



Make in India



“ BEST QUALITY & PERFORMANCE
WITH BEST SERVICE ”

CONVENTIONAL & NC

Hydraulic Shearing Machine

CAPACITY: 0.5mm-25mm

SHEARING LENGTH: 1500-4500mm



CONVENTIONAL & NC

Hydraulic Press Brake Machine

CAPACITY: 20 - 500 TONS

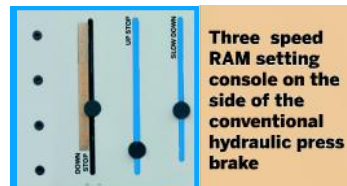
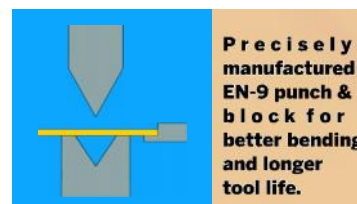
BENDING LENGTH: 1000-4500mm

- ◆ Established in the year 2005, we, "CHAMUNDA ENGINEERING", engaged in manufacturing and supplying a wide range of Deep Draw Press Machine, Hydraulic Machine, All "C" Type, "H" Type Press, Press Brakes, Shearing Machines, Plate Rolling Machines, Angle Cutting Machines, Section Bending Roll, Hydraulic, Cylinders, Power Pack, All Type Press Service & Testing of Hydraulic Valve Pump & Accessories, Sales, Service.
- ◆ The range offered by us includes Five Cylinder Deep Draw Press, Deep Draw Press Machine, Rubber Moulding Machine.
- ◆ In addition to this, we offer Vertical Hydraulic Machine, Hydraulic Press Machine, Hydraulic Power Pack Machine, Compression Moulding Hydraulic Press, Hydraulic Cylinder.
- ◆ These products are manufactured using superior quality raw material, which is sourced from the reliable vendors of the market.
- ◆ Owing to their features such as strong construction, longer functional life, low maintenance, less power consumption and high performance, these products are widely demanded by the clients.
- ◆ Moreover, we offer these products in various specifications to meet the diverse requirements of our clients.
- ◆ "CHAMUNDA ENGINEERING" is committed excellence quality product manufacture & Supply. The Company manufactures complete range of Products in their works having all facility for manufacturing and testing their products.

MACHINE OVERVIEW

- ◆ Frame manufactured from tested IS 2062 plates, as per IMTMA guide line.
- ◆ Precise ram travel set within 0.01mm, with ± 0.05 mm repeatability.
- ◆ Powered by two hydraulic cylinders drives ram through two levers synchronized by torsion tube.
- ◆ Easy to set bend angle, stroke length, slow down point and tonnage.
- ◆ Dovetail guides with replaceable liners capable of bearing side thrust.
- ◆ Movable console housed with all the controls to ease operation from any location with two foot switches.
- ◆ Premium honed cylinders, hard chromed rods, and quality seals enables quit and smooth running.
- ◆ Working pressure limited to 160 bar, most parts designed to operated than these capacity.
- ◆ Larger clear pass helps wider flange to bend.
- ◆ Few moving parts, less wear, less operating cost, good life.

PRESS BRAKE MACHINE



AIR BENDING CHART

BENDING FORCE CHART (tons/metre)																					Capacity Based on air bending Mild Steel (U.T.S. 45 kg/mm ²)									
	V	4	6	8	10	12	16	20	24	32	40	48	64	80	96	120	150	180	200	250	300									
	H	3	4	6	7	8.5	12	15	17	23	29	34	46	57	68	85	110	130	145	180	125									
	R	0.6	1.1	1.3	1.6	2	2.7	3.3	4	5.3	6.7	8	10.5	13.5	16	25	20	30	33	42	50									
T																														
0.5	4	3	2	T = SHEET THICKNESS IN mm																										
0.8	16	6	6.5	5	4	R = INSIDE RADIUS OF BEND IN mm																								
1	19	14	8	6	5	H = MINIMUM HEIGHT OF EDGE IN mm																								
1.2	14	12	10	8	6	V = VEE/DIE OPENING IN mm																								
1.5	19	16	12	8	7																									
2	38	26	22	16	12	10																								
2.5							37	26	20	17	12	SIZE OF VEE FOR MS PLATE																		
3							56	36	28	24	17	14	11	T<12 mm = V = 8 X T																
4							74	56	44	32	25	20	17	T<12 mm = V = 10 X T																
5								75	50	40	33	24	19																	
6									77	57	48	35	27	23																
8										112	86	64	50	41	33															
10											150	100	80	60	51	43														
12												155	100	80	60	51	43													
15													180	150	120	96	80	72												
18	Bending pressure for other materials:																200	160	128	107	96	77								
20	soft aluminium =										tons x 50%																			
25	heat treated aluminum alloy =										tons x 100%												250	200	170	150	120	100		
25	stainless steel =										tons x 150%														296	250	220	178	150	

CEPB 825 Conventional Press Brake Capacity 4mm X 2500mm



Technical Specification

STANDARD ACCESORIES

- ◆ Lifting chain to rotate block
- ◆ Front operated manual gauge
- ◆ Centralize lubrication system
- ◆ Portable control console
- ◆ Wide clear pass
- ◆ Two front sheet support
- ◆ EN9 punch & die block
- ◆ High capacity power pack

FEATURES

- ◆ Less operating cost
- ◆ Silent operation
- ◆ Easy controls
- ◆ 3 speed stroke
 - ◆ Fast approach
 - ◆ Slow forming/bending
 - ◆ Fast return
- ◆ Adjustable pressure
- ◆ Better overload safety

OPTIONAL ACCESORIES

- ◆ Special hardened tools
- ◆ Motorized back gauge
- ◆ Back gauge with DRO
- ◆ Higher speed
- ◆ Large Throat depth
- ◆ NC stroke
- ◆ NC Back gauge

MODEL NO	TONNAGE	TABLE_LENGTH	BENDING CAPACITY		TABLE_WIDTH	CLEAR_PASS	RAM_STROKE	OPEN HEIGHT	THROAT_DEPTH	RAM_SPEED			POWER	OIL_TANK_CAPACITY	PACKING_DIMENSION	APPROX_WEIGHT
			PRIMARY	SECONDARY						APPROACH	PRESSING	RETURN				
	TON	mm	mm x mm	mm x mm	mm	mm	mm	mm	mm	mm/sec			HP	LITRE	(L x W x H) mm	KG
CEPB-215	20	1550	1.5 x1500	2 x1250	150	1050	100	250	100	35	9	35	3	130	1700x1250x2000	1600
CEPB-320	30	2050	2 x 2000	3 x1250	150	1550	100	250	200	30	7	30	3	140	2200x1250x2000	2600
CEPB-425	40	2550	2 x 2500	3 x1500	180	2050	100	250	200	40	8	40	5	160	2700x1250x2000	3100
CEPB-515	50	1550	4 x 1500	5 x1250	180	1050	100	250	200	35	7	35	5	180	1700x1250x2000	2600
CEPB-520	50	2050	3 x 2000	4 x1500	180	1550	100	250	200	35	7	35	5	180	2200x1250x2000	3100
CEPB-525	50	2050	2.5 x2500	3 x2000	180	2050	100	250	200	35	7	35	5	180	2700x1250x2000	3500
CEPB-625	65	2550	3 x2500	4 x2000	180	2050	150	330	200	30	7	30	5	200	2700x1200x2000	3800
CEPB-630	65	3050	2.5 x3000	3 x2500	180	2550	150	330	200	30	7	30	5	200	3500x1200x2000	4400
CEPB-825	80	2550	4 x 2500	5 x 2000	200	2050	150	330	200	38	6	45	7.5	210	2700x1550x2300	4600
CEPB-830	80	3050	3 x 3000	4 x 2500	200	2550	150	330	200	38	6	45	7.5	210	3350x1550x2300	5100
CEPB-1025	100	2550	5 x 2500	6 x 2000	210	2050	150	330	200	38	6	45	7.5	220	2700x1550x2300	5500
CEPB-1030	100	3050	4 x 3000	5 x 2500	210	2550	150	330	200	38	6	45	7.5	220	3350x1550x2300	6300
CEPB-1040	100	4050	3 x 4000	4 x 3000	110	3250	150	330	200	38	6	45	7.5	220	4250x1650x2300	7100
CEPB-1225	125	2550	6 x 2500	8 x 2000	230	2150	150	350	300	38	5	40	10	240	2750x1650x2500	6600
CEPB-1230	125	3050	5 x 3000	6 x 2500	230	2650	150	350	300	38	5	40	10	240	3350x1650x2500	7100
CEPB-1240	125	4050	4 x 4000	5 x 3000	230	3250	150	350	300	38	5	40	10	240	4200x1650x2500	8400
CEPB-1625	160	2550	8 x 2500	10x2000	250	2150	150	350	300	35	6	40	15	260	2750x1800x2600	8300
CEPB-1630	160	3100	6 x 3000	8 x 2500	250	2650	150	350	300	35	6	40	15	260	3350x1800x2600	8900
CEPB-1640	160	4100	5 x 4000	6 x 3000	250	3250	150	350	300	35	6	40	15	260	4350x2050x2750	9900
CEPB-2025	200	2550	10 x 2500	12x2000	250	2150	200	400	300	35	7	35	20	280	2850x2050x2750	9500
CEPB-2030	200	3100	8 x 3000	10x2500	250	2650	200	400	300	35	7	35	20	280	3350x2050x2750	9600
CEPB-2040	200	4100	6 x 4000	8 x 3000	250	3250	200	400	300	35	7	35	20	280	4350x2050x2750	12100
CEPB-2530	250	3100	1 x 3000	12x2500	250	2650	200	400	300	35	6	40	25	310	3350x2100x2800	12000
CEPB-2540	250	4100	8 x 4000	10x3000	250	3250	200	400	300	35	6	40	25	310	4350x2100x2800	12800
CEPB-3030	300	3100	12 x 3000	15x2500	300	2650	200	400	300	30	6	35	30	320	3350x2150x2900	13600
CEPB-3040	300	4100	10 x 4000	12x3000	300	3250	200	400	300	30	6	35	30	320	4350x2150x2900	14600
CEPB-4030	400	3100	16 x 3000	20x2500	300	2650	250	500	350	25	5	40	40	350	3350x2200x3000	15100
CEPB-4040	400	4100	12 x 4000	16x3000	300	3250	250	500	350	25	5	40	40	350	4350x2200x3000	18100
CHPB-5030	500	3100	20 x 3000	25x2500	300	2550	250	500	350	25	5	40	50	350	3300x2200x3200	21000
CHPB-5040	500	4100	15 x 3000	20x3000	300	3150	250	500	350	25	5	40	50	350	4500x2200x3200	27000

MACHINE OVERVIEW

- ◆ Rugged structure from tested plates for continuous run.
- ◆ Variable rake angle to cut thinner sheets, softer metal with minimum twist at faster rate.
- ◆ Hydraulic hold downs grip sheet firmly before cut starts, hydraulic.
- ◆ Individual hold down can clamp different thickness plates together.
- ◆ Blade gap setting lever calibrated for different sheet thickness for easy and smooth cutting.
- ◆ HCHCr blades with 4 interchangeable edges.
- ◆ Adjustable cutting and holding force to suit material property and thickness.
- ◆ Cutting ram returns on releasing foot switch for smaller cuts.
- ◆ First two hold downs spaced closer at both ends.
- ◆ Machine operation from front facing panel enables easy operation.



STANDARD ACCESSORIES

- ◆ Left Squaring Arm
- ◆ Front Sheet Support
- ◆ Variable Rake Angle
- ◆ Front Control Panel
- ◆ Sheet Hold Downs
- ◆ Blade Gap Setting
- ◆ Centralize Lubrication
- ◆ Portable Foot Switch
- ◆ Shadow Line Indication
- ◆ High Capacity Power Pack



OPTIONAL ACCESSORIES

- ◆ Extra Long Front Support
- ◆ Disappearing Stoppers
- ◆ Scale For Front Sheet Support
- ◆ Neoprene Hold Down Cups
- ◆ Universal Protractor Gauge
- ◆ NC Back Gauge With Ball Screw
- ◆ Sheet Support At Rear
- ◆ Round Transfer Bars
- ◆ Ball Transfer On Table
- ◆ Back Gauge With Dro
- ◆ Motorized Back Gauge

CEHVR 425
NC Shearing Machine
Capacity 6mm X 2500mm



Motorized Back Gauge

- ◆ Easy Gauge Maintaining
- ◆ Push Button Controlled

Easy Blade Gap Setting

- ◆ cut with minimum force
- ◆ burr free edges

Hydraulic Hold Downs

- ◆ Hold Sheet While Shearing
- ◆ Auto Deploy Before Cut

HCHCr Shearing Blades

- ◆ Fine Cutting
- ◆ 4 Interchangeable Edges

MODEL NO	SHEARING_LENGTH	SHEARING				STANDARD_RAKE	RAKE_ANGLE_RANGE E	STROKES/MIN		SQUARING_ARM_LENGTH	BACK_GUAGE	HOLD_DOWNS	HOLDING_FORCE	POWER	OIL_TANK_CAPACITY	PACKING_DIMENSION	APPROX_WEIGHT
		M S		S S				at MIN_RAKE	at MAX_RAKE								
		STD. RAKE ANGLE	MAX. RAKE ANGLE	STD. RAKE ANGLE	MAX. RAKE ANGLE												
	mm					degree	degree	nos/sec		mm	mm	NOS	kg	HP	LITRE	(L x W x H) mm	KG
HVR-225	2500	2	3.15	1	1.6	1°	0.5-2°	22	10	600	600	13	1800	3	110	2900x1600x1500	2600
HVR-230	3000	2	3.15	1	1.6	1°	0.5-2°	18	8	600	600	15	1800	3	110	3400x1600x1500	2800
HVR-315	1500	3.15	4	2	3	1.15°	0.5-2°	24	10	600	600	8	2000	5	95	2250x1850x1950	2000
HVR-325	2500	3.15	4	2	3	1.15°	0.5-2°	28	13	600	600	13	2500	5	110	3200x1850x1950	3500
HVR-330	3000	3.15	4	2	3	1.15°	0.5-2°	24	9	1000	800	15	2500	5	110	3700x1850x2050	4000
HVR-415	1500	4	6	3	4	1.37°	0.5-3°	24	10	1000	800	8	4500	5	100	2250x1850x2050	3200
HVR-420	2000	4	6	3	4	1.37°	0.5-3°	24	10	1000	800	11	6200	7.5	120	2750x1850x2050	3800
HVR-425	2500	4	6	3	4	1.37°	0.5-3°	22	8	1000	800	13	8000	7.5	120	3300x2550x2400	5000
HVR-430	3000	4	6	3	4	1.45°	0.5-3°	22	8	1000	800	15	10000	10	120	3700x2250x2400	6000
HVR-440	4000	4	6	4	6	1.45°	0.5-3°	18	6	1000	800	20	12000	10	140	4500x2250x2400	8100
HVR-615	1500	6	8	4	6	1.45°	0.5-3°	24	8	1000	800	8	6500	10	130	2250x1900x2100	4000
HVR-620	2000	6	8	4	6	1.45°	0.5-3°	22	7	1000	800	11	6500	10	140	2750x1900x2100	4300
HVR-625	2500	6	8	4	6	1.45°	0.5-3°	28	8	1000	800	13	8500	15	160	3300x2250x2500	6000
HVR-630	3000	6	8	4	6	2°	0.5-3°	24	6	1000	800	15	10800	15	160	3800x2250x2500	6800
HVR-640	4000	6	8	4	6	2°	0.5-3°	24	6	1000	800	20	13600	20	170	4800x2250x2500	8200
HVR-815	1500	8	10	6	8	2°	0.5-3°	20	10	1000	800	8	10500	15	140	2250x2050x2200	5200
HVR-820	2000	8	10	6	8	2°	0.5-3°	15	8	1000	800	11	12000	15	160	2750x2050x2200	6000
HVR-825	2500	8	10	6	8	2°	0.5-3°	20	8	1000	800	13	16500	20	170	3300x2350x2600	7500
HVR-830	3000	8	10	6	8	2°	0.5-3°	18	6	1000	800	15	18500	20	170	3800x2350x2600	9000
HVR-840	4000	8	10	6	8	2°	0.5-3°	15	6	1000	800	20	23000	25	180	4800x2350x2600	12500
HVR-1015	1500	10	13	8	10	2°	0.5-3°	20	10	1000	800	8	10500	15	160	2250x2050x2300	6000
HVR-1020	2000	10	13	8	10	2°	0.5-3°	18	8	1000	800	11	13000	15	170	2750x2050x2300	7000
HVR-1025	2500	10	13	8	10	2°	0.5-3°	18	8	1000	800	13	17500	20	180	3300x2500x2800	9000
HVR-1030	3000	10	13	8	10	2°	0.5-3°	15	6	1000	800	15	20000	20	180	3800x2500x2800	11500
HVR-1040	4000	10	13	8	10	2°	0.5-3°	12	4	1000	800	20	25000	25	190	4800x2500x2800	15000
HVR-1320	2000	13	16	10	13	2°	0.5-3°	13	5	1000	800	11	16500	20	210	2750x2200x2500	7000
HVR-1325	2500	13	16	10	13	2°	0.5-3°	15	8	1000	800	13	32000	25	220	3350x2600x2800	9000
HVR-1330	3000	13	16	10	13	2°	0.5-3°	12	6	1000	800	15	37000	25	230	3800x2600x2800	12000
HVR-1340	4000	13	16	10	13	2°	0.5-3°	10	4	1000	800	20	22000	30	250	4850x2200x2800	15500
HVR-1620	2000	16	20	13	16	2°	0.5-3°	13	7	1000	800	11	22000	25	220	2750x2200x2600	12500
HVR-1625	2500	16	20	13	16	2°	0.5-3°	15	8	1000	800	13	25000	30	230	3500x2600x2900	15000
HVR-1630	3000	16	20	13	16	2°	0.5-3°	12	6	1000	800	15	43500	30	240	4000 x 2600 x 2900	17000
HVR-1640	4000	16	20	13	16	2°	0.5-3°	10	4	1000	800	20	30000	30	260	5100 x 2750 x 2900	20000

NC Hydraulic Shearing Machine

CHAMUNDA ENGINEERING "NC Hydraulic Shearing Machine" is equipped with "DELTA TP02 SERIES" controller specially designed for conventional shearing machine.

NC Hydraulic Shearing Machine

- ♦ Accurate Back Gauge Positioning System Decides The Cutting Width Automatically According To The Program.
- ♦ Strokes Counter On Screen



DELTA TP02
CONTROLLER



Other Product



'C' Type Hydraulic Press



Hydraulic Pressbrake



Hydraulic Shearing Machine



'H' Type Hydraulic Press



Aluminum Multi Hole Punching Machine

Contact Details

Address:- 52, Santivan Industrial Park, Opp. N.K.2 Industrial Estate, Bakrol-Bujrang, Ahmedabad, Gujarat -382433

Mobile no :- +91-95582 62852

Gmail :- presstechmachineindia@gmail.com
presstechmachine@gmail.com



MAKE IN INDIA