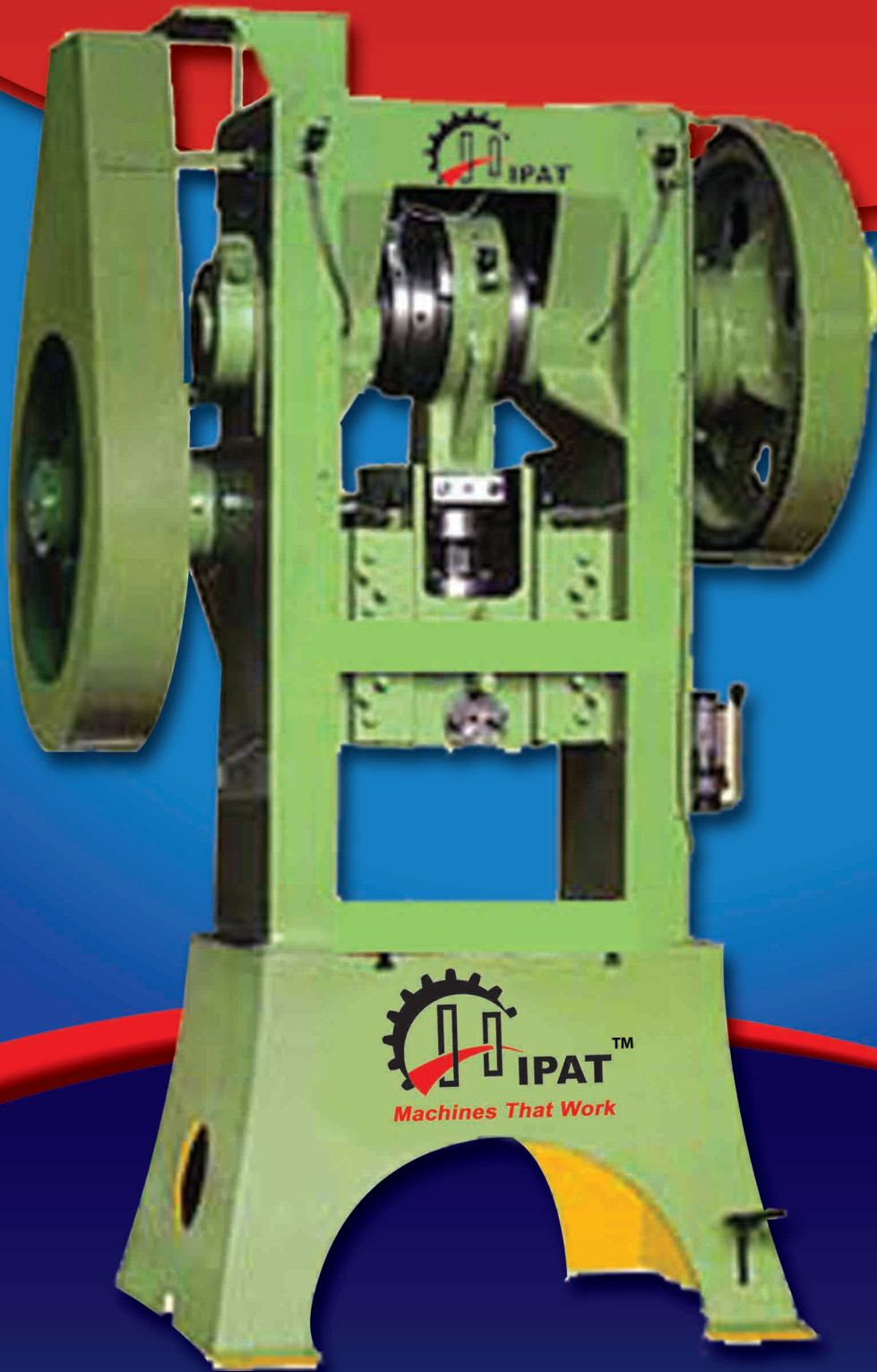


POWER PRESSES

From 5 Tons to 250 Tons Capacity



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HIPAT MACHINE TOOLS

PLOT NO.: 1C/90, SEC.- 9, MARKAT NAGAR, CDA, CUTTACK - 753 014 (ODISHA)

Tel./Fax : 0671 - 2505250. MOB. : 8895929247, 9124009247

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www.pathakorissa.com



(AN ISO 9001 : 2008 COMPANY)

POWER PRESSES

From 5 Tons to 250 Tons Capacity

- FRAME** : Made of cast iron with high grade quality, properly seasoned after rough machining. Bearing surfaces are hand scrapped.
- CRANK SHAFT** : Made of special steel to withstand the effective load, property machined, fitted in bushes with high accuracy.
- RAM SLIDE** : Made of cast iron with high grade quality, property seasoned after rough machining, Bearing surfaces are hand scrapped, with remand hole for die clamping.
- FLY WHEEL** : Made of high grade cast iron and is designed to generate the required energy.
- BRAKE** : The Brake is powerful and works on the top dead compensated by springs.
- STROKE** : Presses are manufactured with adjustable stroke and adjustments can be made by means of a worm.
- CLUTCH** : The clutch is very rigid, better supported and less liable to suffer damage under heavy operating conditions. the clutch gives continuous stroke for masss production.
- ROLLING KEY** : The key is " double key rolling type" made out of special alloy steel of EN series.
- LUBRICATION** : An efficient lubrication system can be provided to lubricate the sliding surfaces and moving parts at extra cost.
- EJECTOR & DOUBLE KEY SYSTEM** : These can be provided specially for the use of springs dies against extra cost.

SPECIFICATION		10 Tons	30 Tons	50 Tons	75 Tons	100 Tons	150 Tons	200 Tons	250 Tons
Wed to Ram Bottom	mm	203	254	305	356	406	432	483	610
Bed	mm	305x320	460x460	406x510	535x587	610x660	635x710	730x810	855x910
Stroke	mm	63	76	89	102	115	127	140	152
Crank Shaft Dia	mm	76	102	127	153	178	190	203	229
Gear Dia	mm	450	610	660	760	856	956	1120	1270
Fly Wheel Dia	mm	555	710	865	965	1015	1120	1325	1425
Hole in Ram For Die Clamping	mm	25	28	32	37	44	50	50	63
Floor to top of Bed	mm	635	762	762	762	762	762	762	813
over All Height Without Motor	mm	1473	1651	1980	2133	2387	2590	2793	3175
Floor Area Required	mm	762x635	901x672	990x799	1041x825	1270x1016	1371x1056	1409x1078	1510x1053
No. of Strokes Per Minute		70	60	55	50	40	35	30	28
Motor Power Required in	H.P.	2	3	5	5	7.5	10	15	20
R.P. M Required		1440	1440	1440	1440	1440	1440	1440	1440
App. Wt.in	Kgs.	800	1200	2000	3100	4200	6000	9000	11000

Note : As the Machines & Accessories are constantly being improved, we reserve the right to change the design & specifications at any time.

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