



BASANT MOHINDER GROUP



**PASSION**  
**FOR PERFECTIONS**

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BASANT MOHINDER GROUP

Founder of Basant Group  
S. Basant Singh



## Company Profile

BASANT INDUSTRIES is over 50 years old establishment founded by S. Basant Singh. The Company is in the field of manufacturing of complete range of machines for Sheet Metal & Forging industries. The Company is exclusively engaged in the manufacturing of Power Presses, Forging Presses, Knuckle Joint Presses & Hammers.

State of the Art Manufacturing facilities are managed by highly skilled work force & dedicated team of quality professionals to deliver the best quality products at economical prices to our customers on global platform.

We are also Importing new & second hand power presses, which are reconditioned & rebuild here in our own plant. We ensure Quality, Reliability and proper working of machines before delivery. The Manufacturing facilities comply to the stringent requirements of ISO 9001:2008 and formal certification of TUV.



An ISO 9001 : 2008 Certified Co.

Our Mentor  
S. Mohinder Singh



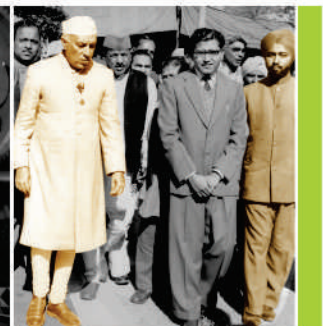
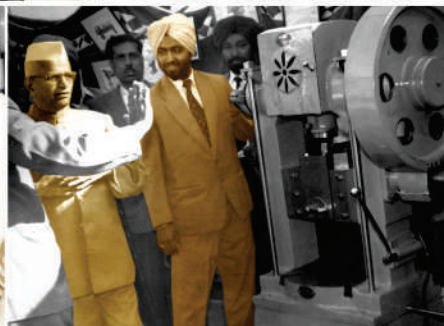
S. Mohinder Singh with  
Honorable Minister



S. Mohinder Singh with Smt. Indira Gandhi  
former Prime Minister of India



Film Star Dara Singh's  
Visit to Factory with S. Mohinder Singh



S. Mohinder Singh with  
Honorable Minister

S. Mohinder Singh with  
Honorable Minister

S. Mohinder Singh with Sh. Pandit Jawaharlal Nehru  
first Prime Minister of India



## History

# Infrastructure



Infrastructure

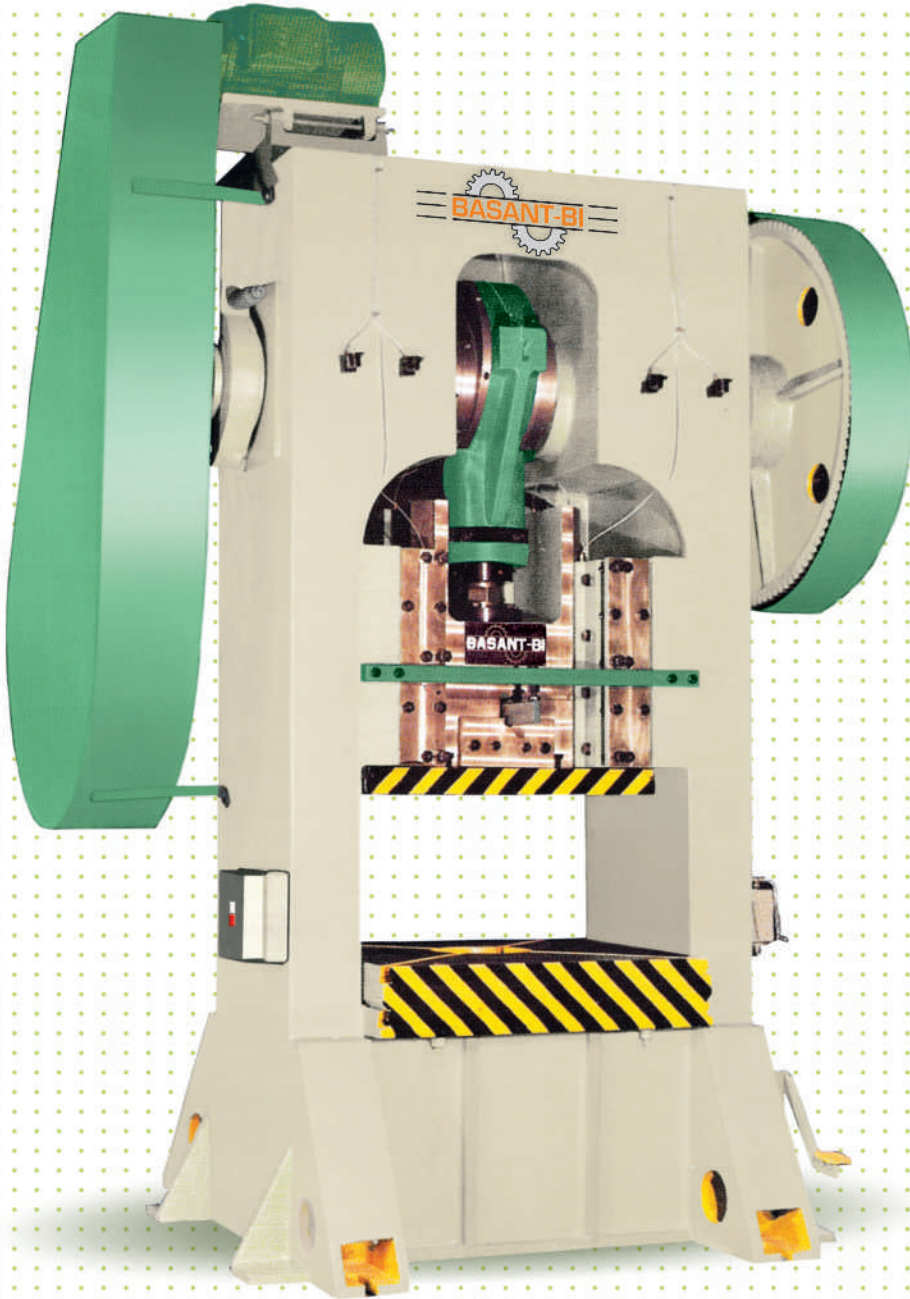
# Exhibitions



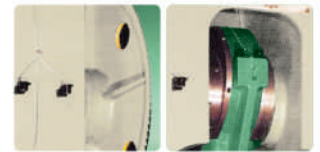
Exhibitions

# H.Frame (Pillar Type) Power Press

with Mechanical Rolling Key & Pneumatic Clutch



- Six way guided slides for Accurate moment.



- Centralized Lubrication
- Adjustable Stroke

SPECIFICATION FOR "BASANT-BI" DOUBLE COLUMN (PILLAR TYPE) POWER PRESSES WITH MECHANICAL ROLLING KEY & PNEUMATIC CLUTCH (MDC & PUDC SERIES)

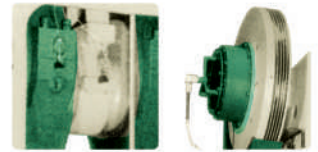
TYPE	SERIES	MDC-10	MDC-20	MDC-30 PUDC-30	MDC-50 PUDC-50	MDC-75 PUDC-75	MDC-100 PUDC-100	MDC-150 PUDC-150	MDC-200 PUDC-200	MDC-250 PUDC-250	MDC-300 PUDC-300
CAPACITY	TON	10	20	30	50	75	100	150	200	250	300
BED SIZE LR X FB	MM	305X355	355X405	405X430	455X505	525X575	550X600	625X650	800X800	850X850	900X900
STROKE ADJUSTABLE	MM	0-45	0-63	0-75	0-90	0-100	0-110	0-125	0-150	0-175	0-175
*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
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
BOLSTER THICKNESS	MM	60	65	65	70	75	80	95	120	125	140
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

RIGHTS OF MODIFICATION IN DESIGNS ARE RESERVED.

\* SHUT HEIGHT WHEN SLIDE AT DOWN POSITION WITH SLIDE ADJUSTMENT UP

# H.Frame (Two Point) Crank Press

with Pneumatic Clutch



- Double Eccentric
- Multi Disk Clutch & Brake Unit



- Standard make Pneumatic Accessories
- Standard make Electricals along with Panel

## SPECIFICATION OF "BASANT-BI" PUDP SERIES OF 300, 400, 500 TONS

Options for Bed area - 1200 x 1000 mm, 1500 x 1200 mm, 1800 x 1200 mm

Options for Fixed stroke length - 150 mm, 200 mm, 250 mm, 300 mm

Options for Shut height - 500 mm to 700 mm

Options for Slide adjustment - 50 mm to 125 mm

Options for Cushion Capacity available (Single point or Two point) - 30 Ton to 60 Ton

## SPECIFICATION OF "BASANT-BI" PUDP SERIES OF 300, 400, 500 TONS

Options for Bed area - 1500 mm x 1200 mm, 1800 x 1500 mm, 2000 x 1500 mm, 2500 x 1500 mm, 3000 x 1500 mm

Options for Fixed stroke length - 150 mm, 200 mm, 300 mm, 400 mm

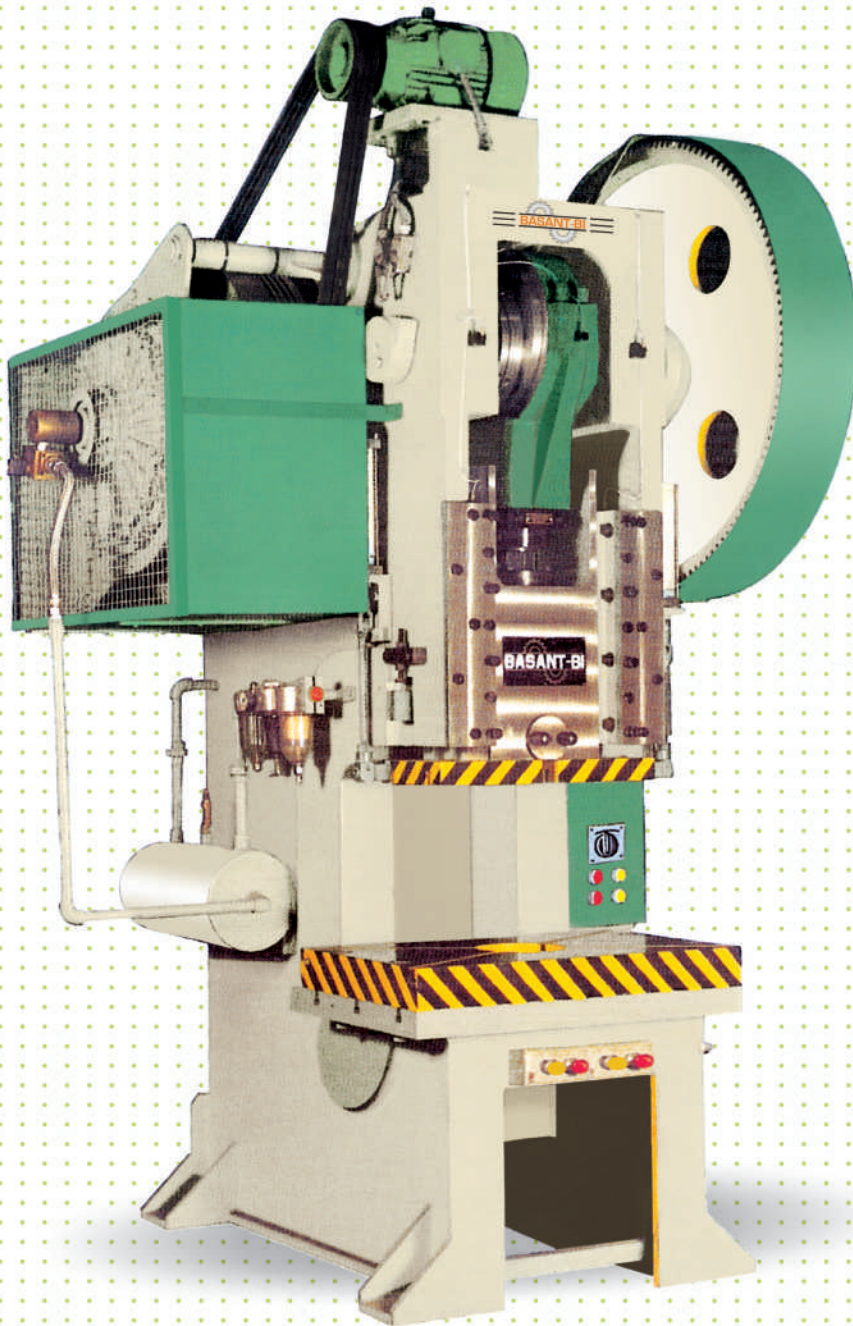
Options for Shut height - 500 mm to 1000 mm

Options for Slide adjustment - 50 mm to 200 mm

Options for Cushion Capacity available (Single point or Two point) - 30 Ton to 100 Ton

# C.Frame Power Press

with Mechanical Rolling Key  
& Pneumatic Clutch



- Six way guided slides for Accurate moment.



- Both Hand Operation for Safety
- Standard Make Pneumatic Accessories

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

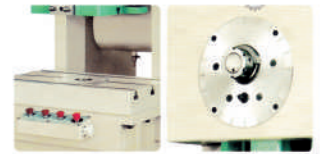
TYPE	SERIES	MCF-10	MCF-20	MCF-30 PUCF-30	MCF-50 PUCF-50	MCF-75 PUCF-75	MCF-100 PUCF-100	MCF-150 PUCF-150	MCF-200 PUCF-200	MCF-300 PUCF-250
CAPACITY	TON	10	20	30	50	75	100	150	200	250
BED SIZE LR X FB	MM	330X508	355X558	405X610	508X711	560X813	550X600	711X965	750X1000	800X1100
STROKE ADJUSTABLE	MM	0-50	0-63	0-75	0-90	0-100	0-110	0-125	0-150	0-175
DEPTH OF THROAT	MM	165	178	203	254	280		355	375	400
*SHUT HEIGHT	MM	205	267	290	305	355	380	405	485	500
SLIDE ADJUSTMENT	MM	40	40	40	50	50	63	63	70	70
SLIDE FACE OPENING	MM	28X60	32X75	35X75	38X80	45X85	45X90	50X10	57X125	62X125
BORE IN BED	MM	102	115	127	150	178	205	229	280	300
BOLSTER THICKNESS	MM	63	76	83	89	95	80	102	120	125
HEIGHT OF TABLE SURFACE FROM FLOOR	MM	635	648	724	737	749	660	765	765	765
STROKES PER MINUTE	SPM	70	70	65	60	55	50	45	35	35
POWER 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	8000/98500	9500/12000

RIGHTS OF MODIFICATION IN DESIGNS ARE RESERVED.

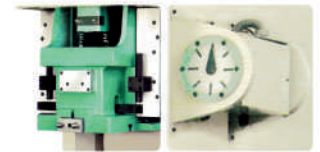
\* SHUT HEIGHT WHEN SLIDE AT DOWN POSITION WITH SLIDE ADJUSTMENT UP

# C.Frame Cross Shaft Power Press

## with Pneumatic Clutch



- Both Hand Operation for Safety
- Adjustable & Fix Stroke



- Crank Positioning & Multi Cam Limit Switch
- Hydraulic Overload Safety Device

SPECIFICATION OF "BASANT-BI" 'C' FRAME & INCLINABLE TYPE POWER PRESSES WITH PNEUMATIC CLUTCH (CS SERIES)

TYPE	SERIES	CS 25	CS 35	CS 45	CS 60	CS 80	CS 110	CS 125	CS 160	CS 200	CS 260	CS 315
CAPACITY	TON	25	35	45	60	80	110	125	125	200	200	315
BED SIZE	MM	680x300x70	800x400x70	850x440x80	900x500x80	1000x550x90	1150x600x110	1150x600x110	1250x760x140	1250x860x160	1500x860x160	1600x900x180
STROKE FIXED	MM	70 30	70 40	80 50	120 60	150 70	180 80	180 80	200 90	200 100	200 100	250 150
*SHUT HEIGHT	MM	195 215	220 235	250 265	310 340	340 380	360 410	360 410	400 450	450 500	460 510	500 550
SLIDE	MM	50	55	60	75	80	80	80	100	100	110	120
SLIDE FACE OPNG	MM	Ø38.10	Ø38.10	Ø38.10	Ø50	Ø50	Ø50	Ø50	Ø65	Ø65	Ø65	Ø65
BED OPENING	MM	240x120	240x140	300x150	320x160	360x180	400x200	400x200	440x220	440x220	480x240	520x260
TABLE HEIGHT FROM FLOOR	MM	800	790	800	795	840	840	840	910	910	1030	1030
STROKES PER MINUTE	SPM	110	85	75	65	65	50	50	35	35	35	30
MOTOR	HP	5	5	7.5	7.5	10	10	15	20	25	30	40

# Ring Frame (Cross Shaft) Power Press

With Pneumatic Clutch



- Extra Long Six way Guided Slides.
- Slide Window for all four side working.



- All Standard make Accessories

## CLOSED TYPE PRESS

TYPE	SERIES	RF 80	RF 110	RF 160	RF 200	RF 260
CAPACITY	TON	80	110	160	200	260
BED SIZE	MM	760x550x90	900x600x110	980x880x140	1140x820x160	1500x840x180
STROKE	MM	150 70	180 80	200 90	200 100	250 150
*SHUT HEIGHT	MM	340 380	360 410	460 510	460 510	500 550
SLIDE ADJUSTMENT	MM	80	80	100	100	120
SHANK DIA	MM	Ø50	Ø50	Ø65	Ø65	Ø65
BED OPENING	MM	360x180	400x200	440x220	440x220	480x240
TABLE HEIGHT FROM FLOOR	MM	840	840	910	910	1030
STROKES PER MINUTE	SPM	65	50	35	35	35
MOTOR	HP	10	15	20	25	30

RIGHTS OF MODIFICATION IN DESIGNS ARE RESERVED.

\* SHUT HEIGHT WHEN SLIDE AT DOWN POSITION WITH SLIDE ADJUSTMENT UP

# Two Point "H" Frame Power Press with Pneumatic Clutch



- Wider Slide & Bolster



- Slide Window for all Four Side Working
- Extra Long Six ways Slides

## CLOSED TYPE PRESS

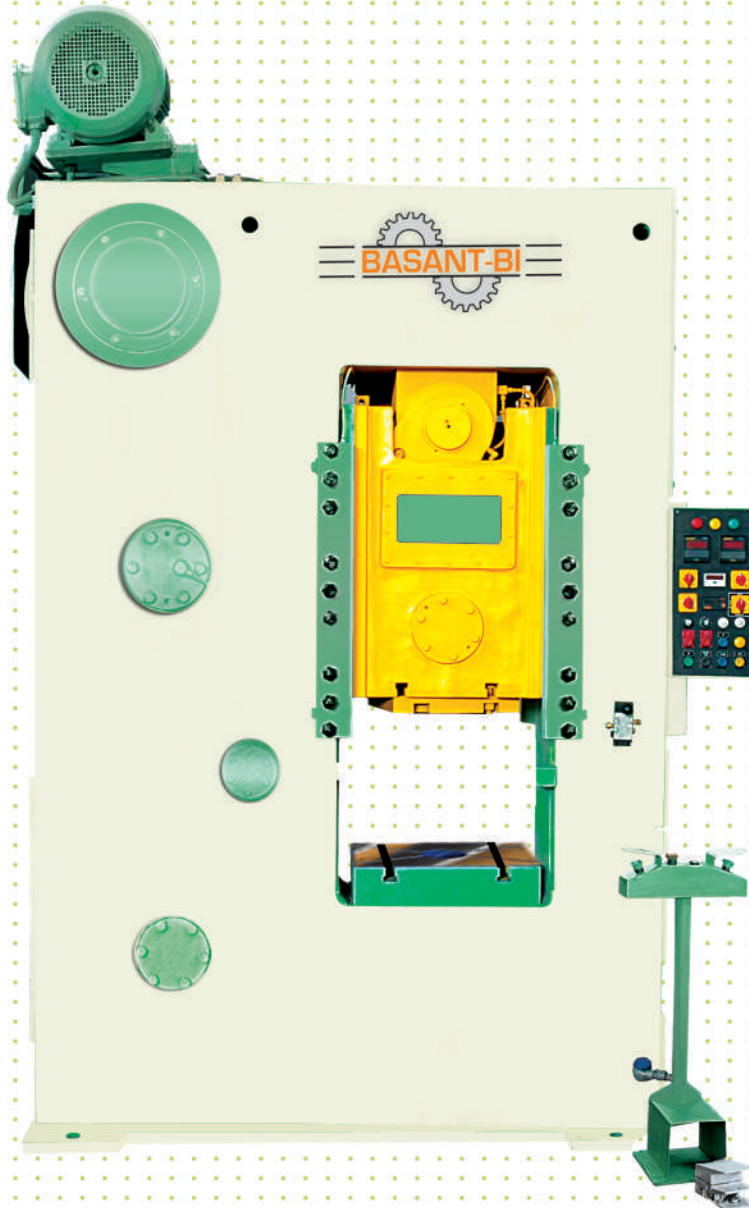
TYPE	SERIES	TP 110	TP 160	TP 200	TP 250	TP 300	TP 400
CAPACITY	TON	110	110	200	250	300	260
BED SIZE	MM	1650x750	1800x760	2200x940	2500x1000	2500x1000	3200x1000
STROKE	MM	180 110	180 130	250 150	280 170	300 170	300
*SHUT HEIGHT	MM	400 435	450 400	500 450	550 450	550 450	550
SLIDE ADJUSTMENT	MM	100	100	120	120	120	120
TABLE HEIGHT FROM FLOOR	MM	830	1000	1000	1180	1200	1200
STROKES PER MINUTE	SPM	50	40	35	30	30	20
MOTOR	HP	15	20	25	30	40	40

RIGHTS OF MODIFICATION IN DESIGNS ARE RESERVED.

\* SHUT HEIGHT WHEN SLIDE AT DOWN POSITION WITH SLIDE ADJUSTMENT UP

# Knuckle Joint Clutch Press

With Pneumatic Clutch



● Standard Pneumatic Accessories



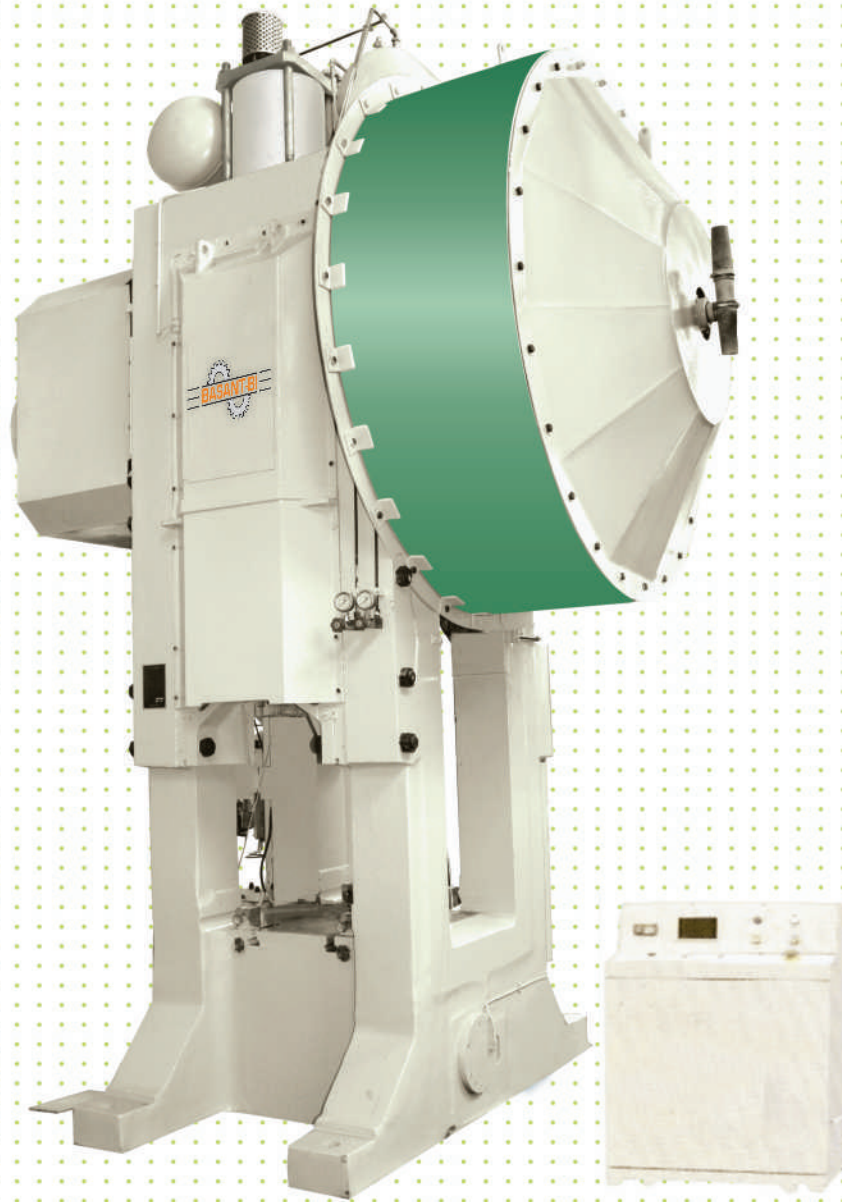
● Hand Operational Switch for safety

## KNUCKLE JOINT POWER PRESS

		250	400	600
NOMINAL FORCE TONS	TONS	250	400	600
RAM STROKE	mm	100	100	150
SPEED	spm	60	50	40
SHUT HEIGHT (SDAU)	mm	300	375	420
BED DIMENSION (LR-FB)	mm	520*490	590*510	630*630
LOWER NOCK OUT STROKE	mm	70	80	110
FORCE	kn	80	120	200
UPPER KNOCK OUT STROKE	mm	10	10	10
FORCE	kn	25	40	65
MAIN DRIVE ELECTRIC	h.p.	20	30	40
RAM ADJUSTMENT MOTOR	h.p.	1	1	1
LUBRICATION MOTOR	h.p.	0.75	0.75	0.75
OVERALL DIMENSION	mm	1745*1150	1750*2665	2200*1500
WEIGHT (I)APPROX.	kg	6500	10000	14000

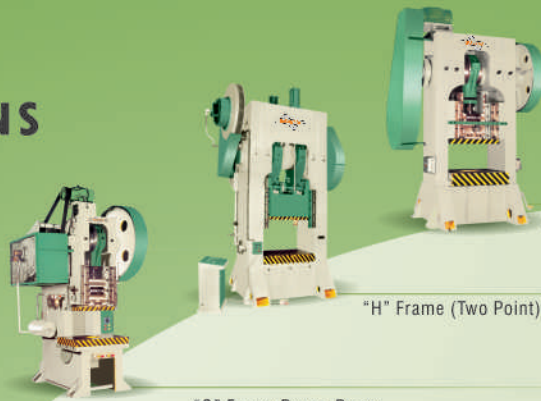
# Hot Forging Press

## Crank Type



SPECIFICATIONS		MODEL/UNIT	BI 400	BI 630	BI 800	BI 1000	BI 1600
Capacity		Ton	400	630	800	1000	1600
Nominal Force stroke		mm	5	5	5	5	6
Length of slide stroke		mm	175	200	220	250	600
Strokes per minute		spm	100	95	90	85	70
Effective strokes per minute		spm	18	18	18	16	16
Max. Shut Height		mm	500	550	630	720	800
Max height for die		mm	290	290	350	400	400
Adjust of Shut Height		mm	10	10	10	10	10
Table area (LRXFBXThickness)		mm	780x840x120	880x880x150	1000x1000x180	1120x1050x200	1200x1200x250
Slide area(FBXLRL)		mm	595x555	645x695	820x720	950x800	1080x1040
Slide table area (LRXFBXThickness)		mm	595x555x90	645x635x110	820x720x120	950x800x120	1080x1040x150
Shank hole diameter		mm	50	60	60	60	60
Slide Knockout	Knockout Force	kN	60	60	70	80	80
	Knockout Stroke	mm	20	20	25	30	40
Down Knockout	Knockout Force	KN	200	300	400	500	600
	Knockout Stroke	mm	40	40	40	40	60
Power of main motor		hp	40	50	60	75	120
Power of slide adjust motor		hp	1	1.5	20	3	4
Machine Weight (approx.)		kg.	38000	43000	65000	80000	110000

# PASSION FOR PERFECTIONS



"H" Frame (Pillar Type) Power Press

"H" Frame (Two Point) Crank Press

"C" Frame Power Press



Cross Shaft Power Press



Ring Frame (Cross Shaft) Power Press



"H" Frame (Cross Shaft) Power Press



Two Point "H" Frame Cross Shaft



Knuckle Joint Power Press



Hot Forging Press



BASANT MOHINDER GROUP

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