



HYDRAULIC PRESS-BRAKE MACHINE

MR Enterprises Hydraulic Press Brakes are highly productive, accurate, and economical. Through advanced design and construction, Nandi Machinery offers quality Hydraulic Press Brakes that provide simplified and easily accessible controls for optimum operator efficiency and output.

Pair of hydraulic cylinders is synchronized mechanically by a heavy-duty torque tube construction. This facility ensures absolute parallelism between ram and table working surface.

These press brakes are manufactured to high standards of lifetime durability and precision accuracy.

RANGE :

- ▶ Tonnage - 20MT to 600MT
- ▶ Length - 1500mm to 6000 mm

TECHNICAL FEATURES :

- ▶ Bending Length (mm) 1500mm/2000mm/2500mm/3000mm/4000mm
- ▶ Accuracy ± 0.03 mm
- ▶ Thickness - Up to 4mm / 6mm / 8mm / 10mm / 12mm / 16mm / 20mm
- ▶ Back Gauge Length - As per requirements

PRODUCT FEATURES :

- ▶ Accurate right angle welded steel frame with tested material gives accurate bending.
- ▶ Accurately Synchronized cylinders for equally vertical force of RAM at full length.
- ▶ Use of hardened Pin and Bushes gives less maintenance.
- ▶ Flexible sheet support for longer and heavier plates/sheets.
- ▶ Emergency stop push switch with moveable console including motor on/off, RAM up/ down & cycle selection switch.
- ▶ Three Operating Mode – Auto, Inch & Single cycle.
- ▶ Centrally lubrication system by Hand pump at all pin, bushes and joints.
- ▶ Five way V- Block (EN-31) in one and suitable Blade.
- ▶ Fine stroke adjustment Rod with limit switches.

STANDARD ACCESSORIES :

- ▶ V-Block Die & Punch
- ▶ Operating Mode
- ▶ Backgauge With Micro Setting
- ▶ Front Sheet Support
- ▶ Centralized Lubrication System By Manual Pump

Hydraulic Press Brake Machine

Model	Tonnage	Table Length	Bending Capacity (In MS, UTS 45 kg/mm ²)		Table width	Clear Pass	Ram stroke	Open Height	Throat Depth	Speed Approach passing return	Power HP	Packing Dimensions (W x H x L)
			mm	mm								
		A			B	C	D	E	F			G H I
MRPB1520	20	1500	1.6X1500	2X1250	150	1050	100	250	200	25-7-30	3	1800X1150X2000
MRPB2030	30	2000	2X2000	3X1250	150	1550	100	250	200	23-6-30	3	2300X1250X2000
MRPB2540	40	2500	2X2500	3x1500	150	2050	100	250	200	23-6-30	5	2800x1250x2000
MRPB1550	50	1500	4X1500	5x1250	190	1050	100	250	200	23-6-30	5	1800x1250x2000
MRPB2050	50	2000	3X2000	4x1500	190	1550	100	250	200	23-6-30	5	2300X1250X2000
MRPB2550	50	2500	2.5X2500	3x2000	190	2050	100	250	200	23-6-33	5	2800x1250x2000
MRPB2565	65	2500	3X2500	4x2000	190	2050	150	330	200	28-4-30	5	2800x1300x2100
MRPB3065	65	3050	2.5X3000	3x2500	190	2550	150	330	200	28-4-30	5	3450x1300x2100
MRPB2580	80	2500	4X2500	5x2000	190	2050	150	330	200	35-5-43	7.5	2800x1650x2400
MRPB3080	80	3050	3X3000	4x2500	190	2550	150	330	200	35-5-43	7.5	3450x1650x2400
MRPB25100	100	2500	5X2500	6x2000	190	2050	150	330	200	35-5-43	7.5	2800x1650x2400
MRPB30100	100	3050	4X3000	5x2500	190	2550	150	330	200	35-5-43	7.5	3450x1650x2400
MRPB40100	100	4050	3X4000	4x3000	250	3250	150	330	200	35-5-43	7.5	4350x1750x2400
MRPB25125	125	2500	6X2500	8x2000	250	2150	150	350	300	35-4-38	10	2850x1750x2600
MRPB30125	125	3050	5X3000	6x2500	250	2650	150	350	300	35-4-38	10	3450x1750x2600
MRPB40125	125	4050	4X4000	5x3000	250	3250	150	350	300	35-4-38	10	4300x1750x2600
MRPB25160	160	2500	8X2500	10x2000	300	2150	150	350	300	32-4-38	15	2850x1900x2700
MRPB30160	160	3050	6X3000	8x2500	300	2650	150	350	300	32-4-39	15	3450x1900x2700
MRPB40160	160	4050	5X4000	6x3000	300	3250	150	350	300	32-5-39	15	4450x1900x2700
MRPB25200	200	2500	10X2500	12x2000	300	2150	200	400	300	32-6-33	20	2950x2150x2850
MRPB30200	200	3050	8X3000	10x2500	300	2650	200	400	300	32-6-33	20	3450x2150x2850
MRPB40200	200	4050	6X4000	8x3000	300	3250	200	400	300	32-6-33	20	4450x2150x2850
MRPB30250	250	3050	10X3000	12x2500	350	2650	200	400	300	32-5-39	25	3450x2200x2900
MRPB40250	250	4050	8X4000	10x3000	350	3250	200	400	300	32-5-39	25	4450x2200x2900
MRPB30300	300	3050	12X3000	15x2500	350	2650	200	400	300	28-5-33	30	3450x2250x3000
MRPB40300	300	4050	10X4000	12x3000	350	3250	200	400	300	28-4-31	30	4450x2250x3000
MRPB30400	400	3050	16X3000	20x2500	350	2650	250	500	350	28-4-31	40	3450x2300x3100
MRPB40400	400	4050	12X4000	16x3000	350	3250	250	500	350	28-4-31	40	4450x2300x3100



NC HYDRAULIC PRESS BRAKE MACHINE

NC hydraulic Press brakes are economical and very reliable solution for industry demand. NC hydraulic press brakes are designed to give more accuracy and better productivity. The controller has a facility to program the various jobs with complex bending sequence on screen.

The Numeric Control is used for Two Axis Control,
1. Y - Ram Axis 2. X-Back Gauge Axis

The program gives facility to bend different bending degrees; different back gauge positions & different open positions. It has a facility to save different programs and same can be reloaded as & when required. The back gauge consists of Flip-top Fingers, Ball Screw & Linear Bearing along with drive.

RANGE :

- ▶ Tonnage - 20MT to 600MT
- ▶ Length - 1500mm to 6000 mm

TECHNICAL FEATURES :

- ▶ Bending Length (mm) 1500mm/2000mm/2500mm/3000mm/4000mm
- ▶ Accuracy ± 0.03 mm
- ▶ Thickness Up to 4mm / 6mm / 8mm / 10mm / 12mm / 16mm / 20mm & more
- ▶ Back Gauge Length As Per Requirements.

PRODUCT FEATURES :

- ▶ It has a facility to program the variegated jobs includes complex bending sequence.
- ▶ This facility helps to perform complicated bending job in a signal setting and repeatable production.
- ▶ Dedicated controller with LCD monochrome screen & numeric keypad.
- ▶ Bend angle & Depth Mode program.
- ▶ 128 Programs x 16 bends per program can be stored.
- ▶ Stroke control and stroke counter on screen.
- ▶ Highly Precise press brake scale for accurate Y- axis positioning.
- ▶ AC Servo drive for back gauge positioning.
- ▶ Hardened ground Balls screw and linear motion bearing for better position accuracy and longer life.

STANDARD ACCESSORIES :

- ▶ NC Operating Mode – 2-Axis Controller
- ▶ V-Block Die & Punch
- ▶ Operating Mode
- ▶ Backgauge With Micro Setting
- ▶ Front Sheet Support
- ▶ Centralized Lubrication System By Manual Pump

NC HYDRAULIC SHEARING MACHINE

Model	Tonnage	Table Length	Bending Capacity (In MS, UTS 45 kg/mm ²)		Table width		Clear Pass	Ram stroke	Open Height	Throat Depth	Speed Approach passing return	Power HP	Packing Dimensions (W x H x L)		
			mm	mm	mm	mm							mm	mm	mm
		A			B	C	D	E	F				G	H	I
MRPB1520	20	1500	1.6X1500	2X1250	150	1050	100	250	200	25-7-30	3	1800X1150X2000			
MRPB2030	30	2000	2X2000	3X1250	150	1550	100	250	200	23-6-30	3	2300X1250X2000			
MRPB2540	40	2500	2X2500	3x1500	150	2050	100	250	200	23-6-30	5	2800x1250x2000			
MRPB1550	50	1500	4X1500	5x1250	190	1050	100	250	200	23-6-30	5	1800x1250x2000			
MRPB2050	50	2000	3X2000	4x1500	190	1550	100	250	200	23-6-30	5	2300X1250X2000			
MRPB2550	50	2500	2.5X2500	3x2000	190	2050	100	250	200	23-6-33	5	2800x1250x2000			
MRPB2565	65	2500	3X2500	4x2000	190	2050	150	330	200	28-4-30	5	2800x1300x2100			
MRPB3065	65	3050	2.5X3000	3x2500	190	2550	150	330	200	28-4-30	5	3450x1300x2100			
MRPB2580	80	2500	4X2500	5x2000	190	2050	150	330	200	35-5-43	7.5	2800x1650x2400			
MRPB3080	80	3050	3X3000	4x2500	190	2550	150	330	200	35-5-43	7.5	3450x1650x2400			
MRPB25100	100	2500	5X2500	6x2000	190	2050	150	330	200	35-5-43	7.5	2800x1650x2400			
MRPB30100	100	3050	4X3000	5x2500	190	2550	150	330	200	35-5-43	7.5	3450x1650x2400			
MRPB40100	100	4050	3X4000	4x3000	250	3250	150	330	200	35-5-43	7.5	4350x1750x2400			
MRPB25125	125	2500	6X2500	8x2000	250	2150	150	350	300	35-4-38	10	2850x1750x2600			
MRPB30125	125	3050	5X3000	6x2500	250	2650	150	350	300	35-4-38	10	3450x1750x2600			
MRPB40125	125	4050	4X4000	5x3000	250	3250	150	350	300	35-4-38	10	4300x1750x2600			
MRPB25160	160	2500	8X2500	10x2000	300	2150	150	350	300	32-4-38	15	2850x1900x2700			
MRPB30160	160	3050	6X3000	8x2500	300	2650	150	350	300	32-4-39	15	3450x1900x2700			
MRPB40160	160	4050	5X4000	6x3000	300	3250	150	350	300	32-5-39	15	4450x1900x2700			
MRPB25200	200	2500	10X2500	12x2000	300	2150	200	400	300	32-6-33	20	2950x2150x2850			
MRPB30200	200	3050	8X3000	10x2500	300	2650	200	400	300	32-6-33	20	3450x2150x2850			
MRPB40200	200	4050	6X4000	8x3000	300	3250	200	400	300	32-6-33	20	4450x2150x2850			
MRPB30250	250	3050	10X3000	12x2500	350	2650	200	400	300	32-5-39	25	3450x2200x2900			
MRPB40250	250	4050	8X4000	10x3000	350	3250	200	400	300	32-5-39	25	4450x2200x2900			
MRPB30300	300	3050	12X3000	15x2500	350	2650	200	400	300	28-5-33	30	3450x2250x3000			
MRPB40300	300	4050	10X4000	12x3000	350	3250	200	400	300	28-4-31	30	4450x2250x3000			
MRPB30400	400	3050	16X3000	20x2500	350	2650	250	500	350	28-4-31	40	3450x2300x3100			
MRPB40400	400	4050	12X4000	16x3000	350	3250	250	500	350	28-4-31	40	4450x2300x3100			



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