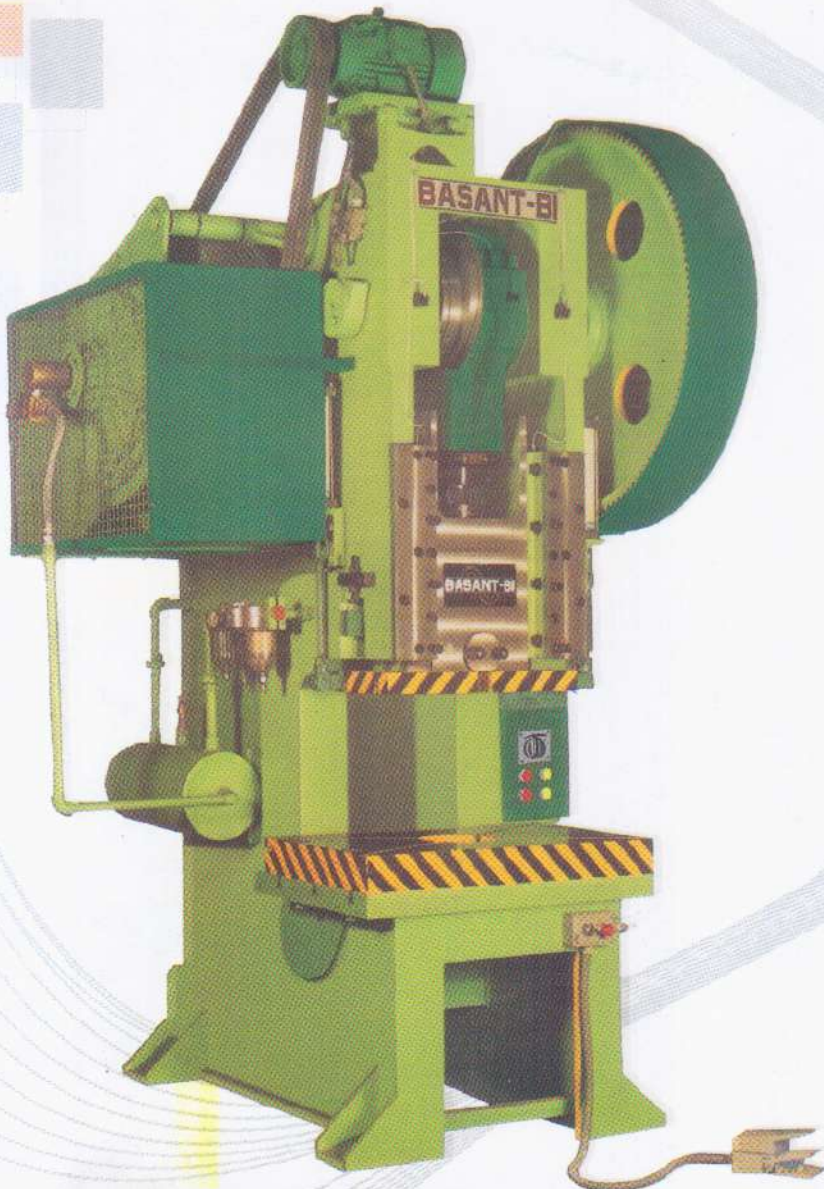


**BASANT MOHINDER GROUP**



H-Frame (Pillar Type) Power Presses with Mechanical Rolling Key & Air Friction Clutch



"C" Frame Power Presses with Mechanical Rolling Key & Air Friction Clutch

**PASSION**  
FOR  
PERFECTION

# INTRODUCTION & SPECIAL FEATURES

**BASANT-BI** Power Presses are manufactured under the most favourable manufacturing conditions and are suitable for variety of purposes including cutting, forming, blanking, drawing, piercing, punching, assembly and combination die operations.

**BASANT-BI** Presses are a result of years of experience in machinery design and construction are manufactured in modern well equipped workshop. We manufacture 'C' frame presses in pressure range 5 to 250 tons in different designs, in standard and any special execution as :

Bench type presses, Geared type presses, Un-Geared presses, adjustable presses, inclinable & Non Inclinable presses.

We manufacture pillar type presses ('H' Frame) in the presses range of 10 to 1000 tons with single eccentric in standard and double eccentric (Two point suspension) for special application and with 4 eccentric (Four point suspension) for wider bed size as per customer's specifications.

The body of our press is manufactured from high quality rolled steel plates. The so produced frame profile guarantees utmost rigidity and strength. We therefore, guarantee for each of our presses there will never occur a frame breakage. Also the lowest possible deflection is given hereby. The press table is made of high quality steel on presses up to 125 Mp with T-Slots diagonal or parallel in the table, special executions, as well as on the through hole possible. If required a spring ejector or a deep draw cushion can be installed. Depending from the press version the ram is equipped either with two 45 degree guide way or a 4-fold 45 degree flat guide way system and are easily adjustable. A mechanical overload safety plate system is provided as optional only against order. The ram is adjustable in it's height and locking system is provided. Slides have ample length and are well guided to ensure accurate travel. Motorised adjustment of ram and pneumatic weight balancers are provided as extra. Presses from 100 tons onward are equipped with pneumatic weight balance as a standard with pneumatic clutch presses only. For air friction clutch presses are provided with all push buttons and other controlled units on the central control panel. There are main switch, motor on/off, control lamps, operation selection switch and stroke counting meter etc.

Possible means of operation are : Two hand single stroke, Foot single stroke, Foot continuous stroke, Two hand single stroke, Foot single stroke, Foot continuous stroke, Two hand setup. Lubrication pump is provided for central lubrication at extra cost. Lubricants visible through plastic tubes.

We also supply presses with pneumatic and hydraulic die cushion for draw components against the customers requirement as extra.

Feel free to contact us for any further information.

## SPECIFICATION FOR "BASANT-BI" DOUBLE COLUMN (PILLAR TYPE) POWER PRESSES WITH MECHANICAL ROLLING KEY & AIR FRICTION CLUTCH (MDC & PUCF SERIES)

D/M	TYPE	SERIES	MDC-10	MDC-20	MDC-30 PUCF-30	MDC-50 PUCF-50	MDC-75 PUCF-75	MDC-100 PUCF-100	MDC-150 PUCF-150	MDC-200 PUCF-200	MDC-250 PUCF-250	MDC-300 PUCF-300
	CAPACITY	TON	10	20	30	50	75	100	150	200	250	300
F x G	BED SIZE LR X FB	MM	305X355	355X405	405X430	455X505	525X575	550X600	625X850	800X800	850X850	900X900
	STROKE ADJUSTABLE	MM	0-45	0-63	0-75	0-90	0-100	0-110	0-125	0-150	0-175	0-175
B	*SHUT HEIGHT	MM	203	267	280	290	355	380	405	485	510	510
	SLIDE ADJUSTMENT	MM	40	40	40	50	50	63	63	70	70	75
N/O	SLIDE FACE OPENING	MM	28 x 60	32 x 75	35 x 75	38 x 80	45X85	45X90	50X100	57X100	57X125	70X150
	BORE IN BED	MM	100	115	125	155	180	205	230	280	300	325
H	BOLSTER THICKNESS	MM	60	65	65	70	75	80	95	120	125	140
T	HEIGHT OF TABLE SURFACE FROM FLOOR	MM	620	645	645	645	660	660	680	710	710	710
	STROKES PER MINUTE	SPM	70	65	60	60	55	50	45	35	30	25
	POWER REQUIRED	HP/RPM	1/1400	2/1400	3/1400	5/1400	7.5/1400	10/1400	15/1400	20/1400	25/1400	30/1400
	APPROX. WEIGHT	KGS.	950	1500	1800	2200	3500	4500	6000	8200	9500	10500

## SPECIFICATION FOR "BASANT-BI" 'C' FRAME INCLINABLE POWER PRESSES WITH ROLLING KEY & AIR FRICTION CLUTCH (MCF & PUCF SERIES)

D/M	TYPE	SERIES	MCF-10	MCF-20	MCF-30 PUCF-30	MCF-50 PUCF-50	MCF-75 PUCF-75	MCF-100 PUCF-100	MCF-150 PUCF-150	MCF-200 PUCF-200	MCF-250 PUCF-250
	CAPACITY	TONN	10	20	30	50	75	100	150	200	250
GXF	BED SIZE FB X LR	MM	330X508	355X558	405X610	508X711	560X813	635X889	711X965	750X1000	800X1100
	STROKE ADJUSTABLE	MM	0-50	0-63	0-75	0-90	0-100	0-110	0-125	0-150	0-175
A	DEPTH OF THROAT	MM	165	178	203	254	280	317	355	375	400
B	*SHUT HEIGHT	MM	205	267	290	305	355	368	405	485	500
E	SLIDE ADJUSTMENT	MM	40	40	40	50	50	63	63	70	70
N/O	SLIDE FACE OPENING	MM	28 x 60	32 x 75	35 x 75	38 x 80	45X85	45X90	50X100	57X125	62X125
K	BORE IN BED	MM	102	115	127	150	178	203	229	280	300
H	BOLSTER THICKNESS	MM	63	76	83	89	95	102	102	120	125
T	HEIGHT OF TABLE SURFACE FROM FLOOR	MM	635	648	724	737	749	762	765	765	765
	STROKES PER MINUTE	SPM	70	70	65	60	55	50	45	35	35
	MOTOR REQUIRED	HP/RPM	1/1400	2/1400	3/1400	5/1400	7.5/1400	10/1400	15/1400	20/1400	25/1400
	APPROX. WEIGHT	Kg.MCF/PUCF	950	1350	1700/2300	2300/3500	4050/5200	5050/6500	6500/8000	8000/9500	9500/12000

RIGHTS OF MODIFICATION IN DESIGNS ARE RESERVED.

SHUT HEIGHT WHEN SLIDE AT DOWN POSITION WITH SLIDE ADJUSTMENT UP



BASANT MOHINDER GROUP

# BASANT INDUSTRIES

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