



MILAP INDUSTRIAL CORPORATION MILAP MACHINES (I) PVT. LIMITED

AN ISO 9001 : 2015 CERTIFIED COMPANY



ENGINEERING EXCELLENCE, DELIVERING RELIABILITY.



www.milap.net

SINCE 1961



INTRODUCTION



Milap Machines is a name synonymous with engineering precision, manufacturing excellence, and an enduring commitment to customer satisfaction. Established in 1960, the company has grown into one of India's leading manufacturers and exporters of metalworking machinery. Our product range includes power presses, hydraulic presses, mechanical shearing machines, press brakes, and other high-performance sheet metal fabrication equipment.

For over six decades, Milap Machines has been built on the vision and hard work of four successive generations. From the craftsmanship of our founder, Sardar Mehar Singh Ji, to the leadership of Bhupinder Singh and the continued advancement by Jaspal Singh and Harpreet Singh each chapter has strengthened our foundation. Today, the next generation, Jashnjeet Singh and Manraj Singh, bring fresh energy and innovation, steering the company toward a dynamic future.

With a legacy spanning more than 65 years, Milap Machines continues to deliver reliable, durable, and precisely engineered solutions to industries across India and the world.

INFRASTRUCTURE

Milap Machines operates with a strong infrastructure, comprising three fully equipped manufacturing units based in Ludhiana, Punjab.

Our facilities are designed to support end to end production from design and fabrication to assembly and rigorous testing ensuring every machine meets the highest standards. Equipped with modern machinery, dedicated R&D, and efficient production systems, our infrastructure enables us to consistently deliver superior products at scale.

WORKFORCE STRENGTH

Our team is our biggest strength. Milap Machines is powered by a skilled workforce of over 155 professionals, combining technical expertise with decades of experience. Every department from production and engineering to customer support works with a common goal: delivering quality machines and unmatched service.

QUALITY ASSURANCE

As an ISO-certified organization, Milap Machines maintains strict quality control measures at every stage of manufacturing. From raw material selection to final dispatch, every process is monitored to ensure machines that are safe, durable, and perform consistently even under demanding industrial conditions.

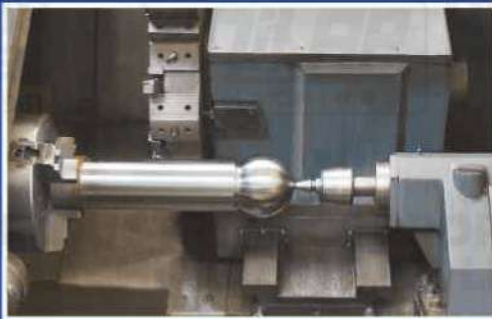
Our commitment to quality, precision, and timely service has earned the trust of clients across Southeast Asia, the Middle East, and beyond.



PRODUCT RANGE

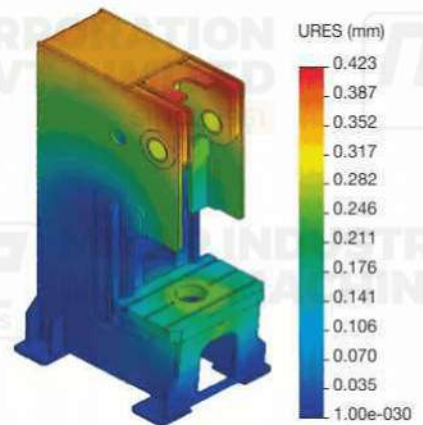


- Two Point Crankless Press
 - Two Point Crank Type Press
 - Pillar Type or H-Frame Press
 - Inclinal or C-Frame Press
- Cross Shaft Press
 - Roll Forge Machine
 - Shearing Machine
 - Press Brake
- Knuckle Joint Press
 - Forging Press & Accessories
 - Hydraulic Press



WHY CHOOSE US ?

- Pan-India Global Sales & Service Network.
- More than 65+ years of manufacturing experience.
- A Capacity to manufacture 500 machines per annum.
- Latest infrastructure of equipments.
- Industry-Recognized Brand.
- Design and R&D Department.
- Spare Parts Availability.
- High Tonnage Capacity Machines.
- Reverse Engineering Capabilities.



Finite Element Analysis

CROSS SHAFT PRESS MCX-SERIES



upto 315 Tons

Salient Features :

- Fixed / Adjustable Stroke Option
- Hydraulic Over Load System
- Motorised Slide Adjustment
- Slide Counter Balancers
- PLC / HMI Control
- Die Cushion Option
- Photo Safety Guards
- Variable Speed Option
- High Torque Pneumatically Operated Single Disc Combined Clutch & Brake unit
- Oil Bath Gears
- Wide Slide and Bolster Area
- Auto Lubrication



C-FRAME CROSS SHAFT PRESS



H-FRAME CROSS SHAFT PRESS

TECHNICAL SPECIFICATIONS

MODEL	UNITS	MCX-20	MCX-32	MCX-40	MCX-63	MCX-80	MCX-110	MCX-160	MCX-200	MCX-250	
Capacity	Tons	20	32	40	63	80	110	160	200	250	
Area of Bolster (LR x FB)	mm	600 x 350	650 x 400	780 x 425	870 x 500	980 x 580	1025 x 625	1180 x 710	1325 x 825	1425 x 900	
Slide Area (LR x FB)	mm	325 x 225	375 x 275	400 x 325	480 x 380	550 x 450	650 x 500	700 x 525	825 x 600	900 x 700	
Tonnage Rating Point (BDC)	mm	1.2	2.3	3.2	4	4.5	5	6.3	6.3	6.3	
Day Light (SUAU)	mm	340	375	400	425	440	500	600	655	680	
Stroke Length Fix	mm	60	75	85	100	110	130	160	205	205	
Shut Height (SDAU)	mm	280	300	315	325	330	370	440	450	475	
Stroke Length Adj. (Optional)	mm	8-60	8-65	8-70	8-100	8-105	8-115	8-130	8-150	8-150	
Screw Adjustment	mm	55	65	65	70	80	90	100	110	125	
Slide Adjustment		Manual	Manual	Manual	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	
No. of Slide Strokes	SPM	65	65	60	55	50	50	45	40	35	
Height from Floor to Bolster	mm	750	800	800	850	850	850	900	900	900	
Main Motor	HP	2	3	5	7.5	7.5	10	15	20	25	
Air Pressure for Clutch	Kg/Cm ²	5.5	5.5	5.5	5.5	6	6	6	6	6	
Die Cushion	Capacity	Tons	—	—	4.5	5	8	10	15	20	25
	Stroke	mm	—	—	55	70	80	90	100	110	125
	Air Pressure	Kg/Cm ²	—	—	7	7	7	7	7	7	7

TWO POINT CRANK TYPE PRESS MDC-SERIES

upto 800 Tons



Salient Features :

- Heavy Duty Fabricated Steel Structure
- Crank Shaft Drive
- Two Point (Double Con-Rods)
- Motorised Slide Adjustment
- Slide Counter Balancers
- Die Cushion Option
- Photo Safety Guards
- Hydraulic Overload System
- Extra Long Guideways
- Pneumatic Clutch
- Auto Lubrication System

TECHNICAL SPECIFICATIONS

MODEL	UNITS	MDC-200	MDC-250	MDC-315	MDC-400	MDC-500	MDC-630	
Capacity	Tons	200	250	315	400	500	630	
Bolster Area (LR x FB)	mm	1500 x 1000	1500 x 1000	1500 x 1000	1500 x 1000	1600 x 1000	1600 x 1000	
	mm	1800 x 1200	2000 x 1200	2000 x 1200	2000 x 1200	2000 x 1200	2000 x 1200	
	mm	2500 x 1500	2500 x 1500	2500 x 1500	2500 x 1500	2500 x 1500	2600 x 1500	
Slide Area (LR x FB)	mm	1400 x 800	1400 x 800	1400 x 800	1400 x 800	1500 x 900	1500 x 900	
	mm	1600 x 1000	1800 x 1000	1800 x 1000	1600 x 1000	1900 x 1100	1900 x 1100	
	mm	2400 x 1400	2400 x 1400	2400 x 1400	2400 x 1400	2400 x 1400	2500 x 1400	
Stroke Length (Fix)	mm	200	200	225	250	275	300	
Shut Height (SDAU)	mm	450	500	550	550	600	600	
Day Light (SUAU)	mm	650	700	775	800	875	900	
Main Motor	HP/RPM	20 / 1440	30 / 1440	30 / 1440	40 / 1440	50 / 1440	50 / 1440	
	HP/RPM	20 / 1440	30 / 1440	40 / 1440	50 / 1440	50 / 1440	75 / 1440	
	HP/RPM	25 / 1440	30 / 1440	40 / 1440	50 / 1440	50 / 1440	75 / 1440	
Slide Adjustment	mm	100	110	125	140	150	150	
No. of Slide Strokes	SPM	22	22	22	22	20	20	
Air Pressure for Clutch	Kg/Cm ²	6	6	6	6	6	6	
Die Cushion	Capacity	Tons	20	25	30	40	50	60
	Stroke Length	mm	150	175	175	175	200	225
	Air Pressure	Kg/Cm ²	7	7	7	7	7	7

HYDRAULIC PRESS



H-FRAME HYDRAULIC PRESS



C-FRAME HYDRAULIC PRESS

Salient Features :

- Heavy Duty Fabricated Steel Structure
- Die Cushion Option
- Photo Safety Guards

TECHNICAL SPECIFICATIONS

H-FRAME HYDRAULIC PRESS

MODEL	50 TON	100 TON	150 TON	200 TON	250 TON	300 TON	400 TON	500 TON
Bed Area (LR x FB)	450 x 450 mm	600 x 600 mm	650 x 650 mm	900 x 700 mm	1000 x 850 mm	1100 x 800 mm	1250 x 850 mm	1500 x 1000 mm
Day Light (SUAU)	400 mm	450 mm	500 mm	550 mm	600 mm	650 mm	700 mm	800 mm
Stroke Length	200 mm	50 mm	300 mm	350 mm	350 mm	350 mm	350 mm	400 mm
Shut Height	200 mm	200 mm	200 mm	200 mm	250 mm	300 mm	350 mm	400 mm
Main Motor	5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP
Working Height	750 mm	800 mm	800 mm	850 mm	900 mm	900 mm	900 mm	900 mm

C-FRAME HYDRAULIC PRESS

MODEL	30 TON	50 TON	100 TON	150 TON	200 TON	250 TON
Bed Area (LR x FB)	600 x 400 mm	625 x 475 mm	700 x 550 mm	900 x 600 mm	1000 x 700 mm	1150 x 800 mm
Day Light (SUAU)	350 mm	400 mm	450 mm	500 mm	550 mm	600 mm
Stroke Length	150 mm	200 mm	250 mm	300 mm	350 mm	350 mm
Shut Height	200 mm	200 mm	200 mm	200 mm	200 mm	250 mm
Main Motor	3 HP	5 HP	10 HP	15 HP	20 HP	25 HP
Working Height	750 mm	750 mm	800 mm	800 mm	850 mm	850 mm



SHEARING MACHINE MM-SERIES



Salient Features :

- Heavy Duty Fabricated Steel Structure
- Mechanical / Pneumatic or Hydraulic Option
- HCHCRD2 Four Edged Blades
- Mechanical / CNC Back Gauge Option
- Front Gauge
- Over & Under Crank Options
- Spring Loaded Hold Down
- Lubrication System



UNDER CRANK SHEARING MACHINE

TECHNICAL SPECIFICATIONS

Capacity Cutting (M.S) Length x Cutting Thickness	Model	Max Back Gauge Adjustment	Size of Blades Blade Segments	Motor H.P. / RPM	S.P.M.
48" / 1220 mm x 3 mm	MM - 4UC - 03	20 - 500	1220 x 65 x 18	3 / 1440	50
48" / 1220 mm x 6 mm	MM - 4OC - 06	20 - 550	1220 x 65 x 20	7.5 / 1440	45
48" / 1220 mm x 12 mm	MM - 4OC - 012	20 - 550	1220 x 75 x 25	10 / 1440	40
60" / 1525 mm x 3 mm	MM - 5UC - 03	20 - 500	1525 x 65 x 18	5 / 1440	50
60" / 1525 mm x 6 mm	MM - 5OC - 06	20 - 600	1525 x 65 x 20	10 / 1440	45
60" / 1525 mm x 12 mm	MM - 5OC - 012	20 - 600	1525 x 75 x 25	15 / 1440	40
72" / 1830 mm x 3 mm	MM - 6UC - 03	20 - 600	1830 x 65 x 18	7.5 / 1440	45
72" / 1830 mm x 6 mm	MM - 6OC - 06	20 - 600	1830 x 65 x 20	10 / 1440	40
72" / 1830 mm x 12 mm	MM - 6OC - 012	20 - 600	1830 x 75 x 25	15 / 1440	30
100" / 2540 mm x 3 mm	MM - 8UC - 03	20 - 600	2540 x 65 x 18	10 / 1440	45
100" / 2540 mm x 6 mm	MM - 8OC - 06	30 - 650	2540 x 75 x 20	20 / 1440	35
100" / 2540 mm x 12 mm	MM - 8OC - 012	30 - 650	2540 x 100 x 25	25 / 1440	25
120" / 3040 mm x 3 mm	MM - 10UC - 03	20 - 600	3040 x 65 x 18	15 / 1440	40
120" / 3040 mm x 6 mm	MM - 10OC - 06	30 - 650	3040 x 75 x 20	25 / 1440	30
120" / 3040 mm x 12 mm	MM - 10OC - 012	30 - 650	3040 x 100 x 25	30 / 1440	25

ROLL FORGE REDUCER MACHINE



TECHNICAL SPECIFICATIONS

MODEL	UNITS	MRF-145	MRF-170	MRF-225
Max. Material Length	mm	380	490	550
Max. Material Dia	mm	32	45	55
Max. Forging Width	mm	225	250	270
Roller Shaft Dia	mm	145	170	255
Roller Centre Distance	mm	255	315	365
Roller Adjustment	mm	6	6	6
SPM Clutch Type		55 Pneumatic	50 Pneumatic	50 Pneumatic
Air Pressure	(Kg/Cm ²)	5.5	6	6
Main Motor Capacity	(HP)	10	15	25

ACCESSORIES



Pneumatic Clutch & Brake



Pneumatic Feeder



Photo Safety Guard



De-Coiler Straightener & Coiler



Die Cushion

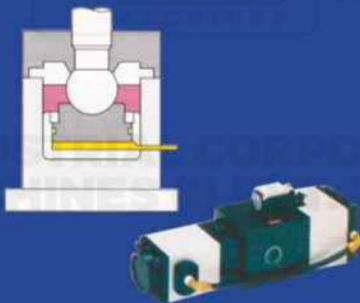


Die Height Indicator



Quick Die Change System

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 buildup the originally set hydraulic pressure to resume normal operation.

SPECIAL PURPOSE MACHINES



TWO POINT
H-FRAME HIGH SPEED PRESS



RING FRAME CROSS
SHAFT PRESS



SINGLE POINT CRANKLESS PRESS

SPECIAL PURPOSE MACHINES



TWO POINT
H-FRAME HIGH SPEED PRESS



RING FRAME CROSS
SHAFT PRESS



SINGLE POINT CRANKLESS PRESS

SPECIAL PURPOSE MACHINES



INCLINABLE C-FRAME
UNGEARED PRESS (HIGH SPEED)



KNUCKLE JOINT PRESS



H-FRAME HIGH SPEED PRESS

Industries We Serve



Automobile
& Auto Parts



Sheet Metal
Fabrication



Electrical &
Switchgear



Agriculture
Equipment



Home
Appliances



Furniture &
Hardware



Fan & Cooler
Manufacturing



Kitchenware
& Cookware



Textile Machinery
Infrastructure



Railway



General



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Design and specifications are subject to change without prior notice.