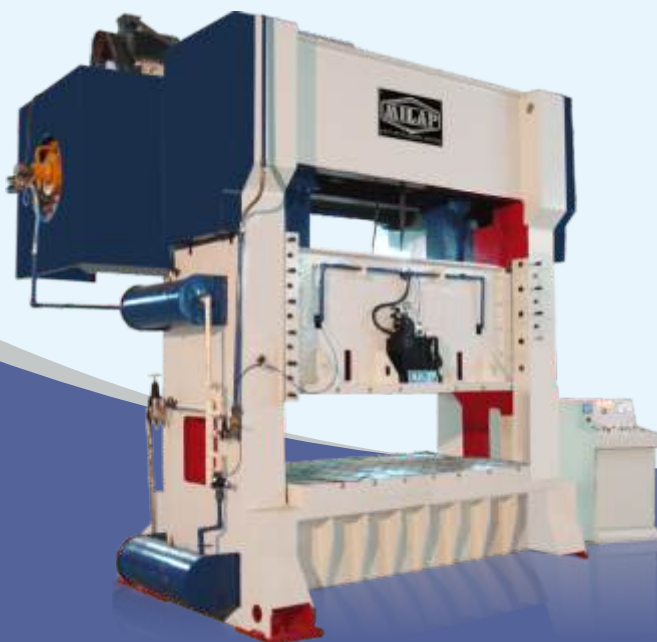


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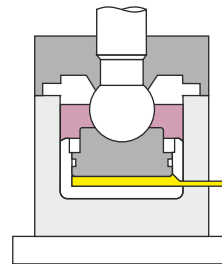
Two Point Crankless Presses | Two Point Crank Type Presses | Pillar Type H Frame Presses
C or Inclinable Type | Cross Shaft Presses | Sheet Cutting Shearing Machine | Press Brake Mechanical or Hydraulic
Knuckle Joint Presses | Roll Forged Reducer Machine | Forging Presses & Accessories



TWO POINT CRANK TYPE PRESSES

Mechanical Pneumatic Clutch Capacity upto 630 tons

S. Mehar Singh Ghatourey
Founder Milap Group



Over Load Protector



In an overload condition, oil pressure in the cylinder is released and, simultaneously, the press stops. The reliable system device is quickly & easily reset in INCHING mode, inching the slide back to TDC re-activates the pump which will automatically build up the originally set hydraulic pressure to resume normal operation.

"Two Point Crank Presses" Frame Specifications

Capacity (Tons)	200	200	200	250	250	250	315	315	315
Bolster Area L-Rx-F-B	1500x1000	1800x1200	2500x1300	1500x1000	1800x1200	2500x1300	1500x1000	1800x1200	2500x1300
Slide Area L-Rx-F-B	1400x800	1700x1000	2400x1100	1400x800	1700x1000	2400x1100	1400x800	1700x1000	2400x1000
Stroke Fix	200	200	200	200	200	200	200	225	250
Shut Height (SDAU)	450	450	450	500	500	550	550	550	550
Day Light (SUAU)	650	650	650	700	700	750	750	775	800
Slide Adjustment (motorised)	100	100	100	110	110	125	125	125	125
No. of Slide Stroke (SPM)	25	20	20	25	20	25	20	20	20
Main Motor (HP)	25	20	25	25	25	30	30	30	40
Req. air pressure for pneumatic clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Optional Die Cushion Capacity (Tons)	20	20	20	25	25	25	30	30	30
Stroke	110	110	110	110	110	110	110	125	140
Req. Air Pressure	5	5	5	5	5	5	5	5	5

"C" Frame Specifications

Capacity (Tons)	400	400	400	500	500	630	630	630
Bolster Area L-Rx-F-B	1500x1000	1800x1200	2500x1300	1500x1000	1800x1200	1500x1000	1800x1200	2500x1500
Slide Area L-Rx-F-B	1400x800	1700x1000	2400x1100	1400x800	1700x1000	1400x800	1700x1000	2400x1300
Stroke Fix	200	225	250	200	200	200	225	250
Shut Height (SDAU)	600	600	600	650	650	700	700	700
Day Light (SUAU)	800	825	850	850	850	900	925	950
Slide Adjustment (motorised)	125	125	125	150	150	175	175	200
No. of Slide Stroke (SPM)	25	20	20	25	25	25	20	20
Main Motor (HP)	40	40	40	50	50	60	60	60
Req. air pressure for pneumatic clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Optional Die Cushion Capacity (Tons)	40	40	40	50	50	75	75	75
Stroke	110	125	140	110	125	110	125	140
Req. Air Pressure	5	5	5	5	5	5	5	5

All Dimensions are in mm



TWO POINT CRANKLESS PRESSES

Capacity upto 1000 tons



Specifications

Capacity in Tons	200	200	200	250	250	250	315	315	315	400	400	400
Bolster Area L-RxF-B	1500x1200	1800x1200	2500x1300	1800x1200	2000x1300	2000x1300	1800x1200	2500x1400	2500x1400	1800x1200	2000x1300	2500x1400
Slide Area L-RxF-B	1400x1000	1700x1000	240x1100	1700x1000	1900x1100	1900x1100	1700x1000	2400x1200	2400x1200	1700x1000	1900x1100	2400x1200
Stroke Length (Fix)	200	250	300	250	300	300	200	300	300	300	300	315
Shut Height (SDAU)	450	450	450	500	500	500	550	550	550	600	600	600
Day Light (SUAU)	650	700	750	750	800	800	750	850	850	900	900	915
Side Adjustment	100	100	100	125	125	125	125	150	150	150	150	150
No. of Slide Stroke (SPM)	22	22	20	22	22	22	20	20	20	20	20	18
Main Motor (HP)	20	25	25	25	30	30	30	30	30	40	40	40
	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Capacity (Tons)	20	20	20	25	25	25	30	30	30	40	40	40
Stroke Length	110	150	175	150	175	175	110	175	175	175	175	175
Req. Air Pressure (Kg/Cm2)	5	5	5	5	5	5	5	5	5	5	5	5

Specifications

Capacity in Tons	500	500	500	630	630	630	800	800	800	1000	1000	1000
Bolster Area L-RxF-B	1800x1200	2000x1300	2500x1500	2000x1300	2500x1500	2600x1800	2000x1300	2500x1500	2600x2000	2300x1500	2500x1600	2800x2000
Slide Area L-RxF-B	1700x1000	1900x1100	2400x1300	1900x1100	2400x1300	2500x1600	1900x1100	2400x1300	2500x1800	2200x1300	2400x1400	2700x1800
Stroke Length (Fix)	300	300	315	315	400	400	400	400	500	400	400	500
Shut Height (SDAU)	600	600	600	600	600	600	650	650	650	700	700	700
Day Light (SUAU)	900	900	915	915	100	1000	1050	1050	1150	1100	1100	1200
Side Adjustment	150	150	150	150	150	175	150	150	175	175	175	175
No. of Slide Stroke (SPM)	20	20	20	20	18	18	20	18	18	15	15	15
Main Motor (HP)	50	50	50	50	75	75	75	75	75	75	100	100
Req. Air pressure for pneumatic clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Capacity (Tons)	50	50	50	60	60	60	80	80	80	100	100	100
Stroke Length	175	175	175	175	225	225	275	225	260	225	225	260
Req. Air Pressure (Kg/Cm2)	5	5	5	5	5	5	5	5	5	5	5	5

Optional
Die Cushion

All Dimensions are in mm



"C" FRAME / INCLINABLE AND PILLAR / H TYPE POWER PRESS

Capacity upto 500 tons



"C" FRAME PRESSES



"C" RING FRAME PRESSES



"H" FRAME PRESSES

"C" Frame Specifications

Capacity (Tons)	10	20	30	50	75	100	150	200	250	315	400
Area of Bolster L-Rx-F-B	435x350	500x375	600x400	650x475	725x550	900x600	1000x700	1150x800	1200x850	1350x950	1450x1050
Distance Between Bed of Ram (SU AU)	280	300	360	400	425	455	500	550	600	700	775
Slide Stroke Length Adjustable or Fix	50	65	85	100	110	125	140	150	150	175	200
Adjustment of Slide	25	28	30	35	40	45	50	60	70	75	75
Shank Hole	28	30	35	40	45	50	55	63	65	70	75
No. of Slide Strokes	50	50	45	45	40	40	35	30	30	25	25
Main Motor	2/1440	2/1440	3/1440	5/1440	7.5/1440	10/1440	15/1440	20/1440	25/1440	30/1440	40/1440
Motor Pulley Dia	B-3	B-3	B-4	B-5	B-6	B-7	B-7	C-8	C-8	C-9	C-10
Height from Floor to top of Bolster	325	675	700	725	750	775	825	825	825	850	900
Bed Opening (Dia)	100	100	125	150	175	200	225	250	275	300	300
Required Air Pressure for Pneumatic Clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Die Cushion Capacity	1.6	1.6	3.0	5.0	7.5	10.0	15.0	20.0	25.0	30	30
Die Cushion Stroke Length	25	25	45	65	75	85	100	110	110	120	130
Die Cushion Air Pressure (Kg/Cm2)	5	5	5	5	5	5	5	5	5	5	5

Pillar Type or "H" Frame Presses Specifications

Capacity Tons	20	30	50	75	100	150	200	250	300	400	500
Area of Bolster L-Rx-F-B	400x400	437x462	435x512	525x600	575x625	650x750	800x850	850x900	925x950	1025x1050	1100x1100
Distance Between Bed of Ram (SU AU)	275	300	350	375	400	450	500	550	600	650	700
Slide Stroke Length (Adjustable)	65	85	100	110	125	140	150	150	175	200	200
Adjustment of Slide	28	30	35	40	45	50	60	70	75	85	90
Shank Hole	30	35	40	45	50	55	63	65	65	75	80
No. of Slide Strokes (SPM)	50	45	45	40	40	35	30	30	30	25	25
Main Motor HP/RPM	2/1440	3/1440	5/1440	7.5/1440	10/1440	15/1440	20/1440	25/1440	30/1440	40/1440	50/14440
Motor Pulley Dia (inches)	B-4	B-4	B-5	B-6	B-7	B-7	C-8	C-8	C-9	C-9	C-10
Height from Floor to top of Bolster	650	650	700	725	750	800	825	850	850	875	875
Bed Opening (Dia)	100	125	150	175	200	225	250	275	300	325	325
Required Air Pressure for Pneumatic Clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Die Cushion Capacity	1.6	3.0	5.0	7.5	10.0	15.0	20.0	25.0	30.0	40.0	40.0
Die Cushion Stroke Length	25	45	65	75	85	100	110	110	125	125	125
Die Cushion Air Pressure (Kg/Cm2)	5	5	5	5	5	5	5	5	5	5	5

All Dimensions are in mm



CROSS SHAFT POWER PRESS

Capacity upto 315 Tons



Specifications

Capacity (Tons)	35	45	63	80	110	160	200	250
Bolster L-Rx F-B	750x400	800x450	850x500	1000x570	1100x625	1200x650	1350x800	1400x850
Slide Area L-Rx F-B	350x250	400x325	500x400	525x400	600x475	700x550	850x700	900x700
Day Light (SUAU)	330	340	400	420	450	560	650	675
Stroke Length Fix	60	60	100	110	125	160	200	200
Stroke Length (Adj)	8-60	8-60	8-100	8-110	8-125	8-160	8-200	8-200
Slide Adjustment	63	63	70	70	80	100	100	125
Shut Height (SDAU)	270	280	300	320	325	400	450	475
Nos of Slide Strokes (SPM)	50	50	50	50	45	40	40	35
Slide Adjustment Motor KW	..	..	0.4	0.4	0.4	0.75	1.5	1.5
Height from Floor to Top	800	850	856	850	850	900	900	900
Main Motor (HP)	3	5	7.5	7.5	10	15	20	25
Required Air Pressure for Pneumatic Clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Capacity Tonne	3.5	3.5	5	6	8	10	14	14
Stroke	50	50	60	70	90	100	110	120
Air Pressure (Kg/Cm2)	6	6	6	6	6	6	6	6

Die Cushion

All Dimensions are in mm



HIGH SPEED PRESS TWO POINT DOUBLE COLUMN PRESSES

Capacity 100 to 1000 Tons



High Speed Two Point Suspension Press



High Speed Single Point Suspension Press

“Two Point Suspension” Specifications

Capacity (Tons)	65	100	125	200	250
Area of Bolster L-RxF-B	850x630	1100x700	1300x900	1800x900	1900x925
Daylight	370	390	420	450	475
Stroke Length	30mm	30mm	30mm	30mm	30mm to 40mm
Slide adjustment	40mm	40mm	40mm	40mm	40mm
Slide Area	790x450	1000x500	1200x200	1700x700	1800x700
No. of Suspension	2	2	2	2	2
No. of Strokes Minimum	100	100	100	100	100
Maximum	170	170	170	170	170
Main Motor	10 HP	20 HP	25 HP	30 HP	40 HP
Height from Floor to top of Bolster	900	950	1000	1000	1000
Bed Opening (Dia)	700x200	900x200	1100x220	1500x250	1550x300
Required Air Pressure for Pneumatic Clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5

“Single Point Suspension” Specifications

Capacity (Tons)	50	75	100	150	200
Area of Bolster L-RxF-B	500x500	600x600	650x650	700x700	800x800
Daylight	300	325	400	425	450
Stroke Length	30mm	30mm	30mm	30mm	30mm
Slide adjustment	40mm	40mm	40mm	40mm	40mm
Slide Area	400x400	500x500	550x550	600x600	650x650
No. of Suspension	1	1	1	1	1
No. of Strokes Minimum	100	100	100	100	100
Maximum	180	180	180	150	150
Main Motor	7.5 HP	10HP	15	20 HP	25 HP
Height from Floor to top of Bolster	800	800	828	825	825
Bed Opening (Dia)			As per Requirement		
Required Air Pressure for Pneumatic Clutch (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5

All Dimensions are in mm



HYDRAULIC PRESS
Capacity 20 to 500 tons



‘H OR C’ Frame Hydraulic Presses

“C Type” Frame Specifications

Capacity (Tons)	10	20	30	50	80	100	150	200	300
Area of Bolster L-RxF-B	400x350	500x400	600x400	650x600	750x650	900x600	1000x700	1150x800	1350x900
Daylight	350	400	500	500	600	600	750	850	950
Stroke Length	125	150	175	225	275	300	350	450	500
Slide Area	350x300	400x350	500x350	550x500	650x600	800x500	900x600	900x700	1200x800
No. of Cylinder	1	1	1	1	1+2	1+2	1+2	1+2	1+2
No. of Strokes	12	10	6	6	6	5	5	5	5
Main Motor	2/1440	3/1440	5/1440	5/1440	7.5/1440	7.5/1440	15/1440	15/1440	25/1440
Height from Floor to top of Bolster	375	700	700	750	750	800	850	900	950
Bed Opening (Dia)	100	100	125	150	175	200	225	250	300
Optional Die Cushion Capacity	2	3	5	8	13	15	25	40	75
Optional Die Cushion Stroke Length	100	100	100	100	150	150	150	200	200
Optional Die Cushion Cushion Area	--	--	--	--	500x400	600x550	750x600	900x750	1000x850

“H” Frame (Box Type) Specifications

Capacity Tons	20	30	50	80	100	150	200	250	300	400	500
Area of Bolster L-RxF-B	400x300	425x300	450x450	550x550	600x600	600x600	650x600	700x650	800x600	800x600	900x700
Daylight	300	350	425	475	550	650	700	750	800	850	900
Stroke Length	150	175	225	275	300	350	450	450	500	500	550
Slide Area	300x200	325x225	350x350	400x400	450x450	450x450	500x500	550x550	550x550	600x500	650x650
No. of Cylinder	1	1	1	1	1	1	1+2	1+2	1+2	1+2	1+2
No. of Strokes	10	6	6	6	6	6	5	5	5	4	4
Main Motor	5/1440	5/1440	7.5/1440	7.5/1440	7.5/1440	15/1440	15/1440	20/1440	25/1440	30/1440	40/1440
Height from Floor to top of Bolster	650	650	700	725	750	800	825	850	850	875	875
Bed Opening (Dia)	100	125	150	175	200	225	250	275	300	325	325
Optional Die Cushion Capacity	3	5	8	8	13	15	15	20	25	40	50
Optional Die Cushion Stroke Length	100	100	100	100	125	125	150	150	175	200	225
Optional Die Cushion Cushion Area	300x200	325x200	350x250	400x400	425x425	425x425	425x425	450x450	450x450	475x475	500x500

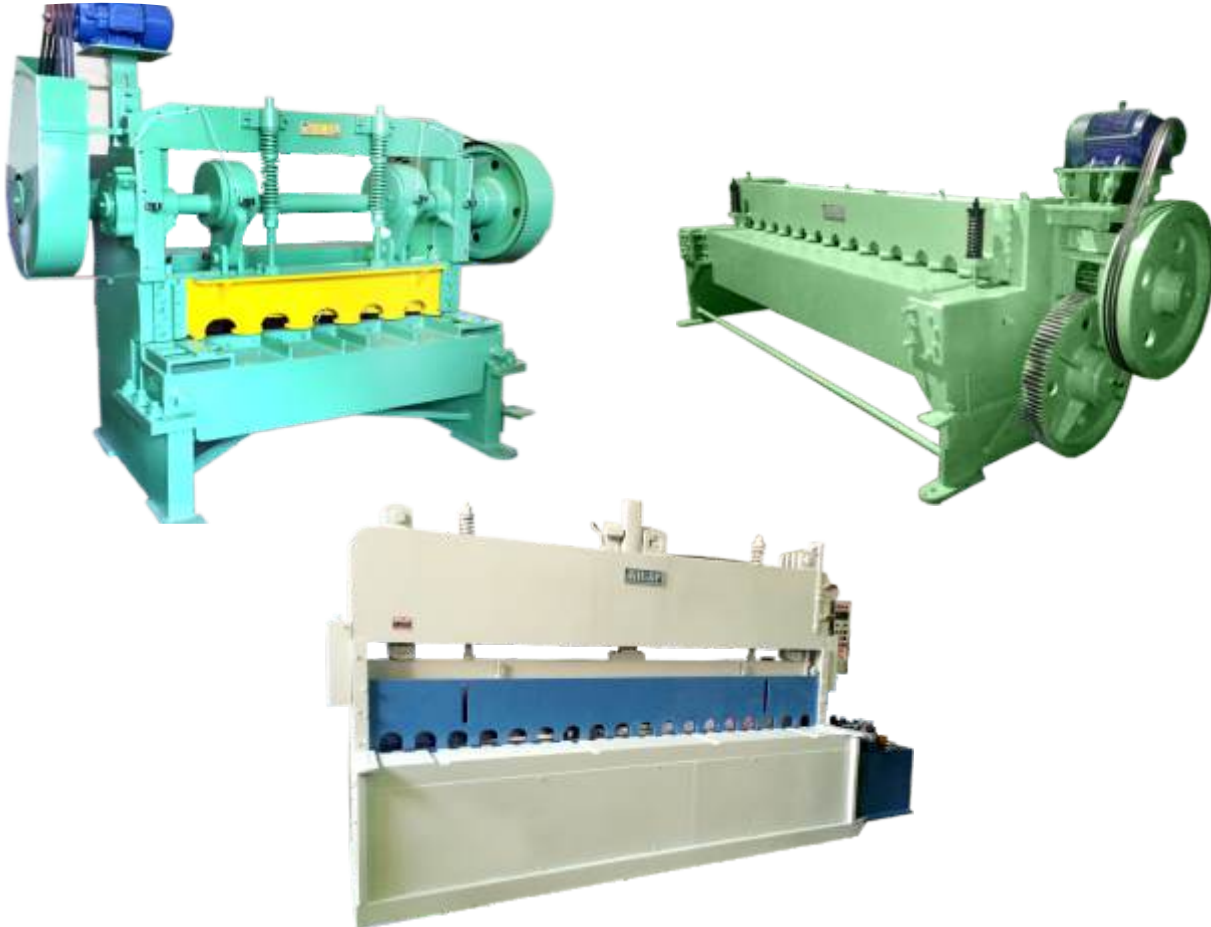
All Dimensions are in mm



SHEARING MACHINE

Mechanical Pneumatic Clutch or Hydraulic

Capacity upto 14mm x 3000mm



Specifications

Capacity (Cutting Length x Cutting Capacity)	(Model)	Max Back Gauge Adjustment	Size of Blades Blade Segments	Motor H.P./RPM	S.P.M.
48"/1220 mm x 3 mm	MEW - UC - 03	20 - 500	1250x65x18	5/1440	45
48"/1220 mm x 6 mm	MEW - OC - 06	20 - 500	1250x65x20	7.5/1440	45
48"/1220 mm x 12 mm	MEW - OC - 012	20 - 500	1250x75x25	10/1440	40
60"/1525 mm x 3 mm	MEW - UC - 03	20 - 500	1525x65x18	7.5/1440	45
60"/1525 mm x 6 mm	MEW - OC - 06	20 - 500	1525x65x20	10/1440	45
60"/1525 mm x 12 mm	MEW - OC - 012	20 - 500	1525 x 75 x 25	15/1440	40
72"/1830 mm x 3 mm	MEW - UC - 03	20 - 500	1830x65x18	7.0/1440	40
72"/1830 mm x 6 mm	MEW - OC - 06	20 - 500	1830x75x20	15/1440	40
72"/1830 mm x 12 mm	MEW - OC - 012	20 - 500	1830x75x25	15/1440	30
100"/2540 mm x 3 mm	MEW - UC - 03	25 - 600	2540 x 65 x 18	10/1440	35
100"/2540 mm x 6 mm	MEW - OC - 06	25 - 600	2540 x 75 x 20	20/1440	30
100"/2540 mm x 12 mm	MEW - OC - 012	25 - 600	2540x100x25	25/1440	25
120"/3040 mm x 3 mm	MEW - UC - 03	25 - 600	3040 x 75x18	15/1440	35
120"/3040 mm x 6 mm	MEW - OC - 06	25 - 600	3040 x 75 x 25	25/1440	30
120"/3040 mm x 12 mm	MEW - OC - 012	25 - 600	3040x100x28	30/1440	25

All Dimensions are in mm



MECHANICAL & HYDRAULIC PRESS BREAK

Mechanical Pneumatic Clutch or Hydraulic

Brake Presses (Capacity 20 to 200 tons)



Mechanical Pneumatic Clutch



Hydraulic Type

Specifications

Capacity in Tons	20	25	80	100	120	140	160
Bending Length x Thickness	1525x1.6	2030x1.6	2540 x 3	3125x3	2540 x 6	3125x6	3125x8
Clear Distance & Between Body Pillar to Pillar	1000	1200	1500	1700	1500	1700	1700
S.P.M.	40	40	35	30	25	25	25
Ram Stroke Length	50	50	75	75	75	75	75
Shut Height (S.D.U.P.)	200	200	250	275	275	275	300
Depth of Throat	180	180	200	200	250	250	250
Stroke Adjustment	40	40	60	60	60	60	75
Main Motor H.P./R.P.M.	5/1440	7.5/1440	10/1440	15/1440	20/1440	25/1440	30/1440
Air Pressure Required (Kg/Cm2)	5.5	5.5	5.5	5.5	5.5	5.5	5.5

All Dimensions are in mm



ROLL FORGED REDUCER MACHINE

Mechanical Pneumatic Clutch

upto 100mm Round or Square



Specifications

Model	Unit	MHF-140	MHF-170	MHF-220	MHF-260
Roller Dia	MM	140	170	220	260
Roll Forging Effective Width	MM	220	240	260	300
Roller Center Distance	MM	250	310	360	460
Maximum Material Length	MM	400	500	600	750MM
Maximum Material Dia	MM	30	45	56	80MM
Forge Roll Center Adjustment	MM	5	5	5	5
Clutch Type		Penumatic	Pneumatic	Pneumatic	Pneumatic
Air Pressure	Kg/Cm2	5.5	5.5	5.5	5.5
Stroke Per Minutes	S.P.M	50	45	45	45
Main Motor	KW	7.5/10	15/20	18.5/25	30 HP

All Dimensions are in mm



KNUCKLE JOINT PRESS **Mechanical Pneumatic Clutch**

Capacity 20 to 200 tons



Back Driven



Side Driven



Specifications

Capacity	Ton	250	400	600	750	1000	1350	1600
Tonnage Rating Point	MM	5	5	5	5	5	5	5
Stroke Length	MM	124	150	170	170	200	200	225
Strokes Per Minute	SPM	52	48	40	40	40	35	35
Day Light (S.D.A.U)	MM	460	550	620	640	700	700	725
Adjustment of Ram	MM	08	08	08	08	10	10	10
Bloster Area (LR X FB)	MM	450x530	550x650	600x700	850x900	900x1000	1000x1050	1200x1200
Slide Area (LR X FB)	MM	300x325	375x400	600x650	740x780	830x880	880x920	1050x1000
Lower Ejector (Table)	TONxMM	2x40	2x40	2x40	2x40	2x50	3x50	3x50
Upper Ejector (Slide)	TONxMM	1x20	1x20	1x20	1x20	1x25	2x25	2x30
Main Motor	KW	18.5	30	37	45	55	75	90
Air Pressure	Kg/cm2	4-5	4-5	4-5	4-5	4-5	4-5	4-5
Slide Adjustment Motorised	KW	0.75	0.75	0.75	0.75	1.50	1.50	1.50
Lubrication Automatic Recirculating		Oil	Oil	Oil	Oil	Oil	Oil	Oil

All Dimensions are in mm



MILAP ENGINEERING WORKS

AN ISO 9001 : 2008 COMPANY

About Company

Milap Engineering Works established in 1961 by S. Mehar Singh with vision of serving sheet metal components industry with his sons Mr. Amrik Singh and Mr. Tejinder Singh. The Company is now headed under by his grandsons Mr. Kuljit Singh , Mr. Gurminder Singh, Mr. Karanveer Singh (Third Generation) and Jaskaran Singh (Fourth Generation).

'MILAP' which stands for durability, excellent workmanship and rigid design. We have a well integrated manufacturing facility that is capable of bulk production capacity. The Products manufactured by us are of premium quality and in adherence to international quality standards stringent and rigorous quality check ensure the optimum quality and the reliability of our product among our client. We also offer full on Sight testing of our product before and after their installation.

Infrastructure

The company is having all in house plant facilities with qualified workforce and professionals, Also we have all the testing facilities to check the quality of the end product to produce quantity machines with more perfection, precision & accuracy.

Quality

We have with us services of experienced quality checking experts who assist us in ensuring production of high quality range, from the procurement of raw material till the final production stage, we follow stringent quality measures that assist us in delivering flawless outputs. Moreover, we use superior grade raw materials in our production processes that ensures optimum durability and performance standards of clients end.



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