

# C Type Power Press Machine



**100 TON CAPACITY  
SPECIAL THROAT DEPTH MODEL**



**75 TON**



For Press Automation  
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- FRAME** : Made of Mild steel plates and Fabricated properly. Bearing surface are hand scrapped.
- CRANK SHAFT** : Made of special steel stock to withstand the effective load, properly machined, fitted in bushes with high accuracy.
- RAM SLIDE** : Made of Cast Iron with high grade quality, properly seasoned after rough machining. Bearing surfaces are hand scrapped, with reamed hole for die clamping.
- FLY WHEEL** : Made of high grade cast Iron and is designed to generated the required energy.
- BRAKE** : The Brake is powerful and work on the top dead centre and 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 mass 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 agint extra cost.

## SPECIFICATION

Model Specifications		PC1	PC2	PC3	PC5	PC7	PC10	PC15
		10 Tons	20 Tons	30 Tons	50 Tons	75 Tons	100 Tons	150 Tons
Dia of Crank Shaft	mm	80	90	100	115	125	150	175
Adjustability of Stroke	mm	50	76	76	100	100	125	150
Punch Bore in Ram	mm	25	31	31	38	38	45	50
Width of Bed	mm	300	375	440	525	600	650	700
Length of Bed	mm	450	550	615	700	800	900	1000
Gear Dia	mm	450	525	600	650	890	960	1060
Fly Wheel Dia	mm	525	650	700	800	900	1000	1125
Gap (Bed to Bottom)	mm	250	325	350	375	400	450	500
Stroke per Minute	mm	60	55	50	45	40	40	35
H.P. Required (1440)	mm	2	3	3	5	7.5	10	15
Bore in Bed	mm	110	125	140	160	190	220	250
Weight in Kgs (Apprx)	mm	900	1550	2050	2700	4000	5500	7800