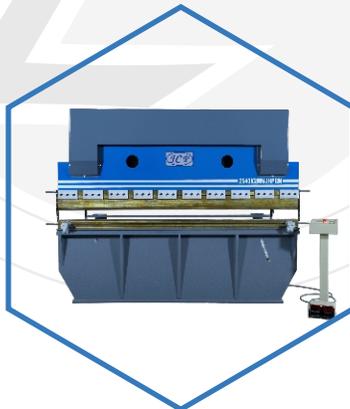
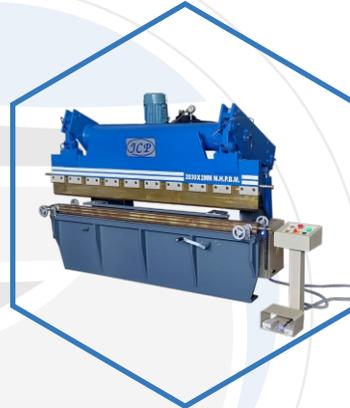
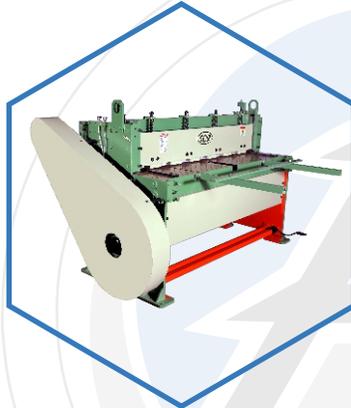
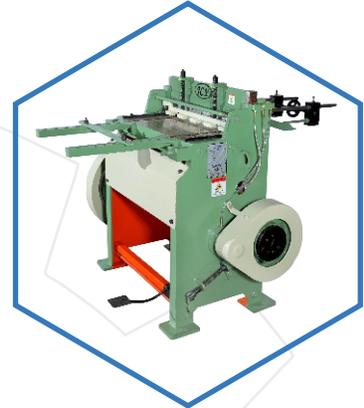
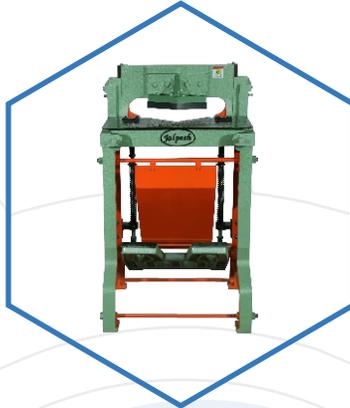


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## C. I. BODY TREADLE GUILLOTINE SHEARING MACHINES

The Everest Cast Iron Body Treadle Guillotine Shearing Machine With Best Workmanship, Robust And Streamline Construction Is Developed And Designed After Maker's Extensive Experience In Manufacturing And Sales Of Such Machines.

**The Machine Is Having Wide Application In Industries Like**

→ Tin Container      → Barrels      → Drum P. P. Caps      → Calendar Rims

**Electricals Is Having With Application In Industries Like**

→ Fabrication      → Control Panels & Boards      → Brass      → Alluminium  
→ Furnitures      → M.s. & Steel Cutting      → Block Makers, Etc...

### Salient Features

Rigid And Streamline Construction Ensures Vibration-free And Fatigue Less Function Of The Machine.

### Working

Upper Beam/ram Is Moving In C. I. Guide Ways With Precision Bearing Surface And Having Adjustment For Compensating Wear And Tear.

### Adjustment

Adjustable Front & Back Gauge With Through Slots Which Facilitates Adjustment Of Different Widths Of Cuts And Avoids Any Sorts Of Waves And Twisting Of Sheets While Cutting. Adjustment Bolts Allow Setting Of Blades To Cut Various Thickness.

### Blade

Machines Are Fitted With HCHCR Quality Four Edge Shearing Blade To Avail Maximum Use Of Blades

### Blade Setting

The Setting Bolts Are Provided For Lower-fixed Blade To Adjust Vertically When Height Of Blade Is Reduced After Resharpenering.

### Driving Pedal

The Extra Heavy Treadle With Proper Weight Is Spring Loaded And Very Well Designed For Operator's Convenience Which Takes Minimum Pressure While Cutting. The Springs Fitted Are Of Proper Compression And Strength.

## SPECIFICATION TREADLE SHEARING MACHINES

Model	Size Of Machine		Length Of Bed.		Width Of Bed.		Cap Thickness M.s.	Size Of Blade	Floor To Top Of Bed.		Over All Packing Dimension			Weight Of Machine
	MM	Inch	MM	Inch	MM	Inch	MM	MM	MM	Inch	Length	Width	Height	Kgs
JTSM-12"	305	12"	406	16"	203	8"	0.9MM	305X62X14	864	34"	450	600	900	100
JTSM-18"	458	18"	559	22"	279	11"	0.9MM	482X62X14	889	35"	700	1350	1200	225
JTSM-24"	610	24"	711	28"	279	11"	0.9MM	635X62X14	889	35"	850	1350	1200	275
JTSM-36"	915	36"	1016	40"	279	11"	0.9MM	940X62X14	889	35"	1150	1350	1200	325
JTSM-40"	1016	40"	1118	44"	318	12.5"	0.9MM	1041X62X14	889	35"	1300	1500	1200	400
JTSM-50"	1270	50"	1397	55"	318	12.5"	0.8MM	1295X62X14	889	35"	1550	1500	1200	460
JTSM-60"	1524	60"	1651	65"	318	12.5"	0.8MM	1550X62X14	889	35"	1850	1500	1200	525
JTSM-80"	2032	80"	2134	84"	318	12.5"	0.8MM	2057X62X14	889	35"	2350	1500	1250	650





### Maintenance

Any Machinery, Big Or Small, Needs Proper Maintenance After The Same Period. Similarly, Shearing Machines Require Minor Check-ups For Preventive Maintenance. It Helps In Trouble Free, Long Life And Increased Efficiency Of The Machine

1. After Each Use, Clean The Machine Thoroughly.
2. Lubrication Cups Are Provided At Necessary Places To Ensure Smoothness Of All Lubrication Points.
3. Every Week, Check All Bolts And Nuts And Tighten Them If They Are Loose.

## V Notching Shearing Machines

Model	JTSM-V Notch	
Size Of Machine	MM	6x6x9.5"
Length Of Bed.	MM	635
	Inch	25"
Width Of Bed.	MM	330
	Inch	13"
Cap. Thickness M.s.	MM	1MM
Size Of Blade	Inch	6"X6"X11"
Floor To Top Of Bed.	MM	902
	Inch	35.5"
Weight Of Machine	Kgs	265
Machine(LXWXH)	750 X 700 X 1100	



## Throt Treadle Shearing Machines

Model	JTSM-36" Throt	
Size Of Machine	MM	915
	Inch	36"
Length Of Bed.	MM	1016
	Inch	40"
Width Of Bed.	MM	279
	Inch	11"
Cap. Thickness M.s.	MM	0.9MM
Size Of Blade	Inch	940X62X14
Floor To Top Of Bed.	MM	889
	Inch	35"
Weight Of Machine	Kgs	350
Machine(LXWXH)	1150 X 1000 X 1150	

# UNDER CRANK SHEARING MACHINE

## Frame

The Frame Is Of All Steel Constructed, Fabricated From Steel 2062 E-25 Grade. With Best Workmanship, Robust And Streamline Construction Is Developed And Designed After Maker's Extensive Experience In Manufacturing And Sales Of Such Machines. Thus The Accuracy Of The Machine Is Never Disturbed.

## Table & Ram

All M.S Plate Constructed, Fabricated From Steel 2062 E-25 Grade. The Top & Bottom Blade Is Fitted & True And Firm Support At Its Accurately Machined Seat. Table Is Adjustably For Setting The Blade Clearance & The Top Surface Of The Table Is Provided With T Slots For Adjusting The Front Gauge. Ram Sliding Surface Are Machined And Hand Scrapped For Smooth Travel And Sustained Accurately.

## Hold On Plate

The Spring Loaded Mechanical Hold Down Plate Hold The Sheet Securely, To Avoid Slipping And Bowing Resulting In Clean Square Cuts.

## Drive

Motor, Mounted On An Adjustable Plat, Drives The Large Cast Iron Fly Wheel Through V-Belts. The Power Is Further Transmitted To The Fly Wheel Shaft Through Steel Pinion And Main Gear Box And Than Transmitted To Main Gear. Gun-Metal Bushes Are Provided All The Rotating Parts.

## Clutch

The Clutch Is Of Pin/Rolling Key Type. The Clutch Is Rigid And Well Supported. The Clutch Gives Continuous Stroke For Mass Production.

## Shaft

Shaft Is Made Of Special Alloy Steel En8d / C45 Machined To Close Accuracy And Fitted In Bronze Bushes For Perfect Alignment.

## Flywheel

Properly Sized Flywheel Is Made Of Grade Cast Iron & Is Balanced For Storing And Releasing Adequate Energy For The Pressing Operations.

## Gears

Main Gear Is Made From (Wcb 1030). Ideal And Pinion Gear Are Made From En8-D And Pinion Gear Is Heat Treated.

## Gauges

Front Gauge T-Slotted Front Gauge Fabricated From Mild Steel Is Detachable. Rear Gauge Rack And Pinion Type Rear Gauge Provides Accuracy And Is Easily Adjustable To Parallel And Taper Strips Efficiently.

## Blade

Everest Shears Are Provided With High Quality Single Or Segment HCHCR Blade, With Four Edged

## Standard Accessories

- ➔ Front Gauge
- ➔ Rear Gauge
- ➔ Side Squaring
- ➔ Foot Pedal
- ➔ Motor Pulley
- ➔ Oil Cups For Lubrication Point
- ➔ Fly Wheel & Gear Guard

## Optional Accessories

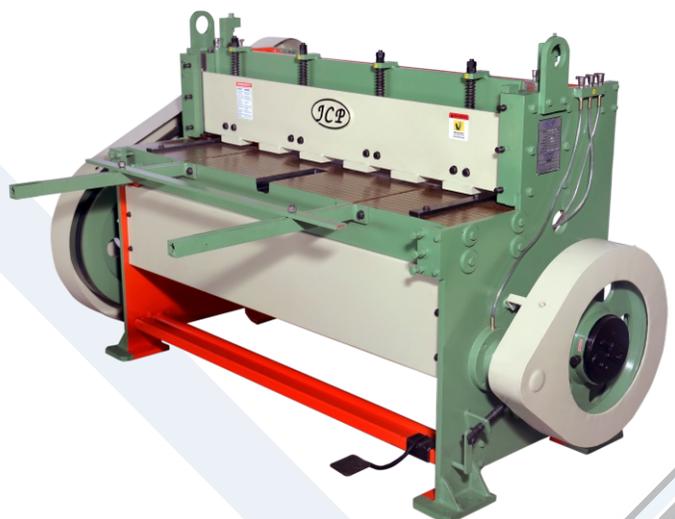
- ➔ Electric Motor
- ➔ Starter
- ➔ V-Belts
- ➔ Lubrication Pump (Hand/Motorized)
- ➔ Front Gauge, Rear Gauge With Scale
- ➔ Pneumatic Pedal
- ➔ Digital Stroke Counter
- ➔ Pneumatic, Mechanical & Servo Feeder & De – Coiler & Straightener

## Power Supply

400/440 Volts, 3 Phase, 50 Cycles.

## Note

Electric Items & Blades & Spring Are Not Under Warranty. Machines Will Be Supplied Without Electrical & V-Belts.





Model	Cutting Capacity In M.s.	Front Gauge	Rear Gauge	Table Height	Table Width	Blade Size	Stoke Per Min.	Hold Down To Knife Edge	Over All Packing Dimension			Machine Motor	Approx. Weight Kgs
	(LXT)					(LXWXT)			Length	Width	Height	H.P/KW	
JUS-1	610X1.5	450	450	875	292	635X62X14	70	3	1200	1000	1100	1/0.750	450
JUS-2	914X1.5	450	450	875	292	940X62X14	70	4	1500	1000	1100	1/0.750	550
JUS-3	1270X1.5	500	450	900	318	1295X62X14	65	6	1900	1100	1200	2/1.5	800
JUS-4	1525X1.5	500	450	900	318	1550X62X14	65	7	2200	1200	1200	2/1.5	900
JUS-5	2030X1.5	500	600	900	330	2057X62X14	60	8	2750	1250	1200	3/2.2	1250



Model	Cutting Capacity In M.s.	Front Gauge	Rear Gauge	Table Height	Table Width	Blade Size	Stoke Per Min.	Hold Down To Knife Edge	Over All Packing Dimension			Machine Motor	Approx. Weight Kgs
	(LXT)					(LXWXT)			Length	Width	Height	H.P/KW	
JUS-6	610X2	600	600	800	355	635X62X14	65	3	1470	1000	1300	2/1.5	900
JUS-7	914X2	600	600	800	355	940X62X14	65	4	1770	1000	1300	2/1.5	1000
JUS-8	1270X2	600	600	800	355	1295X62X14	60	6	2200	1200	1300	3/2.2	1350
JUS-9	1525X2	600	600	800	355	1550X62X14	60	7	2450	1200	1300	3/2.2	1500
JUS-10	2030X2	600	600	825	400	2057X62X14	55	8	3000	1300	1400	5/3.7	2400
JUS-11	2540X2	600	600	825	400	2550X62X14	55	10	3500	1300	1400	5/3.7	2700
JUS-12	610X4	600	600	800	400	635X75X18	60	3	1470	1200	1300	3/2.2	1100
JUS-13	914X4	600	600	800	400	940X75X18	60	4	1770	1200	1300	3/2.2	1280
JUS-14	1270X4	600	600	825	400	1295X75X18	55	6	2350	1300	1400	5/3.7	2000
JUS-15	1525X4	600	600	825	400	1550X75X18	50	7	2550	1300	1400	5/3.7	2400
JUS-16	2030X4	600	600	825	455	2032X75X18	45	8	3150	1400	1500	7.5/5.6	3400
JUS-18	2540X4	600	600	825	455	2550X75X18	45	10	3600	1400	1500	7.5/5.6	3700

# HYDRAULIC SHEARING MACHINE

Everest Engineers Hydraulic Shearing Machine Are All Part Steel Constructed, Fabricated From Steel Is 226 Grade. The Frame Is Designed To Take Heavy Loads. Everest Engineers Hydraulic Shearing Machine Are Developed By Keeping Latest Technology In Mind. Both Cylinders Are Mounted To The Ram Of The Shearing Machine And Are Synchronized For Parallelism Between The Ram And The Table, By Providing Mechanical Links Attached To The Cylinders. The Heavy Duty Steel Construction Frame Is Designed To Absorb The Heavy Shock Of Overload. All Welding Edges Are Properly Machined For Optimal Weld Joints. The Electric Control Panel Is Conventionally Fixed To The Side Wall For Easy Access To The Operator. The Hydraulic Components Are From Reputed Makes Like Vickers, Rexroth, Doughty, Uken, Polyhedron Etc.

## Knives

Each Machine Is Provided With High Quality Single Segment, (hchcr) Knives For Enhanced Tool Life. The Knife Blades Are Four Edged.

## Gauge

Mechanical Back Gauge Is Operated By Screw Arrangement For Easy And Accurate Cutting Operations. The Front Gauge Moves On A "t" Slot Provided On The Table.

## Finger Guard

Finger Guard To Avoid Accident, Finger Guard Is Fitted In Front Of Hold Down System For Operators Protection Without Obstructing The View.

## Lubrication

All Moving Parts Are Provided Lubrication By Oil Cups Operated Pump For Smooth Operation

## Standard Accessories

- ➔ Find Strike Adjustment Rod With Limit Switch
- ➔ Front Side Sheet Support
- ➔ Back Guage Manually – 600 - 750 Mm
- ➔ Hydraulic System –pump & Valve Yuken Make
- ➔ Up-down Foot Switch & Push Button
- ➔ Motor –siemens /abb/crompton
- ➔ Auto & Manual Selector Switch
- ➔ Electrical Control Panel With Variable
- ➔ Rake Angle Selectorswitch & L.r. Controller

## Note

Please Note That Electrical Equipments Are Not Under Warranty.

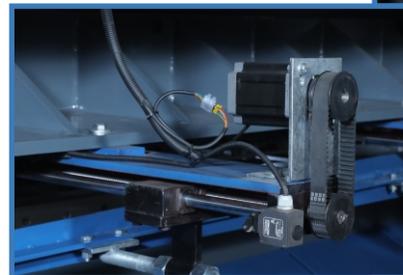
## Optional Accessories

- ➔ Motorized Back Guage With Delta Controlles
- ➔ Sheet Front Feeding System
- ➔ Nc Control Back Guage With Servo Motor
- ➔ Rear Sheet Support
- ➔ Automatic Control Shearing
- ➔ Sheet Rear Stacking System

Power Pack



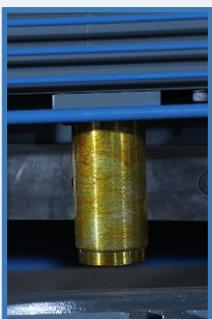
PLC Back Guage



Blade Adjustment



Hold Down



Limit Switch

PLC Control Panel





Model	Cutting Capacity in M.M (LXT)	She. Mc. Cutting Thickness M.S		She. Mc. Cutting Thickness S.S		Std. Rake Angle In Degree	Variable Rake Angle In Degree	Stroke/Min. at Min. & Max. Rake Angle	Hold Downs	Motor H.P	Over All Packing Dimension			Approx. weight in kgs.
		Min.	Max	Min.	Max						Length	Width	Height	
		Rake Angel		Rake Angel										
JHVR-1	1525	3	4	2	3	1°15'	0.5-2°	28-15	7	5	2250	1850	2050	2300
JHVR-2	2030	3	4	2	3	1°15'	0.5-2°	25-12	11	5	2700	1850	2050	2800
JHVR-3	2540	3	4	2	3	1°15'	0.5-2°	22-11	13	5	3200	1850	1950	3700
JHVR-4	3100	3	4	2	3	1°15'	0.5-2°	20-10	17	5	3700	1850	1950	5100
JHVR-5	1525	4	6	3	4	1°37'	0.5-3°	30-15	7	7.5	2250	1850	2050	3000
JHVR-6	2030	4	6	3	4	1°37'	0.5-3°	27-12	11	7.5	2750	1850	2050	3500
JHVR-7	2540	4	6	3	4	1°37'	0.5-3°	25-10	13	7.5	3300	2250	2400	4400
JHVR-8	3100	4	6	3	4	1°37'	0.5-3°	26-10	17	10	3700	2250	2400	5500
JHVR-9	4000	4	6	3	4	1°45'	0.5-3°	22-6	21	10	4500	2250	2400	7500
JHVR-10	1525	6	8	4	6	1°45'	0.5-3°	20-10	7	10	2250	1900	2100	3800
JHVR-11	2030	6	8	4	6	1°45'	0.5-3°	20-10	11	10	2750	1900	2100	4300
JHVR-12	2540	6	8	4	6	1°45'	0.5-3°	25-11	13	15	3300	2250	2500	5600
JHVR-13	3100	6	8	4	6	1°45'	0.5-3°	23-9	17	15	3800	2250	2500	6800
JHVR-14	4000	6	8	4	6	1°45'	0.5-3°	18-6	21	20	4800	2250	2500	8300
JHVR-15	1525	8	10	6	8	2°	0.5-3°	21-10	7	15	2250	2050	2200	5500
JHVR-16	2030	8	10	6	8	2°	0.5-3°	17-8	11	15	2750	2050	2200	6000
JHVR-17	2540	8	10	6	8	2°	0.5-3°	19-8	13	20	3300	2350	2600	7000
JHVR-18	3100	8	10	6	8	2°	0.5-3°	17-7	17	20	3800	2350	2600	8000
JHVR-19	4000	8	10	6	8	2°	0.5-3°	16-6	21	25	4800	2350	2600	10500
JHVR-20	1525	10	12	8	10	2°	0.5-3°	19-10	7	15	2250	2050	2300	5700
JHVR-21	2030	10	12	8	10	2°	0.5-3°	18-8	11	15	2750	2050	2300	6700
JHVR-22	2540	10	12	8	10	2°	0.5-3°	16-7	13	20	3300	2500	2800	7500
JHVR-23	3100	10	12	8	10	2°	0.5-3°	14-7	17	20	3800	2500	2800	10300
JHVR-24	4000	10	12	8	10	2°	0.5-3°	13-6	21	30	4800	2500	2800	13000
JHVR-25	1525	12	16	10	12	2°	1-3°	12-5	7	20	2300	2100	2300	5800
JHVR-26	2030	12	16	10	12	2°	1-3°	13-6	11	20	2750	2200	2500	9000
JHVR-27	2540	12	16	10	12	2°	1-3°	13-5	13	25	3350	2600	2800	10000
JHVR-28	3100	12	16	10	12	2°	1-3°	13-5	17	25	3800	2600	2800	12000
JHVR-29	4000	12	16	10	12	2°	1-3°	10-4	21	30	4850	2200	2800	16000
JHVR-30	2030	16	20	12	16	2°	1-3°	13-6	11	25	2750	2200	2600	11000
JHVR-31	2540	16	20	12	16	2°	1-3°	12-5	13	30	3500	2600	2900	13500
JHVR-32	3100	16	20	12	16	2°	1-3°	13-5	17	30	4000	2600	2900	16000
JHVR-33	4000	16	20	12	16	2°	1-3°	10-4	21	30	5100	2750	2900	19000
JHVR-34	2030	20	25	16	20	2°	1-3°	12-5	11	40	2900	2500	2600	16000
JHVR-35	2540	20	25	16	20	2°	1-3°	11-5	13	40	3500	2750	3000	18000
JHVR-36	3100	20	25	16	20	2°	1-3°	10-4	17	40	4000	2750	3000	20000
JHVR-37	4000	20	25	16	20	2°	1-3°	8-4	21	50	5100	2800	3000	24000

# HYDRAULIC PRESS BRAKE MACHINE

Everest Engineers Hydraulic Press Brakes Are All Part Steel Constructed, Fabricated From Steel Is 226 Grade. Designed And Developed Through Years Of Experience In Sheet Metal Working Machineries. Everest Engineers Hydraulic Press Brakes Are Developed By Keeping Latest Technology In Mind. Both Cylinders Are Mounted At Back Side Of Press Brake And Are Synchronized For Parallelism Between Ram & Table, By Providing Mechanical Links Connected With Cylinder. The Heavy Duty Steel Construction Frame Is So Designed To Absorb Heavy Shocks Of Overload. All Welding Edges Are Properly Machined For Best Weld Joints. The Electric Control Panel Is Fixed On Side Wall At Conventional Place For Easy Reach Of Operator. It Includes Push Button Pendant And Foot Switch. Standard "V" Block & "V" Punch And Manually Operated Back Gauge System Which Is Front Operated Are Supplied As A Standard Accessories. Hydraulic Components Are Of Reputed Make Like Vickers, Rexroth, Dowty, Yuken, Polyhedron Etc.

## Frame

The Frame Is Of All Steel Constructed, Fabricated From Steel Is 226 Grade. The Frame Is Designed To Take Heavy Loads. 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.

## Gauge

Mechanical Back Gauge Is Operated By Screw Arrangement For Easy And Accurate Cutting Operations.

## Lubrication

All Moving Parts Are Provided Lubrication By Oil Cups & Hand Operated Pump For Smooth Operation

## Standard Accessories

- ➔ Main Drive Motor
- ➔ Manual Back Gauge
- ➔ Standard V-block & Punch
- ➔ Movable Work Station With Pair Of Foot Switch
- ➔ Fine Stroke Adjustment Rod With Limit Switches
- ➔ Electrical Control Panel With Selection Of Inch-once-auto Mode Of Operation

## Note

Electrical Items Are Not Under Guarantee.

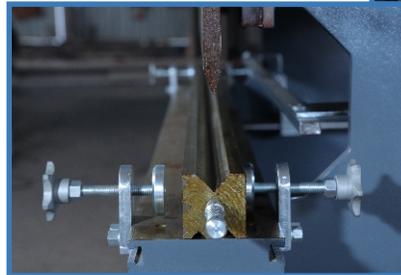
## Optional Accessories

- ➔ Goose Neck Punch & Other Tooling (drawing Required).
- ➔ Motorized Back Gauge With Delta Controlles
- ➔ Nc Control Back Gauge With Servo Motor
- ➔ Electronic Stroke Counter
- ➔ Automatic Lubrication System.
- ➔ First Fill Of Hydraulic Oil

Power Pack



V-Block & Punch



Control Panel



Cylinder



Limit Switch

Foot Switch





Model	Ton Capacity (LXT)	Table Length	Hydraulic Press Brake Bending Capacity (In M.S. UTS) 45KG/MM2		Table Width	Clear Pass	Throat Depth	Ram Stoke	Open Height	Power H.P.	Ram Speed			Over All Packing Dimension			Approx. weight in kgs.
														length	width	height	
JHPB-1	20	1525	1525X2	1250X3	180	1000	200	100	250	3	37	9	50	1700	1050	1900	1800
JHPB-2	30	2030	2030X2	1525X3	180	1500	200	100	250	3	33	7	45	2200	1150	1900	2200
JHPB-3	40	2540	2540X2	2030X3	200	2000	200	125	250	5	30	9	50	2700	1150	1900	2600
JHPB-4	50	3100	3100X2	2540X3	200	2500	200	125	250	5	30	8	45	3350	1200	2030	3600
JHPB-5	50	1525	1525X4	1250X5	200	1000	200	125	250	5	30	8	45	1700	1050	1900	2300
JHPB-6	60	2030	2030X4	1525X5	200	1500	200	125	330	5	28	6	45	2200	1150	1900	3500
JHPB-7	80	2540	2540X4	2030X5	215	2000	250	150	330	7.5	34	6	41	2700	1150	1900	4200
JHPB-8	100	3100	3100X4	2540X5	215	2500	250	150	330	10	35	5	40	3350	1200	2030	5300
JHPB-9	125	4000	4000X4	3100X5	215	3500	250	150	330	10	40	5	42	4200	1650	2540	7500
JHPB-10	80	1525	1525X6	1250X8	215	1000	250	150	330	7.5	36	6	41	1750	1550	2000	2800
JHPB-11	100	2030	2030X6	1525X8	215	1500	250	150	330	10	35	5	40	2250	1550	2200	4800
JHPB-12	125	2540	2540X6	2030X8	235	2000	300	150	350	10	40	5	42	2750	1650	2540	5900
JHPB-13	160	3100	3100X6	2540X8	235	2500	300	150	350	15	35	6	38	3350	1800	2600	7600
JHPB-14	200	4000	4000X6	3100X8	235	3500	300	200	350	20	37	6	39	4350	2050	2750	9600
JHPB-15	100	1525	1525X8	1250X10	235	1000	250	150	330	10	35	5	40	1750	1700	2100	4300
JHPB-16	125	2030	2030X8	1525X10	235	1500	300	150	350	10	40	5	42	2250	1800	2300	5800
JHPB-17	160	2540	2540X8	2030X10	250	2000	300	150	350	15	35	6	38	2750	1800	2600	7200
JHPB-18	200	3100	3100X8	2540X10	250	2500	300	200	400	20	37	6	39	3350	2050	2750	8700
JHPB-19	250	4000	4000X8	3100X10	250	3500	300	200	400	25	35	6	35	4350	2100	2800	12000
JHPB-20	125	1525	1525X10	1250X12	250	1000	300	150	330	10	40	5	42	1750	1850	2600	5100
JHPB-21	200	2030	2030X10	1225X12	250	1500	300	200	350	20	37	6	39	2250	1850	2600	6500
JHPB-22	200	2540	2540X10	2030X12	275	2000	300	200	400	20	37	6	39	2750	1800	2600	8700
JHPB-23	250	3100	3100X10	2540X12	275	2500	300	200	400	25	35	6	35	3350	2100	2800	11500
JHPB-24	300	4000	4000X10	3100X12	275	3500	300	250	400	30	35	6	36	4350	2150	2900	14500
JHPB-25	200	2030	2030X12	1525X16	275	1500	300	200	400	20	37	6	39	2250	200	2600	7200
JHPB-26	250	2540	2540X12	2030X16	300	2000	300	200	400	25	35	6	35	2750	2000	2700	10500
JHPB-27	300	3100	3100X12	2540X16	300	2500	300	200	400	30	35	5	36	3350	2150	2900	12500
JHPB-28	400	4000	4000X12	3100X16	300	3500	350	250	500	40	32	5	32	4350	2200	3100	18500
JHPB-29	300	2030	2030X16	1525X20	300	1500	350	200	400	30	35	5	36	2250	2150	2700	8000
JHPB-30	300	2540	2540X16	2030X20	325	2000	350	200	400	30	35	5	36	2750	2150	2700	11500
JHPB-31	400	3100	3100X16	2540X20	325	2500	350	250	500	40	32	5	32	3350	2200	2900	19500
JHPB-32	500	4000	4000X16	3100X20	325	3500	350	250	500	50	28	5	30	4350	2300	3100	21500

# MINI HYDRAULIC PRESS BRAKE MACHINE

Everest Engineers Mini Hydraulic Press Brakes Are All Part Steel Constructed, Fabricated From Steel Is 226 Grade. Designed And Developed Through Years Of Experience In Sheet Metal Working Machineries. Everest Engineers Mini Hydraulic Press Brakes Are Developed By Keeping Latest Technology In Mind. Both Cylinders Are Mounted At Back Side Of Press Brake And Are Synchronized For Parallelism Between Ram & Table, By Providing Mechanical Links Connected With Cylinder. The Heavy Duty Steel Construction Frame Is So Designed To Absorb Heavy Shocks Of Overload. All Welding Edges Are Properly Machined For Best Weld Joints. The Electric Control Panel Is Fixed On Side Wall At Conventional Place For Easy Reach Of Operator. It Includes Push Button Pendant And Foot Switch. Standard "V" Block & "V" Punch And Manually Operated Back Gauge System Which Is Front Operated Are Supplied As A Standard Accessories. Hydraulic Components Are Of Reputed Make Like Vickers, Rexroth, Dowty, Yuken, Polyhedron Etc.

## Lubrication

All Moving Parts Are Provided Lubrication By Oil Cups & Hand Operated Pump For Smooth Operation

## Standard Accessories

- ➔ Main Drive Motor
- ➔ Manual Back Gauge
- ➔ Standard V-block & Punch
- ➔ Movable Work Station With Pair Of Foot Switch
- ➔ Fine Stroke Adjustment Rod With Limit Switches
- ➔ Electrical Control Panel With Selection Of Inch-once-auto Mode Of Operation

## Optional Accessories

- ➔ Goose Neck Punch & Other Tooling (drawing Required).
- ➔ Motorized Back Gauge With Delta Controlles
- ➔ Nc Control Back Gauge With Servo Motor
- ➔ Electronic Stroke Counter
- ➔ Automatic Lubrication System.
- ➔ First Fill Of Hydraulic Oil

## Note

Electrical Items Are Not Under Guarantee.



Model	Ton Capacity (LXT)	Table Length	Hydraulic Press Brake Bending Capacity (In M.S. UTS) 45KG/MM2	Table Width	Clear Pass	Throat Depth	Ram Stoke	Table Height	Power H.P.	Over All Packing Dimension			Approx. weight in kgs.
										length	width	height	
JMHPB-1	20	1270	1270X2	150	940	225	100	585	2	1400	1100	1400	1150
JMHPB-2	25	1525	1525X2	150	1270	225	100	585	3	1650	1100	1400	1350
JMHPB-3	30	2030	2030X2	180	1525	250	125	600	3	2200	1100	1400	1600
JMHPB-4	40	2540	2540X2	180	2030	250	125	630	5	2600	1200	1500	2100

# HYDRAULIC PRESS (C TYPE)

Everest Engineers Hydraulic Press Are All Part Constructed, Fabricated From Steel Is 2062 E-25 Grade. Designed And Developed Through Years Of Experience In Sheet Metal Working Machineries. Everest Engineers Hydraulic Press Are Developed By Keeping Latest Technology In Mind. Cylinders Are Mounted At Front To Up Side Of Press Brake And Are Synchronized For Parallelism Between Ram & Table, By Providing Ram Connected With Cylinder. All Welding Edges Are Properly Machined For Best Weld Joints. The Electric Control Panel Is Fixed On Side Wall At Conventional Place For Easy Reach Of Operator. It Includes Push Button Pendant And Foot Switch.

## Table & Ram

Table & Ram Are Made Of Heavy Duty Graded Cast Iron Fg 260 & Seasoned. They Are Perfectly Aligned To Each Other To Obtain Quality Pressing.

## Salient Features

- ➔ Limit Switch For Easy Die Adjustment
- ➔ Adjustable Hydraulic Pressure Valve For Different Works To Avoid Accident
- ➔ Machine All Parts Move In Linear Motion To Reduce Maintenance
- ➔ Efficient Compact Silence Hydraulic Power Pack
- ➔ Attached Safety Light Curtain For Worker Protection
- ➔ Electrical Control Panel With Selection Of Inch-once-auto Mode Of Operation
- ➔ Foot Switch Movable For Operation From Safe Position
- ➔ Application: Punching, Stamping, Forming, Embossing, Cutting, Bending And Riveting Etc.

## Standard Accessories

- ➔ Main Drive Motor
- ➔ Power Pack With All Hydraulic Component
- ➔ Electrical Control Panel With Limit Switch And Foot Switch

## Optional Accessories

- ➔ Safety Light Curtain ( Sensor )
- ➔ Digital Stroke Counter
- ➔ Extra Base Plate
- ➔ Stock Counter In Control Panel
- ➔ Lubrication Pump (hand/motorized)
- ➔ Servo Feeder & De – Coiler & Straightener



TON CAPACITY	10	20	30	50	80	100	150
STROKE LENGTH MAX.	100MM	125MM	150MM	150MM	200MM	200MM	200MM
NO.OF STROKE PER 1 INCH LENGTH	50	40	40	50	50	50	40
BED TO RAM DIST.	225MM	250MM	300MM	350MM	400MM	450MM	500MM
HOLE IN RAM	25MM	32MM	38MM	51MM	51MM	51MM	63MM
BED SIZE	455X305	505X305	555X380	710X455	775X550	815X585	965X685
HP(MOTOR)	2 HP	3 HP	5 HP	5 HP	7.5 HP	10 HP	15 HP
FLOOR TO BED	725 APR.	750 APR.	750 APR.	775 APR.	755 APR	755 APR.	800 APR.
OIL TANK (LITRE)	70	100	130	220	300	300	350
APPROX WEIGHT	600 KGS.	1000 KGS.	1400 KGS.	2000 KGS.	4000 KGS.	5000 KGS.	6000 KGS.

## Lubrication

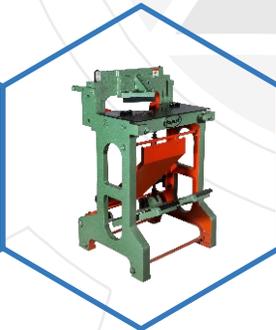
All Bearing Parts And Guide Surfaces Are Lubricated Through Connected Oil Cups And Operated Lubrication Pump.

## Note

Electric Items Are Not Under Warranty.



Spacial Purpose  
Machine For  
Customer  
Requirment



**EVEREST**  
ENGINEERS  
RAJKOT - INDIA

