



## **N.K FORGING & ROLLING INDUSTRIES**

(Unit of Niranjan Singh Kartar Singh Forging Pvt. Ltd.)





#### Over 50 Years of Experience

In Careful Selection & Fabrication of Machines

## Company Profile



Manufacturers of "NKH" Hammers & Power presses is a unit of M/s. Niranjan Singh Kartar Forgings Private Limited- a leading manufacturers of NKH Hammers Since 1967. S. Niranjan Singh who was the managing director of Niranjan Singh Kartar Forging Private Limited was also the managing Partner of N.K. Forging & Rolling Industries & Company Niranjan Singh Kartar Singh Forging Pvt. Ltd. Had diverted the whole business to N.K. Forging & Rolling Industries. "NKH" group is one of the leading manufacturers of Friction Drop Forging Hammer, Power Presses - Pillar Type, "C" Type, Friction Screw Presses, Forging Presses, & All Types of Special Presses both Mechanically controlled and with Pneumatic clutch as per requirement of the customers. 'NKH' Presses are giving satisfactory Performance in Pressing Jobs like Cutting, Blanking, Trimming, Piercing & Embossing etc. of all Types of ferrous & non ferrous Material.

Over 47 years experience in careful selection and fabricating Machines. Latest Technology and quality control for all in-built parts and the body construction guarantee the standard of NKH quality to give years of trouble free performance. "NKH" Presses are precision built for accuracy and rigidity and have proved their worth for satisfactory working through out the country and abroad.

"NKH" Presses have been designed with latest technology and fresh, Branded and best quality of Raw Material is used in the manufacturing process. One year Guarantee against defective material and workmanship is given to our customers.



#### Pillar Type Power Press

#### Specifications of Higher Capacity on Request

Capacity in Tons	50 TON	75 TON	100 TON	150 ton	200 TON	250 TON	300 TON	400 TON
Bed to Ram Bottom	380	410	430	455	505	530	600	630
Bed size	500 x 500	560 x 610	600 x 600	660 x 660	810 x 810	860 x 860	990 x 990	1000 x 1000
Stroke Length	100	100	125	125	150	150	175	175
Hole in Ram for Die Clamping	38	40	45	50	65	65	70	75
No. Of stroke Per minute	50	45	45	40	35	35	30	30
Adjustment inRam	50	50	65	65	65	65	65	65
Motor Power Required (1440 RPM)	5 HP	7.5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP



Capacity:
30 Ton - 300 Ton

Also available with Pneumatic Clutch



### Inclinable or 'C' Type Press

#### Specifications of Higher Capacity on Request

Capacity in Tons	30 Ton	50 Ton	75 Ton	100 Ton	150 Ton	200 Ton
Bed to Ram Bottom	330 mm	380 mm	400 mm	430 mm	455 mm	505 mm
Bed Size	455 x 660	455 x 760	560 x 810	610 x 890	700 x 1100	810 x 1100
Stroke Length	75 mm	100 mm	100 mm	125 mm	125 mm	150 mm
Hole in Ram for Die clamping	35 mm	38 mm	40 mm	45 mm	50 mm	65 mm
No. Of stroke per minute	50	50	45	45	40	35
Adjustment in RAM	35 mm	50 mm	50 mm	65 mm	65 mm	65 mm
Motor Power Required (1440 RPM)	3 HP	5 HP	7.5 HP	7.5 HP	10 HP	20 HP



#### Friction Screw Presses Down Stroke

Capacity in Tons	50 Ton	100 Ton	150 Ton	200 Tom	300 Ton	400 Ton	500 Ton	
Dia of Screw	4"	5"	6"	6.5"	8"	9.5"	11"	
stroke Of Press	9"	11"	14"	15"	17"	19"	21"	
Table of Slide (maximum)	15"	19"	22"	23"	26"	29"	33"	
Table of Slide (minimum)	6"	7"	8"	8"	9"	10"	12"	
Size of Table (front)	15"	19"	21"	22"	25"	28"	30"	
Size of Table (Side)	14"	18"	20"	21"	24"	28"	30"	
Distance Between Table To Guides	6"	8"	10"	10"	12"	14"	16"	
Distance Between Colomns	16"	20"	22"	23"	26"	30"	32"	
Distance Between Guides	12"	14"	16"	17"	19"	22"	24"	
Bore in Table	3"	4"	5"	5"	6"	6"	6"	
Bore in Ram (Shank Dia)	1.5"	2"	2.5"	2.5"	3"	3"	4"	
Ram.	12" x 12"	14" x 14"	16" x 16"	17" x 17"	19" x 19"	22" x 22"	24" x 24"	
T Slot inTable	5/8"	5/8"	3/4"	3/4"	1"	1"	1.25"	
T Slot in Ram	5/8"	5/8"	5/8"	5/8"	3/4"	1"	1"	
Motor Power Required in H.P.	7.5	15	20	25	30	40	50	
R.P.M.	1440	1440	960	960	960	960	960	
Height of Press	10'	11'	13′	13′	15′	16′	18'	







Forging Press - UP Stroke



Capacity in Tons	50 Ton	100 Ton	150 Ton	250 Ton	350 Ton
Capacity in Numbers	NO.3	NO.2	NO.1	NO.0	NO.00
Stroke	15"	16"	20"	26"	32"
Die of Screw	3.5"	4.5"	5.5"	6.5"	7.5"
Max. Length	8"	12"	16"	20"	26"
Max. Dia of Job	1/2"	3/4"	11/4"	2"	3.5"
Strokes Par Minute	50	40	30	25	20
Foundation Holes	24" X 16"	31" X 19"	25" X 39"	41: X 20"	43" X 32"
Slide Table	8"	9"	10"	11"	12"
Motor Power Required 1440 RPM	5 H.P	10 H.P	10 H.P	20 H.P	30 H.P



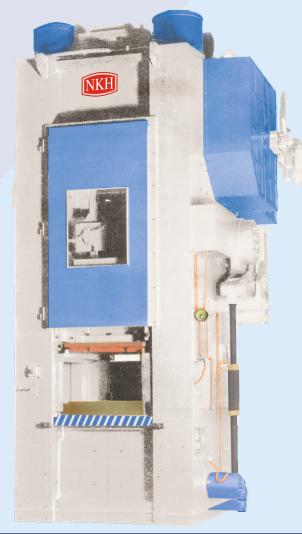


# 'H'-Frame 2 Point Phneumatic Clutch Press

Capacity:
100 Ton - 500 Ton



Capacity:
100 Ton - 1000 Ton





# SINCE 1967 Pioneer in Forging Industry



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