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HYDRULIC PRESS BREAK MACHINE

HYDRULIC PRESS BREAK MACHINE

Model	Tonnage	Table Length	Bending Capacity (approx.) mm	Table width	Clear Pass	Ram Stroke	Open Height	Throat Depth	Approach Pressing Return	Power	Packing Dimension (L x W x H)
CBT 215	20	1500	1.6x1500 2x1250	125	1050	100	250	100	35-9-35	3	1700 x 1050 x 1900
CBT 320	30	2000	2x2000 3x1250	125	1550	100	250	200	30-7-30	3	2200 x 1150 x 1900
CBT 420	40	2000	2.5x2000 3x1500	180	1550	100	250	200	40-8-40	5	2200 x 1150 x 1800
CBT 425	40	2500	2x2500 3x1500	180	2050	100	250	200	40-8-40	5	2200 x 1150 x 1900
CBT 515	50	1500	4x1500 5x1250	180	1050	100	250	200	35-7-35	5	1700 x 1150 x 1900
CBT 520	50	2000	3x2000 4x1500	180	1550	100	250	200	35-7-35	5	2200 x 1150 x 1900
CBT 525	50	2500	2.5x2500 3x2000	180	2050	100	250	200	35-7-35	5	2700 x 1150 x 1900
CBT 625	65	2500	3x2500 4x2000	180	2050	150	330	200	32-5-32	5	2700 x 1200 x 2000
CBT 630	65	3000	2.5x3000 3x2500	180	2550	150	330	200	32-5-32	5	3350 x 1200 x 2000
CBT 820	80	2000	5x2000 6x1500	180	1550	150	330	200	40-6-46	7.5	2200 x 1550 x 2100
CBT 825	80	2500	4x2500 5x2000	180	2050	150	330	200	40-6-46	7.5	2700 x 1550 x 2300
CBT 830	80	3000	3x3000 4x2500	180	2550	150	330	200	40-6-46	7.5	3350 x 1550 x 2300
CBT 840	80	4000	2.5x4000 3x3000	180	3100	150	330	200	40-6-46	7.5	4350 x 1650 x 2500
CBT 1025	100	2500	5x2500 6x2000	180	2050	150	330	200	43-6-48	10	2700 x 1550 x 2300
CBT 1030	100	3000	4x3000 5x2500	180	2550	150	330	200	43-6-48	10	3350 x 1550 x 2300
CBT 1040	100	4000	3x4000 4x3000	180	3100	150	330	200	43-6-48	10	4250 x 1650 x 2300
CBT 1225	125	2500	6x2500 8x2000	230	2050	150	350	300	38-6-65	15	2750 x 1650 x 2500
CBT 1230	125	3000	5x3000 6x2500	230	2550	150	350	300	38-6-65	15	3350 x 1650 x 2500
CBT 1240	125	4000	4x3500 5x3000	230	3100	150	350	300	38-6-65	15	4250 x 1650 x 2500
CBT 1625	160	2500	8x2500 10x2000	230	2050	150	350	300	32-6-55	15	2750 x 1800 x 2600
CBT 1630	160	3000	6x3000 8x2500	230	2550	150	350	300	32-6-55	15	3350 x 1800 x 2600
CBT 1640	160	4000	5x4000 6x3000	230	3100	150	350	300	32-6-55	15	4350 x 1800 x 2600
CBT 2025	200	2500	10x2500 12x2000	230	2050	200	400	300	32-6-50	20	2850 x 1900 x 2600
CBT 2030	200	3000	8x3000 10x2500	230	2550	200	400	300	32-6-50	20	3350 x 2050 x 2750
CBT 2040	200	4000	6x4000 8x3000	230	3100	200	400	300	32-6-50	20	4350 x 2050 x 2750
CBT 2530	250	3000	10x3000 12x2500	300	2550	200	400	300	30-5-40	20	3350 x 2100 x 2800
CBT 2540	250	4000	8x4000 10x3000	300	3100	200	400	300	30-5-40	20	4350 x 2000 x 2800
CBT 3030	300	3000	12x3000 15x2500	300	2550	200	400	300	30-6-40	25	3350 x 2150 x 2900
CBT 3040	300	4000	10x3500 12x3000	300	3100	200	400	300	30-6-40	25	4350 x 2150 x 2900
CBT 4030	400	3000	16x3000 20x2500	300	2550	250	500	350	25-5-40	30	3350 x 2200 x 3000

Standard Accessories

- ➔ Main Drive Motor
- ➔ Electric Control panel with selection of "AUTO" "INCH" & "SINGLE CYCLE AUTO" mode operation
- ➔ Movable Work Station with fool switch.
- ➔ Pair of lifting links
- ➔ Pair of sheet support
- ➔ Fine stroke adjustment rod with limit switch
- ➔ Manual back gauge with micro setting one suitable five way Die & Punch of EN-31
- ➔ Centralized lubrication system with flow control valve for proper lubrication. (Short Lub.)

Optional Accessories

- ➔ N.C. Operated Stroke control
- ➔ N.C. Operated back gauge & stroke control
- ➔ Sliding shreet support with Swing away stoppers
- ➔ Motorised back guage with DRO
- ➔ Higher throat depth
- ➔ Multiple throat depth
- ➔ Multiple depth setting arrangement
- ➔ First fill of hydraulic oil.

Other Product Range

- ➔ Power Presses
- ➔ Mech. Press Brakes & Shears
- ➔ Hy. Shearing Machines
- ➔ Hy. Deep Drawing Presses
- ➔ Hy. Straightening Presses
- ➔ Special Purpose Sheet Metal Machineries

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HYDRAULICE PIPE BENDING MACHINE

HYDRAULICE PIPE BENDING MACHINE

All Models of **CBT** section bending machiners are designed & built according to the latest technology & experience the field of last 20 years. The Material & components used are thoroughly tested in all practical bending situations and with **CBT** section bending machine the bending operation can be carried out with a minimum of manual efforts.

The main frame of the machine is of all steel welded construction, heavily proportional and welded to a structural steel base, stress relieved and machined. All three rolls are made out of alloy steel, heat treated, All shafts, pinions & gears are also from alloy steel, rotating on high dynamic load spherical roller bearing, Rolls are driven by a special designed gear box Electric Brake Motor or Hydraulic Motor (whichever is suitable). The two lower rolls are adjustable through individual gear box & brake motor or through hydraulic cylinders. The hydraulic unit is protected against over-load and Non-return valves elements the possibilities of lower, changing position during the bending operations.

The Drive & Method rolls adjustment of **CBT** section bending machine give them a unique & universal range of capacities with pre bending of both the leading and trailing edges without the need to remove and turn the section being bent and with a minimum of losses in material. All operations are carried out by Portable push button type movable control desk. Machine are available in two different versions i.e.

ELECTRO - MECHANICAL:- suitable to bend light & medium duty sections, lower roll adjustment are through individual Gear box & electric brake Motor, and

HYDRO - MECHANICAL:- suitable to bend heavy duty sections, lower rolls adjustment are through hydraulic power pack unit & individual hydraulic cylinders.

Prof. No.	ELECTRO-MECHANICAL [LIGHT DUTY]		HYDRO-MECHANICAL [LIGHT DUTY]		HYDRO-MECHANICAL [LIGHT DUTY]		HYDRO-MECHANICAL [LIGHT DUTY]	
	TSB-30 LEM	TSB-40 LEM	TSB-50 LEM	TSB-60 LEM	TSB-80 LEM	TSB-100 LEM	TSB-130 LEM	TSB-150 LEM
1	30x5 ø350	40x5 ø450	50x6 ø600	60x6 ø650	80x8 ø900	100x12 ø1100	130x12 ø1300	150x16 ø1600
2	25x5 ø350	35x5 ø450	40x5 ø400	50x5 ø500	70x6 ø700	90x10 ø1000	100x12 ø1100	120x12 ø1500
3	30x5 ø350	40x5 ø450	50x50 ø500	60x60 ø600	80x80 ø800	100x100 ø1000	130x130 ø1200	150x150 ø1600
4	20x20 ø350	35x5 ø450	40x40 ø500	50x50 ø600	70x70 ø800	80x80 ø1100	100x100 ø1200	140x140 ø1600
5	30x30 ø500	40x5 ø450	50x50 ø600	60x60 ø700	80x80 ø900	100x100 ø1200	130x130 ø1300	150x150 ø1800
6	30x20 ø350	40x20 ø450	50x25 ø400	75x40 ø600	100x50 ø700	125x65 ø850	150x75 ø900	200x75 ø1200
7	30x20 ø450	35x20 ø550	50x25 ø500	70x40 ø750	100x50 ø900	100x20 ø1000	150x75 ø1200	200x75 ø1400
8	35x8 ø350	40x8 ø350	50x8 ø400	60x10 ø450	75x15 ø700	125x35 ø800	125x25 ø1250	150x25 ø1400
9	40x12 ø300	50x12 ø450	63x16 ø400	75x20 ø500	100x25 ø650	50x50 ø750	150x50 ø1000	200x40 ø1500
10	20x20 ø220	22x22 ø400	25x25 ø300	32x32 ø400	45x45 ø500	100x12 ø1100	63x63 ø800	75x75 ø1200
11	ø22 ø400	ø22 ø350	ø25 ø300	ø32 ø380	ø45 ø550	ø50 ø750	ø63 ø900	ø75 ø1200
12	30x1.5 ø400	40x1.5 ø450	50x1.5 ø500	60x2 ø600	75x2 ø1500	100x3 ø2800	125x4 ø3000	150x5 ø5000
13	30.5x2.3	40.4x2.3ø450	42.4x3.5ø450	48.3x4 ø500	63x4.5 ø750	75x5 ø1200	100x5 ø1600	150x6 ø2200
14	30x20x2	35x20x2	40x25x2	60x25x3	80x40x4		140x50x5	180x70x8
15	25x25x2	30x30x2	35x35x2	45x45x3	60x60x4		90x90x6	100x100x8
16	.....	.....	.....	.....	.....	100x50 ø1000	125x75 ø1200	150x80 ø2200
17	.....	.....	.....	.....	.....	100x50x2200	125x65x2800	150x80x5000
18	.....	.....	.....	.....	.....	100x50x2200	125x75x2600	150x80x4000
TOTAL	2 H.P.	2 H.P.	.....	.....	.....	.....	.....	.....
POWER	4 H.P.	4 H.P.	4.5 H.P.	4.5 H.P.	7 H.P.	15 H.P.	25 H.P.	40 H.P.

[1] Capacity:- mild steel of tensile strength 42Kg./mm **[2]** All dimension are in mm. **[3]** Minimum diameter obtainable with profiles are reduced dimension, not less then 1.5 times roll dia. **[4]** Capacity not mention in above data table are available on request or demand. **[5]** We reserve the right to modify the design, system, construction, dimension, weight, HP, Hydraulic Tonnage & other specification of our machine without any prior notice.

STANDARD EQUIPMENT:- [A] Three power rolls [only one set of standard roll, suitable/ required by the customer is supplied with the machine] [B] Side guide roll. [C] Hand operated push button type movable control switch/ desk.

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HYDRAULICE SHEARING MACHINE

HYDRAULICE SHEARING MACHINE

Model No.	Cutting Lentgh mm	Shearing Capacity Thickness mm				Nominal rake	Rakeangle Range	Stroke per min		No. of Holddowns	Holding Force Kgs.	Power H.P.	Packing Dimension mm (L x W x H)
		M.S.		S.S.				Min.rake angle	Max.rake angle				
		Nominal rake	Max.rake angle	Nominal rake	Max.rake angle								
CBT 320	2000	3.15	4	2	3.15	1°15'	0.5-3°	20	11	11	2000	3	3200x1850x1950
CBT 325	2500	3.15	4	2	3.15	1°15'	0.5-3°	25	13	13	2300	5	3200x1850x1950
CBT 330	3000	3.15	4	2	3.15	1°15'	0.5-3°	21	9	16	2600	5	3700x1850x1950
CBT 340	4000	3.15	4	2	3.15	1°15'	0.5-3°	12	6	22	3200	7.5	4700x1950x2050
CBT 415	1500	4	6	3	4	1°37'	0.5-3°	25	13	8	4500	7.5	2250x1850x2050
CBT 420	2000	4	6	3	4	1°37'	0.5-3°	23	11	11	6200	7.5	2750x1850x2050
CBT 425	2500	4	6	3	4	1°37'	0.5-3°	21	8	13	8000	7.5	3300x2250x2400
CBT 430	3000	4	6	3	4	1°37'	0.5-3°	21	10	16	10000	10	3700x2250x2400
CBT 440	4000	4	6	4	4	1°37'	0.5-3°	20	6	20	12000	10	4500x2250x2400
CBT 615	1500	6	8	4	6	1°45'	0.5-3°	22	8	8	6500	10	2250x1900x2100
CBT 620	2000	6	8	4	6	1°45'	0.5-3°	20	7	11	6500	10	2750x1900x2200
CBT 625	2500	6	8	4	6	1°45'	0.5-3°	24	8	13	8500	15	3300x2250x2500
CBT 630	3000	6	8	6	6	1°45'	0.5-3°	22	6	16	10800	15	3800x2250x2500
CBT 640	4000	6	8	6	6	1°45'	0.5-3°	24	6	20	13600	20	4800x2250x2500
CBT 815	1500	8	10	6	8	2°	0.5-3°	15	8	8	10500	10	2250x2050x2200
CBT 820	2000	8	10	6	8	2°	0.5-3°	18	8	11	12000	15	2750x2050x2200
CBT 825	2500	8	10	6	8	2°	0.5-3°	20	8	13	16500	20	3300x2350x2600
CBT 830	3000	8	10	6	8	2°	0.5-3°	18	6	16	18500	20	3800x2350x2600
CBT 840	4000	8	10	6	8	2°	0.5-3°	18	8	20	23000	30	4800x2350x2600
CBT 1015	1500	10	13	8	10	2°	0.5-3°	14	6	8	10500	10	2250x2050x2300
CBT 1020	2000	10	13	8	10	2°	0.5-3°	18	8	11	13000	15	2750x2050x2300
CBT 1025	2500	10	13	8	10	2°	0.5-3°	15	8	13	17500	20	3300x2500x2800
CBT 1030	3000	10	13	8	10	2°	0.5-3°	12	6	16	20000	20	3800x2500x2800
CBT 1040	4000	10	13	8	10	2°	0.5-3°	13	6	20	25000	30	4800x2500x2800
CBT 1320	2000	13	16	10	13	2°	1-3°	15	8	11	160000	25	2850x2500x2700
CBT 1325	2500	13	16	10	13	2°	1-3°	13	6	13	20000	25	3350x2600x2800
CBT 1330	3000	13	16	10	13	2°	1-3°	11	6	16	25000	25	3800x2600x2800
CBT 1340	4000	13	16	10	13	2°	1-3°	9	4	20	25000	30	4850x2200x2800
CBT 1620	2000	16	20	13	16	2°	1-3°	18	6	11	20000	30	3000x2500x2800
CBT 1625	2500	16	20	13	16	2°	1-3°	15	5	13	25000	30	3500x2600x2900
CBT 1630	3000	16	20	13	16	2°	1-3°	12	5	16	28000	30	4000x2600x2900
CBT 1640	4000	16	20	13	16	2°	1-3°	9	4	20	30000	30	5100x2750x2900
CBT 2025	2500	20	25	16	20	2°	1-3°	12	5	13	28000	40	3500x2750x3000
CBT 2030	3000	20	25	16	20	2°	1-3°	11	5	16	35000	40	4000x2750x3000
CBT 2040	4000	20	25	16	20	2°	1-3°	9	4	20	40000	50	5100x2800x3000
CBT 2525	2500	25	30	20	24	2°	1-3°	10	4	16	36000	60	3600x2900x3000
CBT 2530	3000	25	30	20	24	2°	1-3°	8	4	18	45000	60	4000x2900x3000
CBT 2540	4000	25	30	20	24	2°	1-3°	7	4	20	50000	75	5100x2900x3200

Standard Accessories

● Main Drive motor ● Electric Control Panel ● Operational Panel ● Operational Console ● Pre selector switch to adjust rake angle ● Lever operated blade clearance with calibration ● Fine stroke adjustment rod with limit switch ● Front sheet support ● Squaring arm on right end with steel rule ● Hardened transfer bar mounted on table ● Hold down cylinders ● Shadow light Indicator ● Four edge HC HCR blade ● Interchangeable & suitable to shear mild and St. Steel (S.S.) ● Manual back gauge

Optional Accessories

Motorised back gauge with DRO Second squaring arm on left side Front support with roller according to required length Rear sheet support Ball transfer table Degree protector for angular cutting Stroke counter Design with throat depth First fill of hydraulic oil

Other Product Range

● Power Presses ● Mech. Press Brakes & shears ● Hy. Press Brake Machines ● Hy. Deep Drawing Presses ● Hy. Straightening Presses ● Special Purpose Sheet Metal Machineries

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**MECHANICAL SHEARING
MACHINE**

MECHANICAL SHEARING MACHINE

MECHANICAL GUILLOTINE UNDER CRANKE SHEARING MACHINE

Model No.	Max. Cutting Capacity	Width of Table	Height of Table	Max. Back Gauge	Max. Front Gauge	Stroke per Minute	Motor Drive H.P.	Cutting Knives Size		
								L	W	T
CBT - 01	1270 x 2	380	810	600	625	50	2	1250	50	15
CBT - 02	1600 x 2	380	810	600	625	50	2	1600	50	15
CBT - 03	2030 x 2	380	810	600	625	50	3	2030	50	15
CBT - 04	2540 x 2	380	810	600	625	45	5	2540	63	15
CBT - 05	3150 x 2	380	810	600	625	43	5	3150	63	18
CBT - 06	1270 x 4	425	825	600	625	50	5	1270	63	18
CBT - 07	1600 x 4	425	825	600	625	50	5	1600	63	18
CBT - 08	2030 x 4	425	825	600	625	50	5	2030	63	18
CBT - 09	2540 x 4	425	825	600	625	45	7.5	2540	70	20
CBT - 10	3150 x 4	425	825	600	625	45	7.5	3150	70	20

MECHANICAL GUILLOTINE OVER CRANKE SHEARING MACHINE

Model No.	Max. Cutting Capacity	Width of Table	Height of Table	Max. Back Gauge	Max. Front Gauge	Stroke per Minute	Motor Drive H.P.	Cutting Knives Size		
								L	W	T
CBT - 01	1270 x 6	525	850	1000	750	35	7.5	1270	70	20
CBT - 02	1600 x 6	525	850	1000	750	30	7.5	1600	70	20
CBT - 03	2030 x 6	525	850	1000	750	30	7.5	2030	70	20
CBT - 04	2540 x 6	525	850	1000	750	30	10	2540	70	20
CBT - 05	3150 x 6	525	850	1000	750	30	10	3150	70	20
CBT - 06	1270 x 8	525	850	1000	750	35	7.5	1270	75	20
CBT - 07	1600 x 8	525	850	1000	750	30	7.5	2600	75	20
CBT - 08	2030 x 8	525	850	1000	750	30	10	2030	75	20
CBT - 09	2540 x 8	525	850	1000	750	30	10	2540	75	20
CBT - 10	3225 x 8	525	850	1000	750	30	12	3150	75	20
CBT - 11	1270 x 10	525	850	1000	750	30	10	1270	100	25
CBT - 12	1600 x 10	525	850	1000	750	30	10	1600	100	25
CBT - 13	2030 x 10	525	850	1000	750	30	12	2030	100	25
CBT - 14	2540 x 10	525	850	1000	750	30	15	2540	100	25
CBT - 15	3150 x 10	525	850	1000	750	30	15	3120	100	25

"TEZ POWER" Shearing Machine have designed and developed through structural analysis technique for Continuous Production and accuracy.

CONSTRUCTION

All "TEZ POWER" Guillotine shears are fabricated from is-226 grade, Rolled steel plates, table and cutting Beam are deeply reinforced and finish machined after stress relieving. The interlocked design put the direct support to frame, Thus Frame is strain free and eliminates welds at load supports. Thus the Accuracy of the Machine is never disturbed.

HOLD DOWN SYSTEM

All shears are provided with spring loaded Holding pads. Ail spring loaded pads maintains a positive and Uniform pressure along the full length of the work piece preventing slippage, regardless of the thickness variations,

CLUTCH AND BRAKE

The all shears are provided with Rolling Key Type clutch, from alloy steel. The clutch is gives conunuous stroke for mass production. Brake is provided on the main shaft sufficient adjustment to increase the performance and accuracy.

Standard Accessories

- ➔ A Pair it four edge shear blade (Mounted on the Machine)
- ➔ Front Gauge (Arms)
- ➔ Side Squaring arms.
- ➔ Finger Guards
- ➔ Motor Pulley
- ➔ Back Gauge

Other Product Range

- ➔ Mech. Power Presses & Press Brakes
- ➔ Hy. Press Brake Machines
- ➔ Hy. Shearing Machines
- ➔ Hy. Staighting Presses
- ➔ Special Purpose Sheet Metal Machineries

Optional Accessories

- ➔ Motor Stater
- ➔ V.Belt
- ➔ Extra set of Blades
- ➔ Foundation Bolt
- ➔ Stroe Counter.
- ➔ Centralised Lubrication System.

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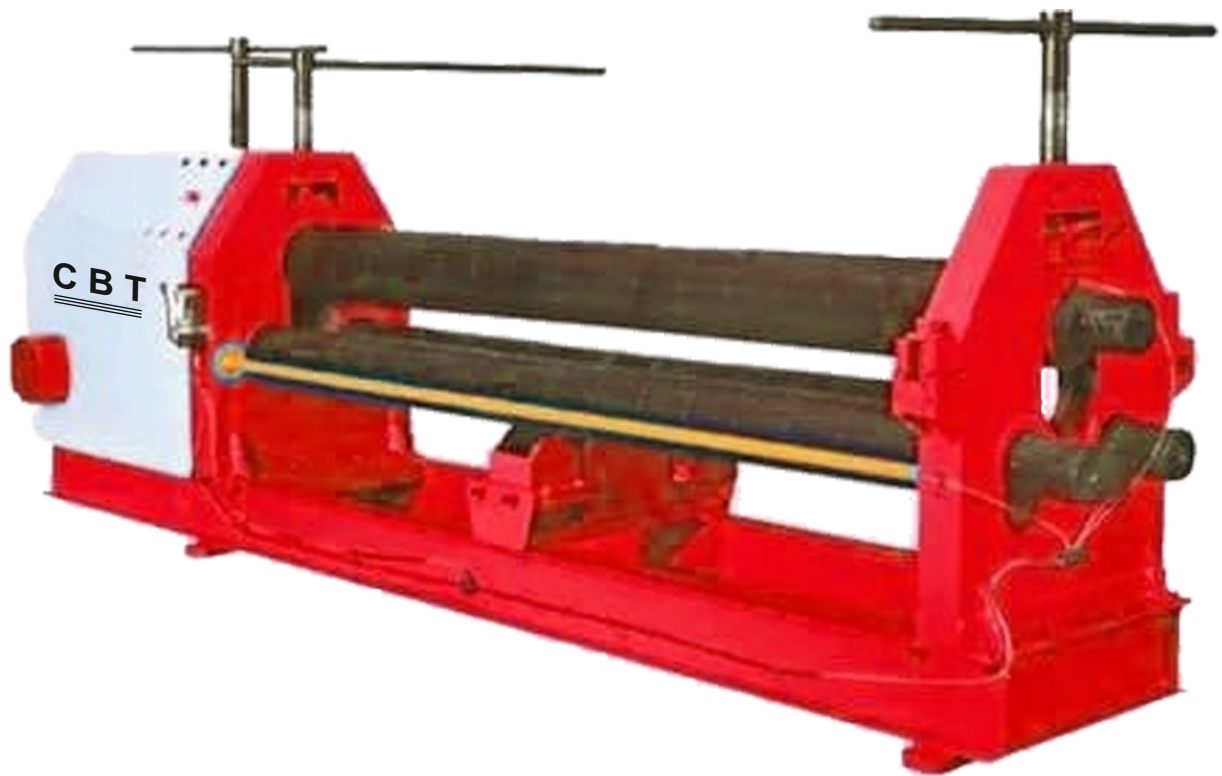
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Mechanical Plate Bending Machine

Mechanical Plate Bending Machine

- Easy to maintain and useful for various Jobs.
- Modern design and rigid structure.
- So simple mechanism that even semi-skilled worker can do accurate job.
- Very useful for getting Cylindrical shapes and better performance. It works with 3 Rolls Pyramid principals. Bottom rolls are fixed and driven by Gears and worm Reduction Gear Box. Top roll rotates in fixed position and can be adjusted up & down manually by adjustable screws, in mechanical version and by Hydraulic system & cylinder in Hydro mechanical version.
- Housing are made from M. S. Plate of suitable strength and mounted on heavy base frame, Rolls are from forged steel and perfectly machined for accurate result. For correct feeding and grip axial grooves are provided on bottom rolls. Screw jack / extra Hydraulic cylinder is given to keep top roll horizontal when formed shell is to take out.
- Our machines are fitted with Electric Brake Motor and Movable Control Panel, so that machine can be stopped at any stage of operation, hence the shape in rolling as per requirement is most possible and due to the movable control panel machine can be operated very easily.
- Machine is fitted with total 2 nos. Gear Box, Electric Brake Motor, Push Button type Movable operating switch board and Electric control panel for easy & safe operation.
- First time in india, we only offer the machine with double Gear box, one is worm gear box and another is spur reduction gear box due to this fatigue in operation and overload on electric motor & worm reduction gear box is totally avoided even when machine is working in over capacity and more over bending operation become more easy.
- Whole machine is made out of quality prime materials.
- Only Top Roll Pressing (Up-Down) and opening - closing of drop - end are through hydraulic system & cylinders all other operations are carried out mechanically in hydro-dropper is manual or motorized.
- Hydro-Mechanical Machine required less man power compare to mechanical version, the same directly Effect your production rate and finish job value.
- Apart from above the rates are more competitive in this range.

Model No.	Capacity mm.	Roll Dia. mm.	Main Drive H.P.	End. Dropper H.P.
CBT 10:04	1000 x 4mm	105/100	3.00	Manual
CBT 12:04	1250 x 4mm	115/105	3.00	Manual
CBT 15:04	1500 x 4mm	125/110	5.00	0.75
CBT 20:04	2000 x 4mm	135/115	5.00	1.00
CBT 25:04	2500 x 4mm	170/145	7.50	1.00
CBT 30:04	3000 x 4mm	180/150	7.50	1.00
CBT 10:06	1000 x 6mm	130/105	3.00	0.75
CBT 12:06	1250 x 6mm	135/110	3.00	0.75
CBT 15:06	1500 x 6mm	160/135	5.00	1.00
CBT 20:06	2000 x 6mm	170/140	7.50	1.00
CBT 25:06	2500 x 6mm	185/155	10.00	1.50
CBT 30:06	3000 x 6mm	220/180	10.00	1.50
CBT 12:10	1250 x 10mm	160/135	5.00	1.00
CBT 15:10	1500 x 10mm	170/140	7.50	1.00
CBT 20:10	2000 x 10mm	220/165	10.00	1.50
CBT 25:10	2500 x 10mm	220/165	10.00	1.50
CBT 30:10	3000 x 10mm	245/225	20.00	1.50
CBT 12:12	1250 x 12mm	185/140	7.50	1.00
CBT 15:12	1500 x 12mm	185/155	10.00	1.00
CBT 20:12	2000 x 12mm	215/170	10.00	1.50
CBT 25:12	2500 x 12mm	240/180	15.00	1.50
CBT 30:12	3000 x 12mm	260/225	20.00	1.50

Model No.	Capacity mm.	Roll Dia. mm.	Main Drive H.P.	End. Dropper H.P.
CBT 12:16	1250 x 16mm	205/165	10.00	1.00
CBT 15:16	1500 x 16mm	220/170	10.00	1.00
CBT 20:16	2000 x 16mm	230/180	10.00	1.50
CBT 25:16	2500 x 16mm	250/210	20.00	2.00
CBT 30:16	3000 x 16mm	290/220	25.00	2.00
CBT 12:20	1250 x 20mm	220/170	10.00	1.50
CBT 15:20	1500 x 20mm	240/190	12.50	1.50
CBT 20:20	2000 x 20mm	260/220	15.00	2.00
CBT 25:20	2500 x 20mm	275/215	20.00	3.00
CBT 30:20	3000 x 20mm	290/250	25.00	3.00
CBT 12:25	1250 x 25mm	260/220	15.00	1.50
CBT 15:25	1500 x 25mm	275/230	20.00	1.50
CBT 20:25	2000 x 25mm	290/250	20.00	2.00
CBT 25:25	2500 x 25mm	310/260	30.00	3.00
CBT 30:25	3000 x 25mm	330/275	40.00	3.00
CBT 12:30	1250 x 30mm	280/220	15.00	1.50
CBT 15:30	1500 x 30mm	290/230	20.00	2.00
CBT 20:30	2000 x 30mm	320/250	25.00	2.00
CBT 25:30	2500 x 30mm	350/260	30.00	3.00
CBT 30:30	3000 x 30mm	360/330	40.00	3.00

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maximum force | maximum rigidity | maximum yield



Mechanical Power Press Machine

Mechanical Power Press Machine

“TEZ POWER” Brand heavy-duty gap frame “C” Type presses are available in Capacities of 10 Tons to 250 Tons in Single Geared, Double Geared, Ungeared, Inclined and Non-Inclined Models.

Description	10 Tons	20 Tons	30 Tons	50 Tons	75 Tons	100Tons	150 Tons	200 Tons	250 Tons
Crank Shaft Dia.	63	76	83	95	115	127	152	178	190
Stroke Adjustment	6-51	13-63	13-76	13-102	13-115	13-127	13-152	13-178	13-190
Slide Adjustment	25	25	25	40	50	60	60	70	70
Hole in Ram	25	32	38	51	51	55	55	63	63
Hole in Bed	76	89	102	127	178	191	203	216	216
Length & Width of Bed	406x254	457x305	508x381	660x406	711x508	813x558	914x610	965x660	1067x711
Bed to Ram Dist.	225	300	300	350	400	425	450	475	500
Stroke per Minute Double Geared	-	50	40	30	-	-	-	-	-
S. Geared (S.P.M.)	80	55	55	50	50	45	40	30	30
Ungeared (S.P.M.)	130	115	115	90	-	-	-	-	-
H.P./Rpm Ungeared	1/960	2/960	3/960	5/960		-	-		
H.P./Rpm Geared	1/1440	2/1440	3/1440	5/1440	7.5/1440	10/1440	15/1440	20/144	25/1440
Floor to Top of Bed	730	815	815	900	915	915	915	-	-
Weight Approx. Kg.	625	1100	1450	2600	4000	4000	6500	11000	12500

PILLER TYPE POWER PRESS

“TEZ POWER”, Brand Heavy-duty steel Plate Fabricated, straight sided presses are available in Capacities of 30 Tons to 300 Tons in single-double geared.

Description	30 Tons	50 Tons	75 Tons	100 Tons	150 Tons	200 Tons	250 Tons	300 Tons
Crank Shaft Dia.	83	95	115	127	152	178	190	203
Stroke Adjustment	13-76	13-102	13-115	13-127	13-152	13-178	13-190	13-203
Slide Adjustment	25	40	50	60	60	70	70	76
Hole in Ram	38	51	51	55	55	63	63	76
Hole in Bed	102	127	178	191	203	216	216	254
Length & Width of Bed	508x559	560x610	610x762	660x813	711x914	762x965	812x1016	915x1016
Bed to Ram Dist.	300	350	400	425	450	475	500	555
Stroke per Minute Single Geared	55	50	50	45	40	30	30	25
Stroke per Minute Double Geared	40	30	-	-	-	-	-	-
H.P. Req'd./Rpm 1440	3	5	7.5	10	15	20	25	30
Floor to Top of Bed	815	900	915	915	915	915	915	915
Weight Approx. Kg.	1375	2500	3875	5500	6000	10000	12000	14000

Standard Accessories

- ➔ Manual lubrication system
- ➔ Bolster
- ➔ Foot treadle
- ➔ Flywheel guard and gear guard
- ➔ Tommy bar
- ➔ Knock-out bar for 50 ton and above
- ➔ Screw s panner

Other Product Range

- ➔ Mech. Press Brakes & Shears
- ➔ Hy. Press Brake Machines
- ➔ Hy. Shearing Machines
- ➔ Hy. Deep Drawing Presses
- ➔ Hy. Straightening Presses
- ➔ Special Purpose Sheet Metal
- ➔ Machineries

Optional Accessories

- ➔ Electricals (I.E. motor, starter, "V" belts, on-off switch)
- ➔ Stroke counter
- ➔ Inclined mechanism
- ➔ Set of wrenches
- ➔ Feeler gauge
- ➔ Non repeat mechanism
- ➔ Auto lubrication System
- ➔ Table and bolster to suit individual requirement



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**MECHANICAL PRESS
BRAKE MACHINE**

MECHANICAL PRESS BRAKE MACHINE

Model No.	Tonnage	Bending Capacity in mm	Distance Between Housing mm	Throat Dept mm	Stroke per Minute	Ram Stroke Length mm	Shut Height mm	Ram Adjust-ment mm	POWER		Appx. overall Dimensions		
									Main Power H.P.	Ram Adjust-ment mm	LR	FB	HT
MPB 01	25	1600x1.6	1000	225	30	51	200	25	3	0.5	1900	1150	2300
		2030x1.0	1500	225	30	51	200	25	3	0.5	2350	1150	2300
		1600x2.0	1000	225	30	51	200	25	5	0.5	1900	1300	2300
MPB 02	25	2030x1.6	1500	225	30	51	200	25	5	0.5	2350	1300	2300
		2540x1.0	1700	225	30	51	200	25	5	0.5	2850	1300	2300
		1600x3.0	1000	300	30	63	225	40	7.5	1.0	1900	1400	2350
MPB 03	40	2030x2.5	1500	300	30	63	225	40	7.5	1.0	2350	1400	2350
		2540x2.0	1700	300	30	63	225	40	7.5	1.0	2850	1400	2350
		1600x5.0	1000	300	30	76	250	40	7.5	1.5	1900	1500	2400
MPB 04	65	2030x4.5	1500	300	30	76	250	40	7.5	1.5	2350	1500	2400
		2540x3.0	1700	300	30	76	250	40	7.5	1.5	2850	1500	2400
		3125x2.5	1900	300	30	76	250	40	7.5	1.5	3500	1500	2400
		1600x6.0	1000	300	25	76	250	40	10	1.5	2000	1600	2800
MPB 05	80	2030x5.0	1500	300	25	76	250	40	10	1.5	2400	1600	2800
		2540x4.0	1700	300	25	76	250	40	10	1.5	2900	1600	2850
		3125x3.0	1900	300	25	76	250	40	10	1.5	3500	1600	2850
		1600x8.0	1000	300	25	76	250	75	15	1.5	2000	1675	3400
MPB 06	100	2030x6.0	1500	300	25	76	250	75	15	1.5	2400	1675	3400
		2540x5.0	1700	300	25	76	250	75	15	1.5	2900	1675	3400
		3125x4.0	1900	300	25	76	250	75	15	1.5	3500	1675	3400
MPB 07	125	2540x6.0	1700	325	25	76	275	75	20	2.0	2900	1750	3400
		3125x5.0	1900	325	25	76	275	75	20	2.0	3500	1750	3400
MPB 08	150	3125x6.0	1900	325	20	76	275	75	20	2.0	3500	1800	3600
MPB 09	160	2030x10.0	1500	325	20	76	275	75	20	2.0	2400	2000	3600
		2540x8.0	1700	325	20	76	275	75	20	2.0	2900	2000	3600
		2000x12.0	1500	350	20	90	300	75	30	2.0	2400	2000	3900
MPB 10	200	2540x10.0	1700	350	20	90	300	75	30	2.0	3000	2000	3900
		3125x8.0	1900	350	20	90	300	75	30	2.0	3600	2000	3900
MPB 11	250	4000x8.0	2500	350	20	100	300	125	40	3.0	4500	2300	4000

- ➔ Freme is of robust fabricated steel construction of rigid and interlocked design, it is strain-free supports the ram and bed against undesired deflection under permissible loading condition
- ➔ Ram and Bed Made from steel plates of suitable thickness, machined for straightness and parallelism of the working surfaces. Ram is guided and supported throughout the stroke by accurately machined guide ways.
- ➔ Power is transmitted to the ram through two individual gear drives for uniform load distribution throughout the length. This also reduces the torsional stresses on the eccentric shaft. Electric motor used is of sufficient H.P. whic reduces slowdown of flywheel and increases energy available per stroke. The gear and pinion are made out of carbon/alloy steel.
- ➔ Motorised ram adjustment through a simple drive mechanism, facilities quick bending angel adjustment. Angular ram adjust-ment is made simple by incorporating a spring loaded dog clutch.
- ➔ All series of press brakes are provided with High-torque low-inertia friction clutch, synchronized with heavy duty mechanical brake ensuring immediate braking of ram on releasing the pedal.
- ➔ Standard V-block and punch, Back gauge Motor Pully, Pedal, Fly Wheel & Gear Guards, Stroke Counter, Manual Lubrication.
- ➔ Auto Lubrication System, Goose Neck Punch & Other tooling.

- ➔ mech. shears & Power Presses
- ➔ Hy. Press Brake Machines
- ➔ Hy. Shearing Machines
- ➔ Hy. Deep Drawing Presses
- ➔ Hy. Straightening Presses
- ➔ Special Purpose Sheet Metal Machineries

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**HYDRAULICE PLATE BENDING
MACHINE**

HYDRAULICE PLATE BENDING MACHINE

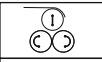
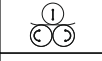
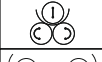
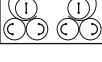
3 Roll standard pyramid type plate bending machines

- ➔ Easy to maintain and useful for various jobs.
- ➔ Modern design and rigid structure.
- ➔ So simple mechanism that even Semi-skilled worker can do accurate job.
- ➔ Very useful for getting Cylindrical shapes and better performance. It works with 3 Rolls pyramid principal. Bottom rolls are fixed and driven by Gears and worm Reduction Gear Box. Top roll rotates in fixed position and can be adjusted up & down manually by adjustable screws, in mechanical version and by Hydraulic system & cylinder in Hydro mechanical version.
- ➔ Housing are made from M. S. plate of suitable strength and mounted on heavy base frame, Rolls are made from forged steel and perfectly machined for accurate result. For correct feeding and grip axial grooves are provided on bottom rolls. Screw jack/extra Hydraulic cylinder is given to keep top roll horizontal when formed shell is to take out.
- ➔ Our machines are fitted with Electric Brake Motor and Movable Control Panel, so that machine can be stopped at any stage of operation, hence the shape in rolling as per requirement is most possible and due to the movable control panel machine can be operated very easily.
- ➔ Machine is fitted with total 2 nos. Gear Box, Electric Brake Motor, Push Button Type Movable operating switch board and Electric control panel for easy & safe operation.
- ➔ We only offer the machine with double Gear box, one is worm Gear box and another is spur reduction gear box, due to this the fatigue in operation and over load on electric motor and worm reduction Gear box is totally avoided even when machine is Working in over capacity and more over bending operation be come more easy.
- ➔ Whole machine is made out of quality prime materials.
- ➔ Only Top Roll Pressing (Up-Down) and opening _closing of drop end are through hydraulic system & cylinders all other operations are carried out mechanically in hydro-mechanical version. In mechanical version Top Roll Pressing is manually by means of screws and opening/closing of end-dropper is manual or motorized.
- ➔ Hydro- Mechanical Machine required less man power compare to mechanical version, the same directly Effect your production rate and finish job value.
- ➔ Apart from above the rates are more competitive in its range.

Model No.	Capacity mm.	Roll Dia. mm.	Main Drive H.P.	End. Dropper H.P.
CBT 10:04	1000x4mm	110/105	3.00	Manual
CBT 12:04	1270x4mm	120/110	3.00	Manual
CBT 15:04	1525x4mm	130/115	5.00	0.75
CBT 20:04	2030x4mm	140/120	5.00	1.00
CBT 25:04	2540x4mm	175/150	7.50	1.00
CBT 30:04	1000x4mm	185/155	7.50	1.00
CBT 10:06	3125x4mm	135/110	3.00	0.75
CBT 12:06	1000x6mm	140/115	3.00	0.75
CBT 15:06	1270x6mm	165/140	5.00	1.00
CBT 20:06	1525x6mm	175/145	7.50	1.00
CBT 25:06	2030x6mm	190/160	10.00	1.50
CBT 30:06	2540x6mm	225/185	10.00	1.50
CBT 12:10	3125x6mm	165/140	5.00	1.00
CBT 15:10	1270x10mm	175/145	7.50	1.00
CBT 20:10	1525x10mm	200/160	10.00	1.50
CBT 25:10	2030x10mm	225/170	10.00	1.50
CBT 30:10	2540x10mm	250/230	20.00	1.50
CBT 12:12	3125x10mm	190/145	7.50	1.00
CBT 15:12	1270x12mm	190/160	10.00	1.00
CBT 20:12	2030x12mm	220/175	10.00	1.50
CBT 25:12	2540x12mm	245/185	15.00	1.50
CBT 30:12	3125x12mm	265/230	20.00	1.50

Model No.	Capacity mm.	Roll Dia. mm.	Main Drive H.P.	End. Dropper H.P.
CBT 12:16	1270x16mm	210/170	10.00	1.00
CBT 15:16	1525x16mm	225/175	10.00	1.00
CBT 20:16	2030x16mm	235/185	10.00	1.50
CBT 25:16	2540x16mm	255/215	20.00	2.00
CBT 30:16	3125x16mm	295/225	25.00	1.50
CBT 12:20	1270x20mm	225/175	10.00	1.50
CBT 15:20	1525x20mm	245/195	12.50	2.00
CBT 20:20	2030x20mm	265/225	15.00	3.00
CBT 25:20	2540x20mm	280/220	20.00	3.00
CBT 30:20	3125x20mm	295/255	25.00	1.50
CBT 12:25	1270x25mm	265/225	15.00	1.50
CBT 15:25	1525x25mm	280/235	20.00	2.00
CBT 20:25	2030x25mm	295/255	20.00	3.00
CBT 25:25	2540x25mm	315/265	30.00	3.00
CBT 30:25	3125x25mm	335/280	40.00	1.50
CBT 12:30	1270x30mm	285/225	15.00	2.00
CBT 15:30	1525x30mm	295/235	20.00	2.00
CBT 20:30	2030x30mm	325/255	25.00	3.00
CBT 25:30	2540x30mm	355/265	30.00	3.00
CBT 30:30	3125x30mm	365/335	40.00	

Steps of Bending Operations

-  The plate can be Bent on machine by hammering as shown if the thickness of the plate is half than rated capacity. Thicker plates should be prebent outside the machine.
-  Place the plate between bottom and top rolls by adjusting top roll manually / hydraulically.
-  Down the top roll and give pressure on the plate. Then start main motor in clock wise direction till one end of the plate comes over first bottom roll reverse the motors and get second end on second bottom.
-  Continue above process until you get desired shape as shown in picture.

(1) All the capacity stated above are related to MILD STEEL of 42 kg. /MM² (2) MAX. Cone Bending capacity possible is 70% of pre-bending thickness. (3) + / - 4% tolerance on all roll diameters. (4) All dimensions are in MM (5) Capacities not mentioned above are available on request & demand. (6) We reserve the right to modify the design, system, construction, dimension, weight, HP, Hydraulic Tonnage & any other specifications of our machine without any prior notice for better performance or machine.

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HYDRULIC PRESS BREAK MACHINE



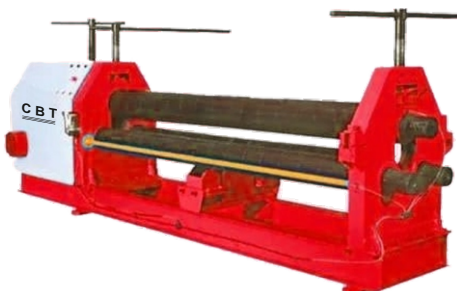
HYDRAULICE PIPE BENDING MACHINE



HYDRAULICE SHEARING MACHINE



MECHANICAL SHEARING MACHINE



Mechanical Plate Bending Machine



Mechanical Power Press Machine



MECHANICAL SHEARING MACHINE



HYDRAULICE PLATE BENDING MACHINE



SECTION BENDING MACHINE

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HAND OPERATED POWER HYDRAULIC PRESS



Capacity in Tonnes	Distance Between Column	Distance Between Ram to Bed	Stroke
5	160 x 400	125 x 500	75
15	200 x 750	150 x 650	100
25	280 x 800	175 x 800	125
40	375 x 950	175 x 900	140
60	425 x 1010	175 x 900	150
75	450 x 1125	175 x 900	150
100	500 x 1200	175 x 900	150
150	600 x 1300	200 x 1000	150

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CNC HYDRAULIC PUNCHING CUTTING MACHINE

SPM MACHINE Customize Size



- ➔ **CE Certificate:** YES
- ➔ **Control:** CNC Automatic
- ➔ **Capacity:** 750 Pcs / 8 hours
- ➔ **Accuracy:** $\pm 0.2\text{mm}$
- ➔ **Quantity of Punching molds:** As per requirement
- ➔ **Max. material thickness:** 4mm (Thickness enlarge as per requirement)
- ➔ **Max. material length:** 6000mm (As per requirement)
- ➔ **Punching rate:** 80-180 Times/min
- ➔ **Driven power:** Hydraulic
- ➔ **Single Cylinder Max. Punching press:** 12 Tons, 15Tons, 20Tons, 25Tons
- ➔ **Whole Machine Max. Hydraulic Press:** 24 Tons, 30 Tons, 40 Tons, 50Tons
- ➔ **Motor Power:** 7.5 Kw / 11Kw / 18.5Kw
- ➔ **Voltage:** 380-415V 3 Phases 50/60Hz Customized
- ➔ **Dimensions:** 6800×1000×1700mm (As per requirement)
- ➔ **Net weight:** About 2000 Kgs
- ➔ **Available materials:** Stainless steel tube, Mild Steel pipe, Iron pipe, aluminium profile, etc.

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TWO WORKSTATIONS CNC PIPE HOLE PUNCHING MACHINE

SPM MACHINE Customize Size



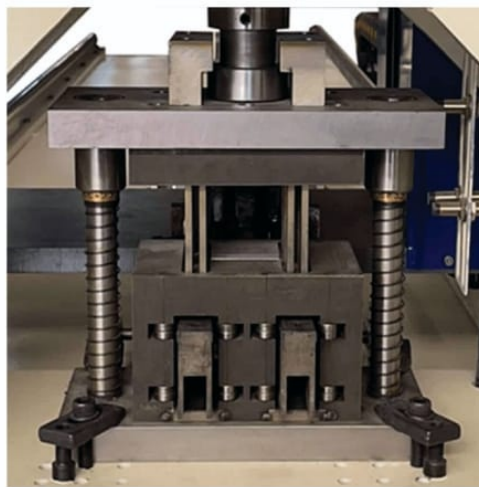
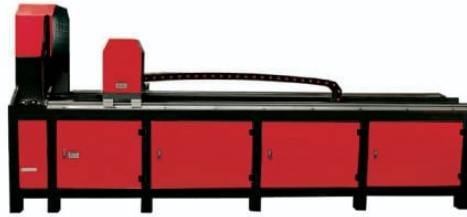
- ➔ **Control:** CNC Automatic
- ➔ **Capacity:** 1500 Pcs / 8 hours
- ➔ **Accuracy:** $\pm 0.2\text{mm}$
- ➔ **Quantity of Punching molds:** As per requirement
- ➔ **Max. material thickness:** 4mm (Thickness enlarge as per requirement)
- ➔ **Max. material length:** 6000mm (As per requirement)
- ➔ **Punching rate:** 80-180 Times/min
- ➔ **Driven power:** Hydraulic
- ➔ **Single Cylinder Max. Punching press:** 12 Tons, 15Tons, 20Tons, 25Tons
- ➔ **Whole Machine Max. Hydraulic Press:** 24 Tons, 30 Tons, 40 Tons, 50Tons
- ➔ **Motor Power:** 7.5 Kw / 11Kw / 18.5Kw
- ➔ **Voltage:** 380-415V 3 Phases 50 / 60Hz Customized
- ➔ **Dimensions:** 6800×1000×1700mm (As per requirement)
- ➔ **Net weight:** About 2000 Kgs
- ➔ **Available materials:** Stainless steel tube, Mild Steel pipe, Iron pipe, aluminium profile, etc.

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RACK SHELVES CNC HYDAULIC PUNCHING MACHINE

SPM MACHINE Customize Size



- ➔ **Control:** CNC Automatic
- ➔ **Capacity:** 750 Pcs / 8 hours
- ➔ **Accuracy:** $\pm 0.2\text{mm}$
- ➔ **Quantity of Punching molds:** As per requirement
- ➔ **Max. material thickness:** 4mm (Thickness enlarge as per requirement)
- ➔ **Max. material length:** 6000mm (As per requirement)
- ➔ **Punching rate:** 80-180 Times/min
- ➔ **Driven power:** Hydraulic
- ➔ **Single Cylinder Max. Punching press:** 12 Tons, 15Tons, 20Tons, 25Tons
- ➔ **Whole Machine Max. Hydraulic Press:** 24 Tons, 30 Tons, 40 Tons, 50Tons
- ➔ **Motor Power:** 7.5 Kw / 11Kw / 18.5Kw
- ➔ **Voltage:** 380-415V 3 Phases 50 / 60Hz Customized
- ➔ **Dimensions:** 6800×1000×1700mm (As per requirement)
- ➔ **Net weight:** About 2000 Kgs
- ➔ **Available materials:** Stainless steel tube, Mild Steel pipe, Iron pipe, aluminium profile, etc.

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PIPE PUNCHING AND CUTTING MACHINE

SPM MACHINE Customize Size



CNC Hydraulic Punching Cutting Machine is an automatic CNC control punching machine, driven by a hydraulic station, integrated hydraulic punching station with the hydraulic cutting station in one. It is used for steel angle bar punching and cutting. There are no metal fillings on hydraulic cutting, and hydraulic cutting is much faster than the band saw cutting. Workers load pipe in punching molds, the pipe will be automatically fed according to setting distance, and automatically punch holes on pipes. All parameters like pipe length, hole quantity, hole distance will be set in the PLC control system, the touchscreen is available in multi-language.

- ➔ **Control:** CNC Automatic
- ➔ **Capacity:** 750 Pcs / 8 hours
- ➔ **Accuracy:** +0.2mm
- ➔ **Quantity of Punching molds:** As per requirement
- ➔ **Max. material thickness:** 4mm (Thickness enlarge as per requirement)
- ➔ **Max. material length:** 6000mm (As per requirement)
- ➔ **Punching rate:** 80-180 Times/min
- ➔ **Driven power:** Hydraulic
- ➔ **Single Cylinder Max. Punching press:** 12 Tons, 15Tons, 20Tons, 25Tons
- ➔ **Whole Machine Max. Hydraulic Press:** 24 Tons, 30 Tons, 40 Tons, 50Tons
- ➔ **Motor Power:** 7.5 Kw / 11Kw / 18.5Kw
- ➔ **Voltage:** 380-415V 3 Phases 50 / 60Hz Customized
- ➔ **Dimensions:** 6800×1000×1700mm (As per requirement)
- ➔ **Net weight:** About 2000 Kgs
- ➔ **Available materials:** Stainless steel tube, Mild Steel pipe, Iron pipe, aluminium profile, etc.

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SINGLE WORKSTATIONS CNC PUNCHING MACHINE

SPM MACHINE
Customize Size



- ➔ **Control:** CNC Automatic
- ➔ **Capacity:** 750 Pcs / 8 hours
- ➔ **Accuracy:** $\pm 0.2\text{mm}$
- ➔ **Quantity of Punching molds:** As per requirement
- ➔ **Max. material thickness:** 4mm (Thickness enlarge as per requirement)
- ➔ **Max. material length:** 6000mm (As per requirement)
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2 IN 1 ANGLE NOTCHING PUNCHING MACHINE

SPM MACHINE
Customize Size



-
- ➔ **Control:** Electric
 - ➔ **Capacity:** 40 actions / min
 - ➔ **Accuracy:** $\pm 0.05\text{mm}$
 - ➔ **Quantity of Punching molds:** 1 Set or More
 - ➔ **Driven power:** Hydraulic
 - ➔ **Motor Power:** 5.5 Kw
 - ➔ **Voltage:** 100-240V / 380-415V 3 Phases 50 / 60Hz Customized
 - ➔ **Dimensions:** 1000×1000×1600mm
 - ➔ **Net weight:** About 700 Kgs

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90 ANGLE PIPE NOTCHING MACHINE

SPM MACHINE
Customize Size



-
- ➔ **Control:** Electric
 - ➔ **Capacity:** 40 actions / min
 - ➔ **Accuracy:** $\pm 0.05\text{mm}$
 - ➔ **Quantity of Punching molds:** 1 Set or More
 - ➔ **Driven power:** Hydraulic
 - ➔ **Motor Power:** 5.5 Kw
 - ➔ **Voltage:** 100-240V / 380-415V 3 Phases 50 / 60Hz Customized
 - ➔ **Dimensions:** 1000×800×1600mm
 - ➔ **Net weight:** About 600 Kgs

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SINGLE WORKSTATIONS HYDAULIC PUNCHING MACHINE



Model	Cylinder Inner Diameter	Moter Power	Tonnage	Max. Punching Thickness	Dimension	Net Weight
RG-M80P1	80mm	3KW	7Tons	1.5mm	70x50x150cm	150Kgs
RG-M100P1	100mm	4KW	12Tons	3mm	80x65x155cm	200Kgs
RG-M120P1	120mm	5.5KW	18Tons	5mm	90x70x160cm	300Kgs
RG-M140P1	140mm	5.5KW	23Tons	8mm	100x70x165cm	400Kgs
RG-M160P1	160mm	7.5KW	30Tons	12mm	120x80x175cm	500Kgs

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TWO WORKSTATIONS HYDAULIC PUNCHING MACHINE



Model	Cylinder Inner Diameter	Moter Power	Tonnage	Max. Punching Thickness	Dimension	Net Weight
RG-M80P2	80mm	3KW	7Tons	1.5mm	70x60x150cm	200Kgs
RG-M100P2	100mm	4KW	12Tons	3mm	80x65x155cm	280Kgs
RG-M120P2	120mm	5.5KW	18Tons	5mm	100x80x160cm	400Kgs
RG-M140P2	140mm	5.5KW	23Tons	8mm	100x86x165cm	500Kgs
RG-M160P2	160mm	7.5KW	30Tons	12mm	120x90x175cm	650Kgs

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THREE WORKSTATIONS HYDAULIC PUNCHING MACHINE



Model	Cylinder Inner Diameter	Moter Power	Tonnage	Max. Punching Thickness	Dimension	Net Weight
RG-M80P3	80mm	3KW	7Tons	1.5mm	90x60x150cm	250Kgs
RG-M100P3	100mm	4KW	12Tons	3mm	90x70x155cm	350Kgs
RG-M120P3	120mm	5.5KW	18Tons	5mm	100x90x160cm	500Kgs
RG-M140P3	140mm	5.5KW	23Tons	8mm	120x100x165cm	600Kgs

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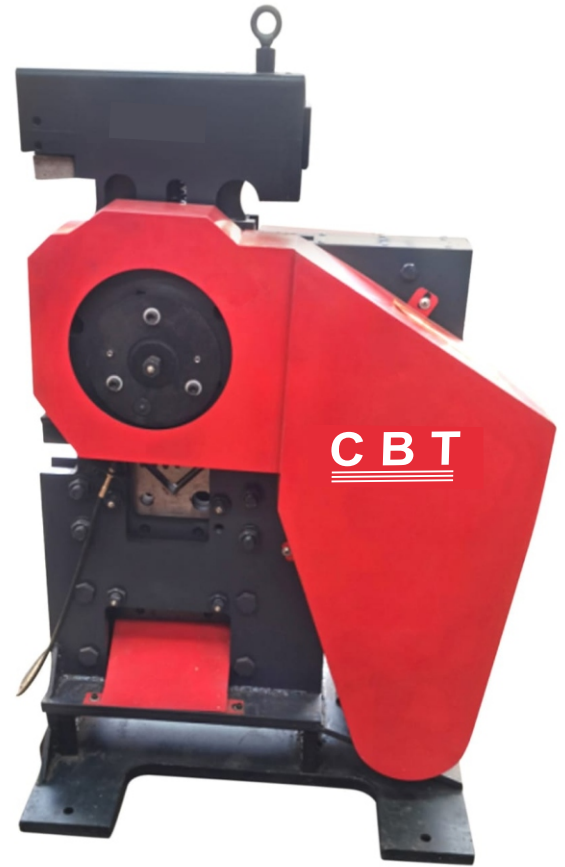
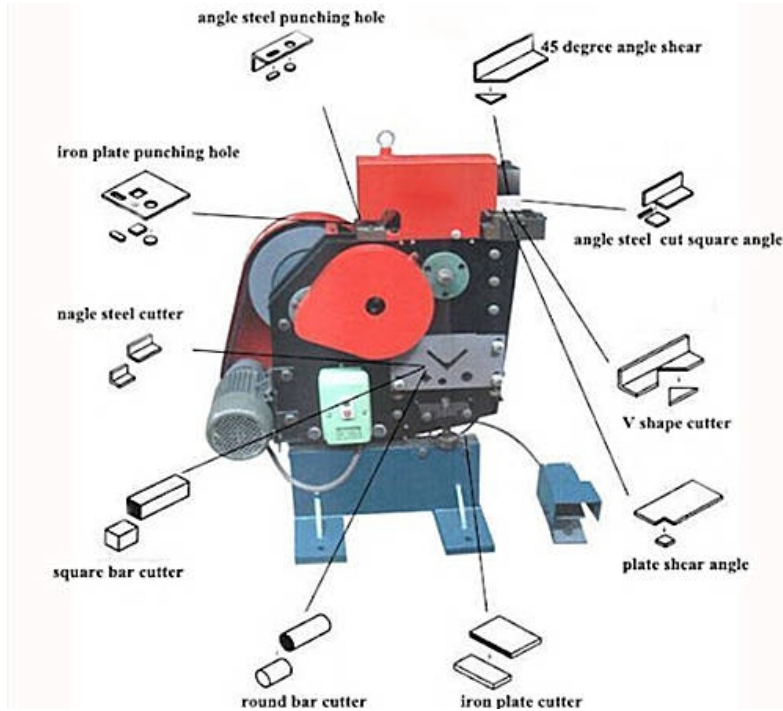
FOUR WORKSTATIONS HYDAULIC PUNCHING MACHINE



Model	Cylinder Inner Diameter	Moter Power	Tonnage	Max. Punching Thickness	Dimension	Net Weight
RG-M80P4	80mm	3KW	7Tons	1.5mm	120x60x150cm	300Kgs
RG-M100P4	100mm	4KW	12Tons	3mm	120x70x155cm	420Kgs
RG-M120P4	120mm	5.5KW	18Tons	5mm	130x90x160cm	600Kgs

Mechanical Iron Work

SPM MACHINE Customize Size



Motor power: 2.2kw

Size: l 80cm * h 110cm * W 60cm

Weight: 500 kg

Processing size: 8mm thick and 15cm wide
steel plate

Punching and shearing station: 4

Diameter of punching and shearing round
steel: 1-25mm

Punching and shearing thickness: 1-6mm

Punching and shearing angle steel: 1-
7.5cm

Punching and shearing channel steel: 1-
10cm

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SECTION BENDING MACHINE



MACHINE TYPE		ELECTRO-MECHANICAL [LIGHT DUTY]				HYDRO-MECHANICAL [LIGHT DUTY]				HYDRO-MECHANICAL [MEDIUM DUTY]				HYDRO-MECHANICAL [HEAVY DUTY]			
PROF. NO.	MODEL NO.	GSB-30 LEM		GSB-40 LEM		GSB-50 LHM		GSB-60 LHM		GSB-80 MHM		GSB-100 MHM		GSB-130 HEM		GSB-150 HEM	
1		30 x 5	Ø 350	40 x 5	Ø 450	50 x 6	Ø 600	60 x 6	Ø 650	80 x 8	Ø 900	100 x 12	Ø 1100	130 x 12	Ø 1300	150 x 16	Ø 1600
2		25 x 5	Ø 350	35 x 5	Ø 450	40 x 5	Ø 400	50 x 5	Ø 500	70 x 6	Ø 700	90 x 10	Ø 1000	100 x 12	Ø 1100	120 x 12	Ø 1500
3		30 x 5	Ø 350	40 x 5	Ø 450	50 x 50	Ø 500	60 x 60	Ø 600	80 x 80	Ø 800	100 x 100	Ø 1000	130 x 130	Ø 1200	150 x 150	Ø 1600
4		20 x 20	Ø 350	35 x 5	Ø 450	40 x 40	Ø 500	50 x 50	Ø 600	70 x 70	Ø 800	80 x 80	Ø 1000	100 x 100	Ø 1200	140 x 140	Ø 1600
5		30 x 30	Ø 500	40 x 5	Ø 450	50 x 50	Ø 600	60 x 60	Ø 700	80 x 80	Ø 900	100 x 100	Ø 1200	130 x 130	Ø 1300	150 x 150	Ø 1800
6		30 x 20	Ø 350	40 x 20	Ø 450	50 x 25	Ø 400	75 x 40	Ø 600	100 x 50	Ø 700	125 x 65	Ø 850	150 x 75	Ø 900	200 x 75	Ø 1200
7		30 x 20	Ø 450	35 x 20	Ø 550	50 x 25	Ø 500	70 x 40	Ø 750	100 x 50	Ø 900	125 x 65	Ø 1000	150 x 75	Ø 1200	200 x 75	Ø 1400
8		35 x 8	Ø 250	40 x 8	Ø 350	50 x 8	Ø 400	60 x 10	Ø 450	75 x 15	Ø 700	100 x 20	Ø 1000	125 x 25	Ø 1250	150 x 25	Ø 1400
9		40 x 12	Ø 300	50 x 12	Ø 450	63 x 16	Ø 400	75 x 20	Ø 500	100 x 25	Ø 650	125 x 35	Ø 800	150 x 50	Ø 1000	200 x 40	Ø 1500
10		20 x 20	Ø 300	22 x 22	Ø 400	25 x 25	Ø 300	32 x 32	Ø 400	45 x 45	Ø 500	50 x 50	Ø 750	63 x 63	Ø 800	75 x 75	Ø 1200
11		Ø 22	Ø 220	Ø 22	Ø 350	Ø 25	Ø 300	Ø 32	Ø 380	Ø 45	Ø 550	Ø 50	Ø 750	Ø 63	Ø 900	Ø 75	Ø 1200
12		30 x 1.5	Ø 400	40 x 1.5	Ø 450	50 x 1.5	Ø 500	60 x 2	Ø 600	75 x 2	Ø 1500	100 x 3	Ø 2800	125 x 4	Ø 3000	150 x 5	Ø 5000
13		30.5 x 2.3	Ø 400	40.4 x 2.3	Ø 450	42.4 x 3.5	Ø 450	48.3 x 4	Ø 500	63 x 4.5	Ø 750	75 x 5	Ø 1200	100 x 5	Ø 1600	150 x 6	Ø 2200
14		30 x 20 x 2		35 x 20 x 2		40 x 25 x 2		60 x 25 x 3		80 x 40 x 4		120 x 50 x 4		140 x 50 x 5		180 x 70 x 8	
15		25 x 25 x 2		30 x 30 x 2		35 x 35 x 2		45 x 45 x 3		60 x 60 x 4		80 x 80 x 5		90 x 90 x 6		100 x 100 x 8	
16		...		...		...		...		...		100 x 50	Ø 1000	125 x 75	Ø 1200	150 x 80	Ø 2200
17		...		...		...		...		...		100 x 50	x 2200	125 x 65	x 2800	150 x 80	x 5000
18		...		...		...		...		...		100 x 50	x 2200	125 x 75	x 2600	150 x 80	x 4000
TOTAL POWER	MOTORISED BOTTOM ROLL ADJUSTMENT	4 H.P.		4 H.P.		5 H.P.		5 H.P.		7 H.P.		15 H.P.		25 H.P.		40 H.P.	

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Sagar Maintenance

maximum force | maximum rigidity | maximum yield



**TWO WORKSTATIONS CNC PIPE
HOLE PUNCHING MACHINE**



**PIPE PUNCHING AND
CUTTING MACHINE**



**RACK SHELVES CNC HYDRAULIC
PUNCHING MACHINE**



**SINGLE WORKSTATIONS CNC
PUNCHING MACHINE**



**2 IN 1 ANGLE NOTCHING
PUNCHING MACHINE**



**90° ANGLE PIPE NOTCHING
MACHINE**



**SINGLE WORKSTATIONS HYDRAULIC
PUNCHING MACHINE**



**TWO WORKSTATIONS HYDRAULIC
PUNCHING MACHINE**



**THREE WORKSTATIONS HYDRAULIC
PUNCHING MACHINE**



**FOUR WORKSTATIONS HYDRAULIC
PUNCHING MACHINE**



Mechanical Iron Work



SECTION BENDING MACHINE

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