	25	1 +2	750	200	12
SRIHP - 400	400	510	900	600	300	1000x800	120	15-20	130	30	1+2	750	200	12 to 13
SRIHP - 500	500	565	1000	700	300	1200x800	130	20-25	140	40	1 +2	750	200	13 to 14



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