PARMAR®

Our Products Range :

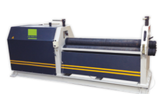
Heavy CNC Synchro Hydraulic Press Brake Machine

EDGE CNC Synchro Hydraulic Press Brake Machine

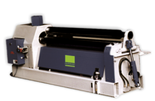
NC/Conventional Rear Cylinder Hydraulic Press Brake Machine

CNC/NC Variable Rake Hydraulic Shearing Machine

Hydraulic Deep Drawing Press



Standard Plate Roll Bending



Prepinching Plate Roll Bending

Hydraulic Plate Roll Bending

Parmar CNC Machines (India) LLP

ISO 9001 : 2015 Certified Company

Office : Gondal Road, Nr. Octroi Buth, Maruti Industrial Area, Rajkot - 360 004 (Gujarat), **Cell :** +91 94272 54147

Factory : National highway 8B. Survey No. 91 Jay industrial Area, Hadamtala District Rajkot-360311 (Gujarat) India
Email : info.parmarllp@gmail.com, sales.parmarllp@gmail.com
For Export : export.parmarllp@gmail.com
Website : www.parmarengineering.in

MAKE IN INDIA

Dealer

Global Design Creation - 93741 59232

PARMAR®

All Type of Sheet Metal Machinery

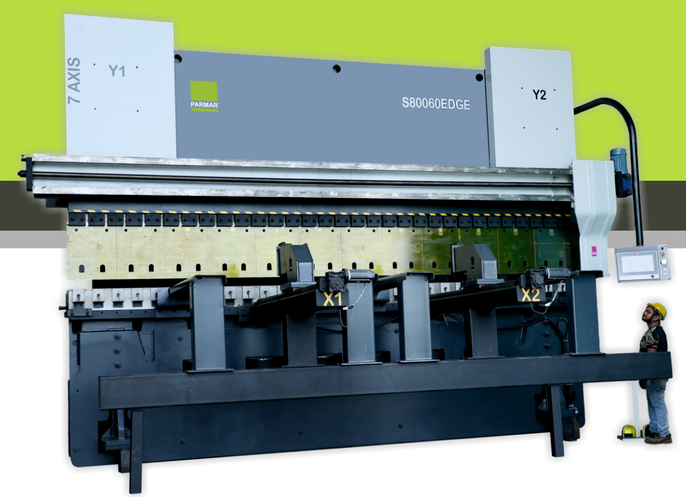
Technology what you want

CNC Press Brake

Edge H Series

Capacity : 400 Ton x 4000mm to
2000 Ton x 12000mm

Edge H Series Press Brake Heavy Duty frame is designed to minimize welding structures to achieve the highest possible uniformity in the press brake frame structure. In addition to high quality, we achieve a cost-effective and fast manufacturing process that enables large-scale press brakes to be also delivered quickly and affordably to our customers.



General Specifications :

- High sensitivity, stress relieved steel construction body, long life frame.
- Automatic calibration and first start up.
- Ball Screw and linear guide integrated perfect back gauge system.
- Durable, long life and sensitive bending capable special hardened top tools.
- Suitable for segmented tools special and fast tool holding system.
- Sensitive solutions on long and deep bending.
- High accuracy linear scales.
- Best quality world wide accepted hydraulic and electric components.

CNC Press Brake

Edge Series

PARMAR®

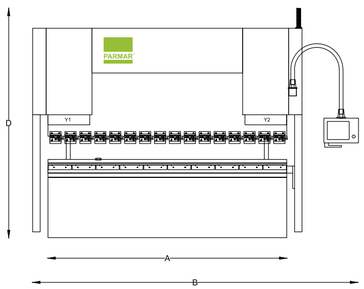
Capacity : 40 Ton x 1000mm to
400 Ton x 4000mm

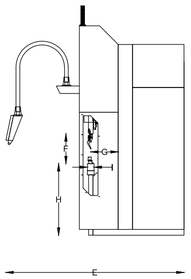
Edge Series Press Brake Heavy Duty frame is designed to minimize welding structures to achieve the highest possible uniformity in the press brake frame structure. In addition to high quality, we achieve a cost-effective and fast manufacturing process that enables large-scale press brakes to be also delivered quickly and affordably to our customers.

General Specifications :

- High sensitivity, stress relieved steel construction body, long life frame.
- Automatic calibration and first start up.
- Ball Screw and linear guide integrated perfect back gauge system.
- Durable, long life and sensitive bending capable special hardened top tools.
- Suitable for segmented tools special and fast tool holding system.
- Sensitive solutions on long and deep bending.
- High accuracy linear scales.
- Best quality world wide accepted hydraulic and electric components.

Edge H Series





Technical Specification

Model	Ton Cap.	Working Length (A)	Distance Between Body (C)	Stroke	Distance Ram To Bed (F)	Depth (G)	Motor	Oil Tank	Table Height (H)	Table Width	Speed			Overall Dimension			X AXIS	DISTANCE BETW. FINGER	R AXIS	WEIGHT (KGs)
											Appr	Pre	Return	B	E	D				
P0312 EDGE	35	1200	900	100	330	200	5	160	900	60	100	15	100	1650	1500	2300	400	500	150	3000
P0516 EDGE	50	1600	1200	100	330	200	5	160	900	180/60	100	10	100	2200	1500	2300	400	900	150	3500
P0620 EDGE	65	2050	1550	150	380	200	5	200	900	180/60	100	10	100	2650	1700	2400	400	1250	150	4500
P0625 EDGE	65	2550	2050	150	380	200	5	200	900	180/60	100	10	100	3150	1700	2400	400	1750	150	5000
P0825 EDGE	80	2550	2050	150	380	250	7.5	250	900	200/60	100	8	100	3150	1800	2500	600	1750	150	5500
P0830 EDGE	80	3200	2600	150	380	250	7.5	250	900	200/60	100	8	100	3800	1800	2500	600	2300	150	6000
P1025 EDGE	110	2500	2050	200	380	250	10	300	900	200/60	100	8	100	3200	1800	2700	600	1750	150	6000
P1030 EDGE	110	3200	2600	200	420	250	10	300	900	200/60	100	8	100	3900	1900	2700	600	2300	150	6500
P1040 EDGE	110	4100	3200	200	420	250	10	300	900	200/60	100	8	100	4800	1900	2700	600	2900	150	7500
P1330 EDGE	130	3200	2600	200	420	300	12.5	400	900	230/60	100	8	100	3880	1900	2850	600	2300	150	8500
P1340 EDGE	130	4100	3200	200	420	300	12.5	400	900	230/60	100	8	100	4800	1900	2850	600	2900	150	9000
P1350 EDGE	130	5100	4200	200	420	300	12.5	400	900	230/60	100	8	100	5800	2000	2850	600	3900	150	12500
P1630 EDGE	160	3200	2600	200	420	300	15	400	900	230/60	100	8	100	3800	1900	3100	600	2300	150	9000
P1640 EDGE	160	4100	3200	200	420	300	15	500	900	230/60	100	8	100	4800	1900	3100	600	2900	150	11500
P1650 EDGE	160	5100	4200	200	420	300	15	500	900	230/60	100	8	100	5900	2000	3200	600	3900	150	16000
P1660 EDGE	160	6200	5200	200	420	300	15	500	900	230/60	100	8	100	6900	2000	3200	600	4900	150	19000
P2030 EDGE	200	3200	2600	200	420	350	20	500	900	250/60	100	8	100	3800	2000	3200	600	2300	150	12000
P2040 EDGE	200	4100	3200	250	470	350	20	500	900	250/90	100	8	100	4800	2000	3200	600	2900	150	13500
P2050 EDGE	200	5100	4200	250	470	350	20	500	900	250/90	100	8	100	5900	2000	3400	600	3900	150	18500
P2060 EDGE	200	6200	5200	250	470	350	20	500	900	250/90	100	8	100	6900	2000	3400	600	4900	150	22000
P2530 EDGE	250	3200	2600	250	470	350	25	500	900	250/90	100	8	100	3900	2100	3500	500	2300	100	15000
P2540 EDGE	250	4100	3200	250	470	350	25	500	900	250/90	100	8	100	4900	2100	3500	600	2900	100	19500
P2550 EDGE	250	5100	4200	250	470	350	25	500	900	250/90	100	8	100	5900	2100	3500	600	3900	100	23000
P2560 EDGE	250	6100	5200	250	470	350	25	500	900	260/90	100	8	100	6900	2200	3500	600	4900	100	27000
P3030 EDGE	300	3200	2600	300	520	350	30	600	900	280/90	100	6	100	3900	2100	3500	600	2300	150	18000
P3040 EDGE	300	4100	3200	300	520	350	30	600	900	280/90	100	6	100	4900	2100	3700	600	2900	150	21500
P3050 EDGE	300	5100	4200	300	520	350	30	600	900	250/90	100	6	100	5900	2200	3700	600	3900	150	27000
P3060 EDGE	300	6200	5200	300	520	350	30	600	900	250/90	100	6	100	6900	2200	3700	600	4900	150	31000
P4030 EDGE	400	3200	2600	300	520	400	40	600	900	300/90	80	6	80	3900	2300	3900	600	2300	150	20000
P4040 EDGE	400	4100	3200	300	520	400	40	600	1100	300/90	80	6	80	4900	2300	3900	600	2900	150	25000
P4050 EDGE	400	5100	4200	300	520	400	40	600	1100	300/90	80	6	80	5900	2300	3900	600	3900	150	29000
P4060 EDGE	400	6200	5200	300	520	400	40	600	1100	300/90	80	6	80	6900	2400	4000	600	4900	150	34000
P5030 EDGE	500	3200	2600	300	550	400	50	800	1100	350/120	80	6	80	3900	3100	4200	600	2900	150	24000
P5040 EDGE	500	4100	3200	300	550	400	50	800	1100	350/120	80	6	80	4900	3100	4200	600	2900	150	32000
P5050 EDGE	500	5100	4200	300	550	400	50	800	1100	350/120	80	6	80	5900	3100	4200	600	3900	150	42000
P5060 EDGE	500	6200	5200	300	550	400	50	800	1200	350/120	80	6	80	6900	3100	4200	600	4900	150	50000
P6030 EDGE	600	3200	2600	300	550	400	60	800	1100	400/120	80	6	80	3900	3500	4400	600	3900	150	30000
P6040 EDGE	600	4100	3200	300	550	400	60	800	1100	400/120	80	6	80	4900	3500	4400	600	3900	150	34000
P6050 EDGE	600	5100	4200	300	550	400	60	800	1100	400/120	80	6	80	5900	3500	4400	600	3900	150	48000
P6060 EDGE	600	6200	5200	300	550	400	60	800	1200	400/120	80	6	80	6900	3500	4400	600	4900	150	55000
P8030 EDGE	800	3200	2600	300	550	400	75	1000	1200	500/120	80	6	65	3900	3500	4500	600	3900	150	25000
P8040 EDGE	800	4100	3200	300	550	400	75	1000	1200	500/120	80	6	65	4900	3500	4500	600	3900	150	44000
P8050 EDGE	800	5100	4200	300	550	400	75	1000	1200	500/120	80	6	65	5900	3500	4500	600	3900	150	56000
P8060 EDGE	800	6200	5200	300	550	400	75	1000	1200	500/120	80	6	65	6900	3600	4500	600	4900	150	68000
P10050 EDGE	1000	5100	4200	300	550	400	75	1000	1200	500/120	50	6	50	5900	3600	4800	600	3900	150	66000
P10060 EDGE	1000	6200	5200	300	550	400	75	1000	1200	500/120	50	6	50	6900	3800	4800	600	4900	150	80000

Note: We remain the rights to modify design, HP over all dimensions, weight & any other technical specification of the machines without any prior notice.

PARMAR Press brake Air bending force calculator

PARMAR®

You can use this calculator to calculate necessary tonnage for press brake to perform the bending of necessary part. It means that you can verify the max. Tonnage according to the technical specification of press brake or check the max. obtained tonnage by the press brake bending tooling compare to the necessary force. All bending tools have limits of force to be used.

This calculator is used for standard air bending process

Information chart for necessary tonnage for 1 meter bending width (L) for mild steel material:

V	H min	R	0,5	0,8	1	1,2	1,5	1,8	2	2,5	3	3,5	4	4,5	5	6	7	8	9	10	12	15	18	20
6	5	1	**2,5**	6,5	10																			
8	6	1,3	2	**5**	8	11																		
10	7	1,7	1,5	4	**6**	9	13																	
12	9	2		3	5	**7**	11	16																
15	12	2,7			4	6	**9**	13	16															
20	15	3,3				4	7	**10**	13	19														
26	18	4,2					5	7,5	**10**	14	21													
30	22	5						6,5	8	**12**	19	24												
32	23	5,4							7,5	11,6	**17**	23	30											
37	25	5,8								10	14,5	**20**	26	33										
42	29	6,7									13	17	**23**	29	35,5									
45	32	7,5										16	21	**27**	33	48								
50	36	8,3											19	24	**30**	43	58							
60	43	10												20	25	**36**	49	64						
70	50	11,5													21	31	**42**	55	69					
80	57	13,5														27	37	**48**	60	75				
90	64	15															32	42	**54**	66	95			
100	71	17																38	48	**60**	86	134		
130	93	22																	37	46	**66**	103	149	
180	130	30																		33	48	**75**	107	133
200	145	33																			43	67	**97**	119
250	180	42																				54	77	**95**

Please be informed that the present calculation only for general purposes. The type of metal and other indication points could be different and the calculation can't be done in the precision way.

Legend:

F	(Force), Ton - total necessary force to execute the bend
S	(thickness), mm - thickness of material to bend
V	(opening), mm - opening of the bending die
H	(resting part), mm - minimum necessary length of rest of the sheet before the bend
L	(width of the bend), mm - main width of the part to be bended
R	(radius), mm - internal radius of bended shape
TS	(tensile strength) – Material 1. Stainless steel – 72kg/mm2, 2. Mild Steel – 45kg/mm2, 3. Alluminium-25kg/mm2)

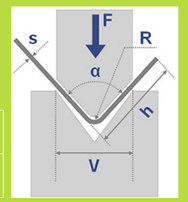
The V opening of the bottom die is 8 times the thickness of the sheet. However, for the thicker plate, the V opening should be bigger. The following recommend V opening of the bottom die can be your reference.

Sheet thickness/V-shape width ratio

S	Sheet thickness - mm	0,5-2,5	3-8	9-10	12 or more
V	"V" width	6 S	8 S	10 S	12 S

The main formula to calculate

F	The bending force	(1,42 x TS x S2 x L) /1000 x V
R	"V" width	(5 x V) / 32



CNC Controller

DELEM CNC Controller :

DA - 53 T

- "Hot-key" touch navigation
- 10.1" high resolution colour TFT
- Up to 4 axes (Y1,Y2 + 2 aux. axes)
- Crowning control • Tool / material / product library
- Servo and frequency inverter control
- TandemLink (option)
- USB memory stick interfacing
- Profile-T offline software

DA - 58 T

- 2D graphical touch screen programming
- 15" high resolution colour TFT
- Bend sequence calculation
- Crowning control
- Servo and frequency inverter control
- USB, peripheral interfacing
- Profile-T offline software

DA - 66 T

- 2D graphical touch screen programming mode
- 17" high resolution colour TFT
- Full Windows application suite
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- User specific application support within the control's multitasking environment
- Sensor bending & correction interface Profile-TL offline software

DA - 69 T

- 3D and 2D graphical touch screen programming mode
- 3D visualisation in simulation and production
- 17" high resolution colour TFT
- Full Windows application suite
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- User specific application support within the control's multitasking environment
- Sensor bending & correction interface
- Profile-T3D offline software

DA - 53 TX

- Numerical touch screen programming
- 15" high resolution color TFT
- Crowning control
- Servo and frequency inverter control
- Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
- USB, peripheral interfacing
- Profile-T offline software

DA - 58 TX

- 2D graphical touch screen programming
- 18,5" high resolution color TFT
- Bend sequence calculation
- Crowning control
- Servo and frequency inverter control
- Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
- USB, peripheral interfacing
- Profile-T offline software

DA - 66 S

- 2D graphical touch screen programming mode
- 3D machine representation, in simulation and production
- 24" high resolution color TFT
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- User specific application support within the control's multitasking environment
- Sensor bending & correction interface
- Profile-S2D offline software

DA - 69 S

- 3D and 2D graphical touch screen programming mode
- 3D visualization, including 3D machine representation, in simulation and production
- 24" high resolution color TFT
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- User specific application support within the control's multitasking environment
- Sensor bending & correction interface
- Profile-S3D offline software

CNC Controller

PARMAR®

CYBELEC

CybTouch - 8PS

- 7" Color graphic LED back light screen
- Intuitive user-friendly interface.
- Simple pages, clear display, large keys.
- Large, vivid and high-contrast fully touchscreen.
- Complete programming for efficient mass-production with multiple bends.
- Easy single bends with EasyBend page.
- On-line help and interactive warning pop-ups.
- Comfortable wireless data backup and software updating using PC or Notebook.
- Large variety of languages available.

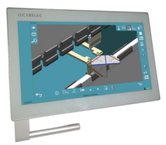
CybTouch - 12PS

- 12" Color graphic LED back light screen
- Large, vivid and high-contrast fully touchscreen.
- Simple pages, clear display, large keys.
- Intuitive user-friendly interface.
- Complete programming for efficient mass-production with multiple bends.
- Easy single bends with EasyBend page.
- On-line help and interactive warning pop-ups.
- Comfortable wireless data backup and software updating using PC or Notebook.
- Large variety of languages available.

CybTouch - 15PS

- 15" modern streamlined glass surface touch screen that can be used with gloves.
- User friendly HMI thanks to intuitive programming and easy to setup with dedicated wizards (autotuning).
- 2D graphical profile drawing (Touch Profile) and precise 2D program creation.
- Automatic bending sequence calculation.
- Easy single bends thanks to the EasyBend page.
- Wide storage capacity.
- Internal backup and restore functions.
- Wireless communication for extended diagnostics and updates (with laptop).

VisiTouch 24 MX



- 24 inches modern streamlined glass surface touch screen that can be used with gloves.
- Full 3D visualisation and simulation.
- Parts management with DXF flat pattern and 3D format files import.
- Automatic solutions of complex parts: automatic bend sequencing, gauging, tooling and auto segmentation.
- Tools import •Group management for complex production.
- Preliminary / Final bend.
- Hemming management.•Running under Windows 10 for multitasking and networking.
- Angle measurement.
- Barcode reader

STEP

ROCK 15+

- INDUSTRY 4.0 READY Production management and scheduling
- Quick Editor function to create quickly 2D parts
- 3D Simulation with automatic best bend sequence identification with collision detection
- 3D visualization in production
- Tool navigator for a quick tooling up
- Quick and fine tuning set-up of the machine thanks to direct access to parameters and special function like realtime monitor and oscilloscope
- TeamViewer for Remote assistance
- Linux OS

ROCK 17+

- INDUSTRY 4.0 READY Production management and scheduling
- Quick Editor function to create quickly 2D parts
- 3D Simulation with automatic best bend sequence identification with collision detection
- 3D visualization in production
- Tool navigator for a quick tooling up
- Quick and fine tuning set-up of the machine thanks to direct access to parameters and special function like realtime monitor and oscilloscope
- TeamViewer for Remote assistance
- Linux OS

DUAL 22

- INDUSTRY 4.0 READY Production management and scheduling
- Scheduled Maintenance Management for a machine always efficient
- IoT support through MQTT protocol
- Advanced programming assisted by attachments and video
- Sampling of the material for an accurate production
- Exporting of computed flat patterns as DXF files
- Tools and parts import from CAD (DXF and IGES/STEP on Advanced 3D)
- 3D Simulation with automatic best bend sequence identification with collision detection
- Automatic tool selection and machine tooling
- TeamViewer for Remote assistance
- Linux OS

DUAL 27

- INDUSTRY 4.0 READY Production management and scheduling
- Scheduled Maintenance Management for a machine always efficient
- IoT support through MQTT protocol
- Advanced programming assisted by attachments and video
- Sampling of the material for an accurate production
- Exporting of computed flat patterns as DXF files
- Tools and parts import from CAD (DXF and IGES/STEP on Advanced 3D)
- 3D Simulation with automatic best bend sequence identification with collision detection
- Automatic tool selection and machine tooling
- TeamViewer for Remote assistance
- Linux OS

Standard Components

Tool Holder

Single way quick clamp with manual anti deflection system

Two way quick clamp with manual anti deflection system

One way quick clamp with click with anti deflection system

Two way quick clamp with click with anti deflection system

Wila Tool Holder

Wila style hydraulic/Pnumatic/ Manual with anti deflection system

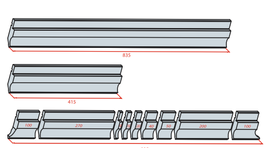
Wila style hydraulic/Pnumatic/ Manual die holder

Edge Series Bending Tools

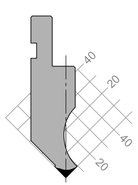
PARMAR®

PARMAR has wide range of bending tools solutions, such as 1V and multi-V lower tools and different upper tool solution. All tools are manufactured of high-class material. They are hardened, so the durability and accuracy are top quality. We sell only what our customers truly need. We even design the right tool for customer's needs from the very beginning, if needed.

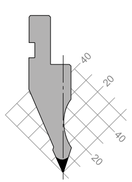
Punch



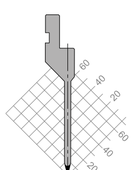
Standard Sectioning Punch



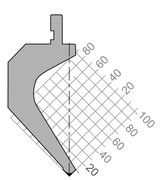
Standard Semi Gooseneck Punch



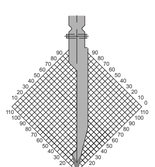
Standard Sharp Punch



Straight Sharp Punch

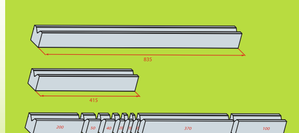


Gooseneck Punch



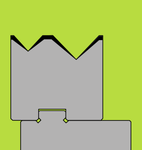
Wila Style Punch

Die

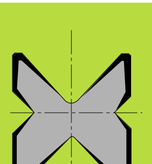


Standard Sectioning Die

1V Die



2V Die with Rail



4V Die

Hemming Die

Wila Style Die

CNC Crowning & Heavy Tools

Front & Back Gauge

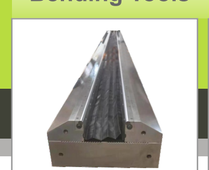
The high speed ballscrew back gauge system movement is also supported with linear guides, which helps the back gauge achieve long life, greater sensitivity and strengthens against any collisions.

Heavy Duty Sheet Support

The heavy duty sheet support front & back side with ball transfer for easily move heavy sheets.

Edge H Series Bending Tools

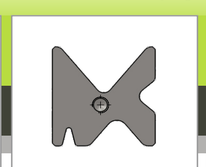
PARMAR has wide range of bending tools solutions, such as 1V and multi-V lower tools and different upper tool solution. All tools are manufactured of high-class material. They are hardened, so the durability and accuracy are top quality. Our own production ensures that our deliveries always match the order. We sell only what our customers truly need. We even design the right tool for customer's needs from the very beginning, if needed.



Automatic Motorised CNC Operated V Die

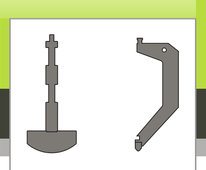
Hand Operated Adjustable V Die

Manual Adjustable V Die



Multi-V lower die without rollers

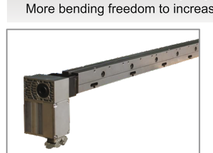
Lower die with rollers



Upper Holder with changeable Tools

The CNC Crowning automatically compensates the deflection of the lower frame. It regulates the wedges/hydrualic cylinder of the lower table automatically in order to create a perfect crowning for each single bend, according to the different lengths and bending forces.

It allows a constant bending angle all over the length even if the bending parameters are different from the common rule of using a V-die with a measure 8 times the thickness of the bent material. More bending freedom to increase productivity and working ease.



Automatic Crowning System

Automatic Hydraulic Crowning System

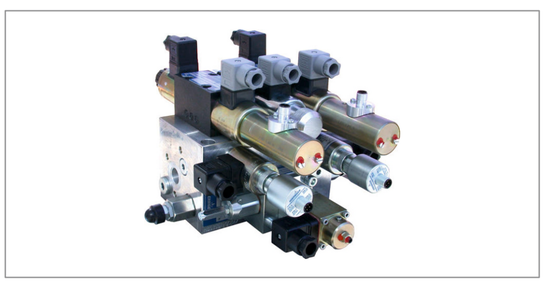
Without Crowning System

With Crowning System

Hydraulic Components

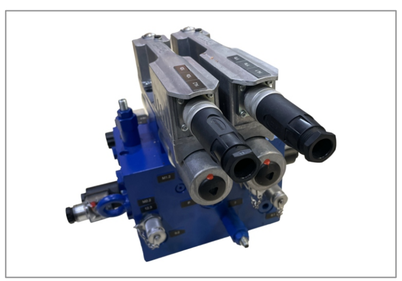
PARMAR®

Hydraulic System



Hydraulic Unit Powered By Hawe

Hydraulic System



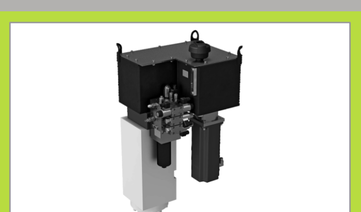
Hydraulic Unit Powered By Rexroth

Edge Series

Edge Series Press Brake with AC Motor with Standard Vane Pump

Edge Servo Series

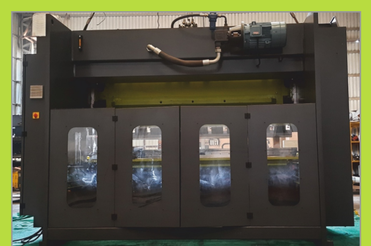
Edge Servo Series Press Brake with AC Servo Motor and Drive with Standard Servo Pump for less noise with 30% energy saving



Edge Hy-brid Series

Edge Hy-brid Series Press Brake with AC Servo Motor and Drive with Standard Servo Pump for less noise with 40% more productivity with 30% energy saving

Standard Components



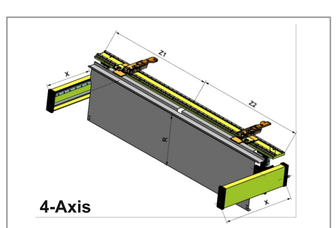
Back Guard

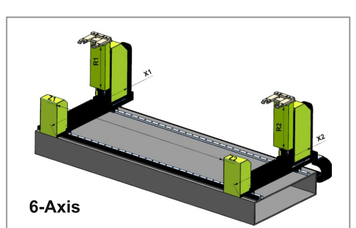
Side Guard

Linear Scale

High quality linear scale mounted on both side of machine for synchronize beam with accuracy up to + 0.01mm

Fingers





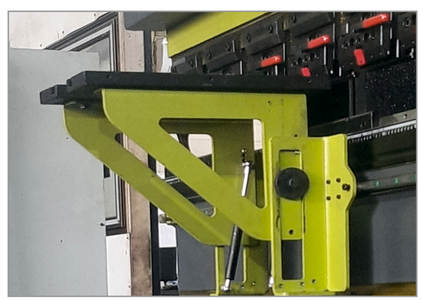
Back Gauge

The high speed ballscrew back gauge system movement is also supported with linear guides, which help the back gauge achieve long life, greater sensitivity and strengthens against any collisions.

Accessories

PARMAR®

Front Sheet Support



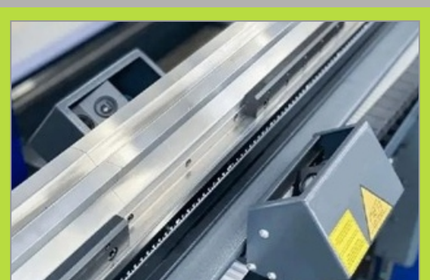
Automatic Sheet Followers

• Saving Labour • Improve efficiency press brake machine
• Completely synchronize for both follower action & bending movement • Upto 60° working

Laser Safety

Powered by LaserSafe, DSP , Fiessler

Automatic Angle Measure System



Powered by DATAM

Rear Cylinder Hydraulic Press Brake

PPBR SERIES

Capacity : 1270mm x 20 Ton to
6000mm x 600 Ton

NC Controller

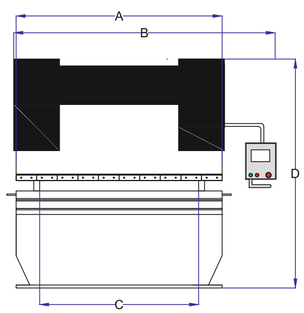
CYBELEC

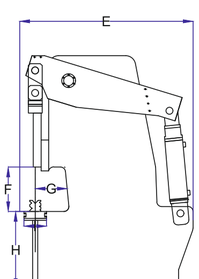
Cyb Touch 8

Cyb Touch 8 - Dedicated Press Brake NC controller from Cybelec (Switzerland). 2 Axis application in conventional press brake LCD Display Up to 100 programs store 25 bend in particularly 1 programs.

Rear Cylinder Hydraulic Press Brake

PARMAR®





Technical Specification

Model	Ton Cap.	(A) Bending Cap. mm (M.S.)	(H) Table Height	(I) Table Width	(C) Clear Distance	(G) Depth	Ram Stroke	(F) Open Height	Power H.P.	Ram Speed	Over all Dimension (L x W x H) (B) (W) (D)	Approx Weight in kgs.
PPBR-0212	20	1270 x 02	800	150	900	200	100	250	3	35 - 9 - 55	1450 x 1100 x 1900	1200
PPBR-0312	30	1270 x 03	800	150	900	200	100	250	3	35 - 9 - 55	1450 x 1100 x 1900	1400
PPBR-0412	40	1270 x 04	800	150	900	200	100	250	3	35 - 9 - 55	1450 x 1250 x 2050	1800
PPBR-0612	50	1270 x 05	800	180	900	200	125	250	5	30 - 7 - 55	1450 x 1500 x 2200	2300
PPBR-0612	60	1270 x 06	850	180	900	200	125	350	5	30 - 5 - 30	1450 x 1500 x 2350	2500
PPBR-0812	80	1270 x 08	850	200	900	250	150	330	7.5	37 - 6 - 41	1450 x 1700 x 2500	2700
PPBR-1012	100	1270 x 10	900	200	900	250	150	330	7.5	37 - 6 - 41	1450 x 1700 x 2500	3500
PPBR-1212	120	1270 x 12	900	230	900	300	150	330	10	40 - 5 - 40	1500 x 1850 x 2600	4500
PPBR-1612	160	1270 x 16	900	230	900	300	200	375	15	40 - 5 - 40	1500 x 1850 x 2600	5000
PPBR-0215	20	1525 x 02	800	150	1100	200	100	250	3	35 - 9 - 55	1700 x 1100 x 1900	1500
PPBR-0415	40	1525 x 03	800	150	1100	200	100	250	3	30 - 7 - 55	1700 x 1100 x 1900	2000
PPBR-0515	50	1525 x 04	800	180	1100	200	125	330	5	30 - 7 - 55	1700 x 1200 x 2000	2300
PPBR-0615	60	1525 x 05	850	180	1100	200	125	330	5	30 - 5 - 30	1750 x 1550 x 2000	2500
PPBR-0815	80	1525 x 06	850	200	1100	250	150	330	7.5	37 - 6 - 41	1750 x 1550 x 2300	2700
PPBR-1015	100	1525 x 08	900	200	1100	250	150	330	7.5	37 - 6 - 41	1750 x 1700 x 2500	4000
PPBR-1215	120	1525 x 10	900	230	1100	300	150	330	10	40 - 5 - 40	1750 x 1850 x 2600	5000
PPBR-1615	160	1525 x 12	900	230	1100	300	200	375	15	40 - 5 - 40	1750 x 1850 x 2600	5500
PPBR-2015	200	1525 x 16	900	250	1100	300	200	375	20	37 - 5 - 37	1750 x 1850 x 2600	6000
PPBR-0320	30	2030 x 02	800	150	1500	200	100	250	3	30 - 7 - 55	2200 x 1100 x 1900	1700
PPBR-0520	50	2030 x 03	800	180	1500	200	125	330	5	30 - 7 - 55	2200 x 1100 x 1900	2700
PPBR-0620	60	2030 x 04	850	180	1500	200	125	330	5	30 - 5 - 30	2200 x 1100 x 1900	3100
PPBR-0820	80	2030 x 05	850	200	1500	250	150	330	7.5	37 - 6 - 41	2250 x 1200 x 2000	3600
PPBR-1020	100	2030 x 06	850	200	1500	250	150	330	7.5	37 - 6 - 41	2250 x 1500 x 2000	4500
PPBR-1220	120	2030 x 08	900	230	1500	300	150	330	10	40 - 5 - 40	2250 x 1500 x 2000	5500
PPBR-1620	160	2030 x 10	900	230	1500	300	150	375	15	40 - 5 - 40	2250 x 1800 x 2500	6500
PPBR-2020	200	2030 x 12	900	250	1500	300	200	375	20	37 - 5 - 37	2250 x 2000 x 2600	7000
PPBR-2520	250	2030 x 16	900	250	1500	300	200	375	25	37 - 5 - 37	2250 x 2150 x 2700	8000
PPBR-3020	300	2030 x 20	900	280	1500	350	200	425	30	37 - 5 - 37	2250 x 2150 x 2700	9000
PPBR-4020	400	2030 x 25	950	300	1500	350	250	450	40	30 - 5 - 34	2250 x 2250 x 3000	15500
PPBR-5020	500	2030 x 30	950	350	1500	350	250	450	50	28 - 5 - 28	2250 x 2300 x 3000	18000
PPBR-0425	40	2540 x 02	800	150	2000	200	100	250	3	30 - 7 - 55	2750 x 1100 x 1900	2500
PPBR-0625	60	2540 x 03	800	180	2000	200	125	330	5	30 - 5 - 30	2750 x 1100 x 1900	3500
PPBR-0825	80	2540 x 04	850	200	2000	250	150	330	7.5	37 - 6 - 41	2700 x 1200 x 2000	4200
PPBR-1025	100	2540 x 05	850	200	2000	250	150	330	7.5	37 - 6 - 41	2700 x 1500 x 2200	5000
PPBR-1225	120	2540 x 06	850	230	2000	300	150	330	10	40 - 5 - 40	2700 x 1500 x 2200	5700
PPBR-1625	160	2540 x 08	900	230	2000	300	200	375	15	40 - 5 - 40	2700 x 1750 x 2500	7000
PPBR-2025	200	2540 x 10	900	250	2000	300	200	375	20	37 - 5 - 37	2700 x 1800 x 2600	8500

Model	Ton Cap.	(A) Bending Cap. mm (M.S.)	(H) Table Height	(I) Table Width	(C) Clear Distance	(G) Depth	Ram Stroke	(F) Open Height	Power H.P.	Ram Speed	Over all Dimension (L x W x H) (B) (W) (D)	Approx Weight in kgs.
PPBR-2525	250	2540 x 12	900	250	2000	300	200	375	25	37 - 5 - 37	2700 x 2000 x 2700	10000
PPBR-3025	300	2540 x 16	900	280	2000	300	200	425	30	37 - 5 - 37	2700 x 2000 x 2700	11500
PPBR-4025	400	2540 x 20	950	300	2000	350	250	450	40	30 - 5 - 34	2700 x 2200 x 2900	18000
PPBR-5025	500	2540 x 25	950	350	2000	350	250	450	50	28 - 5 - 28	2700 x 2250 x 3000	21500
PPBR-0530	50	3125 x 02	850	180	2500	200	125	330	5	30 - 7 - 55	3350 x 1200 x 2000	3500
PPBR-0830	80	3125 x 03	850	200	2500	250	150	330	7.5	37 - 6 - 41	3350 x 1500 x 2200	4500
PPBR-1030	100	3125 x 04	900	200	2500	250	150	330	7.5	37 - 6 - 41	3350 x 1700 x 2400	5300
PPBR-1230	120	3125 x 05	900	230	2500	300	150	330	10	40 - 5 - 40	3350 x 1750 x 2500	6500
PPBR-1630	160	3125 x 06	900	230	2500	300	200	375	15	40 - 5 - 40	3350 x 1850 x 2500	8000
PPBR-2030	200	3125 x 08	900	250	2500	300	200	375	20	37 - 5 - 37	3350 x 2000 x 2600	9800
PPBR-2530	250	3125 x 10	900	250	2500	300	200	375	25	37 - 5 - 37	3350 x 2100 x 2800	11000
PPBR-3030	300	3125 x 12	900	280	2500	350	200	425	30	37 - 5 - 37	3350 x 2200 x 2900	13000
PPBR-4030	400	3125 x 16	950	300	2500	350	250	450	40	30 - 5 - 34	3350 x 2200 x 2900	20000
PPBR-5030	500	3125 x 20	950	350	2500	350	250	450	50	28 - 5 - 28	3350 x 2400 x 3300	2200
PPBR-0640	60	4000 x 02	850	180	3000	200	125	330	5	30 - 5 - 30	4200 x 1500 x 2200	4000
PPBR-1040	100	4000 x 03	850	200	3000	250	150	330	7.5	37 - 6 - 41	4250 x 1600 x 2300	6000
PPBR-1240	120	4000 x 04	900	230	3000	300	150	330	10	40 - 5 - 40	4250 x 1700 x 2350	8000
PPBR-1640	160	4000 x 05	900	230	3000	300	200	375	15	40 - 5 - 40	4250 x 1700 x 2550	9000
PPBR-2040	200	4000 x 06	900	250	3000	300	200	375	20	37 - 5 - 37	4250 x 1850 x 2600	10000
PPBR-2540	250	4000 x 08	900	250	3000	300	200	375	25	37 - 5 - 37	4250 x 2100 x 2600	12500
PPBR-3040	300	4000 x 10	900	280	3000	300	200	425	30	37 - 5 - 37	4250 x 2150 x 2700	15000
PPBR-4040	400	4000 x 12	950	300	3000	350	250	450	40	30 - 5 - 34	4250 x 2200 x 2900	21000
PPBR-5040	500	4000 x 16	950	350	3000	350	250	450	50	28 - 5 - 28	4250 x 2300 x 3000	23000
PPBR-1250	120	5000 x 03	850	230	4000	300	200	330	10	40 - 5 - 40	5250 x 1800 x 2400	8500
PPBR-1650	160	5000 x 04	900	230	4000	300	200	375	15	40 - 5 - 40	5250 x 1900 x 2500	9500
PPBR-2030	200	5000 x 05	900	250	4000	300	200	375	20	37 - 5 - 37	5250 x 2000 x 2600	11000
PPBR-2550	250	5000 x 06	900	250	4000	300	200	375	25	37 - 5 - 37	5250 x 2100 x 2700	13000
PPBR-3050	300	5000 x 08	900	250	4000	350	200	425	30	37 - 5 - 37	5250 x 2200 x 2900	16000
PPBR-4050	400	5000 x 10	950	300	4000	350	250	450	40	30 - 5 - 34	5250 x 2300 x 3000	23000
PPBR-5050	500	5000 x 12	950	350	4000	350	250	450	50	28 - 5 - 28	5250 x 2400 x 3300	25000
PPBR-1660	160	6000 x 03	900	230	5000	300	200	375	15	40 - 5 - 40	6250 x 1900 x 2600	11500
PPBR-2060	200	6000 x 04	900	250	5000	300	200	375	20	37 - 5 - 37	6250 x 2100 x 2750	13000
PPBR-2560	250	6000 x 05	900	250	5000	300	200	375	25	37 - 5 - 37	6250 x 2100 x 2800	16000
PPBR-3060	300	6000 x 06	900	280	5000	300	200	425	30	37 - 5 - 37	6250 x 2200 x 3000	20000
PPBR-4060	400	6000 x 08	950	300	5000	350	250	450	40	30 - 5 - 34	6250 x 2200 x 3100	24000
PPBR-5060	500	6000 x 10	950	350	5000	350	250	450	50	28 - 5 - 28	6250 x 2300 x 3300	27000
PPBR-6060	600	6000 x 12	950	400	5000	350	250	450	60	25 - 4 - 25	6250 x 2350 x 3400	30000

Standard Features:

- Front Sheet Support
- Rear Gauge by Front Operated
- One Suitable Five Way Die.
- Punch
- Manual Operated Lubrication System
- Pair of Lifting Links
- Movable Operation Console with Foot Switch & Various Operation Push Buttons
- Main Motor Drive
- Die Clamp
- Electric Control Penal with Selection of 'Auto', 'Inch' & 'Single' Cycle Mode Operation

Optional Accessories:

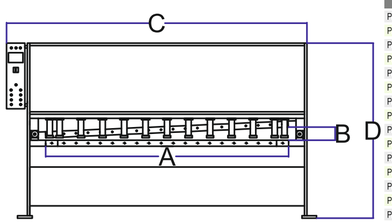
- Motorised Back Gauge with PLC
- Anti Detection System
- Sliding Sheet Support with Swing Away Stoppers
- Extra Depth
- NC Controller
- Extra Horns.

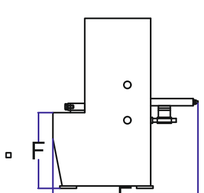
Variable Rack Angle Hydraulic Shearing Machine

CNC/NC SERIES

Technical Specification

PARMAR®





Model	(A) Cutting Length M.M	Cutting Thickness M.S. Min. / Max. Rake Angle	Cutting Thickness S.S. Min. / Max. Rake Angle	(F) Table Height	(B) Variable Rake Angle	Strokes/ Minute at Min. & Max. Rake Angle	Hold Downs	Power H.P.	Over all Packing Dimension (L x W x H) (C) (E) (D)	Approx. Weight in Kgs.
PHVR-0315	1500	3/4	2/3	850	0.5-2º	16/13	9	3	2250-1850-2000	2000
PHVR-0320	2000	3/4	2/3	850	0.5-2º	14/12	11	5	2750-1850-2000	2500
PHVR-0325	2500	3/4	2/3	850	0.5-2º	22/11	13	5	3200-1850-2000	3000
PHVR-0330	3000	3/4	2/3	850	0.5-2º	20/10	17	7.5	3700-1850-2000	3500
PHVR-0415	1500	4/6	3/4	850	0.5-3º	30/15	9	5	2250-1850-2100	2500
PHVR-0420	2000	4/6	3/4	850	0.5-3º	27/12	11	5	2750-1850-2100	3000
PHVR-0425	2500	4/6	3/4	850	0.5-3º	26/10	13	7.5	3300-2250-2450	3500
PHVR-0430	3000	4/6	3/4	850	0.5-3º	25/10	17	7.5	3700-2250-2450	4500
PHVR-0440	4000	4/6	3/4	850	0.5-3º	20/8	21	7.5	4700-2250-2450	5500
PHVR-0450	5000	4/6	3/4	850	0.5-3º	15/6	25	10	5700-1900-2150	7500
PHVR-0460	6000	4/6	3/4	850	0.5-3º	14/5	30	12.5	6700-1400-2150	10000
PHVR-0615	1500	6/8	4/6	850	0.5-3º	20/10	9	7.5	2250-1900-2150	3500
PHVR-0620	2000	6/8	4/6	850	0.5-3º	20/10	11	7.5	1750-1900-2150	4000
PHVR-0625	2500	6/8	4/6	850	0.5-3º	25/11	13	10	3300-2250-2550	5000
PHVR-0630	3000	6/8	4/6	850	0.5-3º	23/9	17	10	3800-2250-2550	6000
PHVR-0640	4000	6/8	4/6	850	0.5-3º	20/8	21	12.5	4800-2500-2550	7000
PHVR-0650	5000	6/8	4/6	850	0.5-3º	16/7	25	15	5800-2500-2750	10000
PHVR-0660	6000	6/8	4/6	850	0.5-3º	12/5	30	20	6800-2700-2750	13000
PHVR-0815	1500	8/10	6/8	850	0.5-3º	21/10	9	10	2250-2050-2250	4500
PHVR-0820	2000	8/10	6/8	850	0.5-3º	17/8	11	10	2750-2050-2250	5000
PHVR-0825	2500	8/10	6/8	850	0.5-3º	19/8	13	12.5	3300-2350-2650	6000
PHVR-0830	3000	8/10	6/8	850	0.5-3º	17/7	17	12.5	3800-2350-2650	7000
PHVR-0840	4000	8/10	6/8	850	0.5-3º	15/6	21	20	4800-2350-2650	9000
PHVR-0850	5000	8/10	6/8	850	0.5-3º	14/5	25	20	5800-2500-2850	11500
PHVR-0860	6000	8/10	6/8	850	0.5-3º	12/5	30	25	6800-2700-3050	15000
PHVR-1015	1500	10/13	8/10	850	0.5-3º	19/10	9	12.5	2250-2050-2350	5000
PHVR-1020	2000	10/13	8/10	850	0.5-3º	18/8	11	12.5	2750-2050-2350	5500
PHVR-1025	2500	10/13	8/10	850	0.5-3º	16/7	13	15	3300-2500-2850	7000
PHVR-1030	3000	10/13	8/10	850	0.5-3º	15/7	17	15	3800-2500-2850	8500
PHVR-1040	4000	10/13	8/10	850	0.5-3º	13/5	21	25	4800-2600-3050	10500
PHVR-1050	5000	10/13	8/10	850	0.5-3º	12/5	25	25	5800-2800-3050	15000

Model	(A) Cutting Length M.M	Cutting Thickness M.S. Min. / Max. Rake Angle	Cutting Thickness S.S. Min. / Max. Rake Angle	(F) Table Height	(B) Variable Rake Angle	Strokes/ Minute at Min. & Max. Rake Angle	Hold Downs	Power H.P.	Over all Packing Dimension (L x W x H) (C) (E) (D)	Approx. Weight in Kgs.
PHVR-1060	6000	10/13	8/10	850	0.5-3º	10/4	30	30	6800-3000-3250	19000
PHVR-1080	8000	10/13	8/10	1000	0.5-3º	4/2	40	30	8800-3000-3250	24000
PHVR-1315	1500	13/16	10/13	850	1-3º	15/7	9	15	2300-2200-2550	6000
PHVR-1320	2000	13/16	10/13	850	1-3º	13/6	11	15	2800-2200-2850	8000
PHVR-1325	2500	13/16	10/13	850	1-3º	13/5	13	25	3350-2600-2850	9500
PHVR-1330	3000	13/16	10/13	850	1-3º	12/5	17	25	3850-2600-2850	11500
PHVR-1340	4000	13/16	10/13	850	1-3º	11/5	21	25	4850-2600-2850	16000
PHVR-1350	5000	13/16	10/13	850	1-3º	10/4	25	30	5850-2800-3050	21000
PHVR-1360	6000	13/16	10/13	850	1-3º	10/4	30	35	6850-3000-3250	29000
PHVR-1620	2000	16/20	13/16	850	1-3º	16/8	11	30	2850-2200-2650	8500
PHVR-1625	2500	16/20	13/16	850	1-3º	13/6	13	30	3350-2600-2950	10500
PHVR-1630	3000	16/20	13/16	850	1-3º	12/6	17	30	3900-2600-2950	14000
PHVR-1640	4000	16/20	13/16	850	1-3º	12/5	21	30	4900-2800-3050	18000
PHVR-1650	5000	16/20	13/16	850	1-3º	10/4	25	35	5900-3000-3250	25000
PHVR-1660	6000	16/20	13/16	850	1-3º	9/4	30	40	6900-3200-3450	38000
PHVR-1680	8000	16/20	13/16	1200	1-3º	4/2	40	40	8900-3200-3500	46000
PHVR-2020	2000	20/25	16/20	850	1-3º	9/6	11	40	3900-2500-2650	10000
PHVR-2025	2500	20/25	16/20	850	1-3º	8/5	13	40	3500-2750-3050	11000
PHVR-2030	3000	20/25	16/20	850	1-3º	7/4	17	40	4000-2750-3050	15000
PHVR-2040	4000	20/25	16/20	850	1-3º	7/4	21	50	5000-2950-3250	24000
PHVR-2050	5000	20/25	16/20	850	1-3º	6/3	25	60	6000-3100-3450	30000
PHVR-2060	6000	20/25	16/20	850	1-3º	6/3	30	40	7000-3300-3650	44000
PHVR-2515	1500	25/30	20/25	850	1-3º	7/4	9	50	2400-2800-2850	10000
PHVR-2520	2000	25/30	20/25	850	1-3º	8/5	11	50	3100-2800-2850	12000
PHVR-2525	2500	25/30	20/25	850	1-3º	7/4	13	60	3600-2900-3050	17000
PHVR-2530	3000	25/30	20/25	850	1-3º	7/4	17	60	4100-3000-3250	24000
PHVR-2540	4000	25/30	20/25	850	1-3º	6/3	21	75	5100-3100-3250	30000
PHVR-2550	5000	25/30	20/25	850	1-3º	7/4	25	75	6100-3200-3550	38000
PHVR-2560	6000	25/30	20/25	1200	1-3º	5/3	30	75	7000-3200-3600	48000
PHVR-2580	8000	25/30	20/25	1200	1-3º	4/2	40	75	9000-3200-3700	53000

Note: We remain the rights to modify design, HP over all dimensions, weight & any other technical specification of the machines without any prior notice.

* All Dimensions are in MM

Standard Features:

- Four Edge HCHCR Blade Suitable for M.S. & S.S.
- Electic Panel with inch & Auto Operate System
- Movable Foot Operated Switch
- Front Sheet Support
- Main Motor Drive
- Manual Back Clearance Adjust System
- Stock Counter
- Digital Rake Angle Controller
- Rear Gauge with Scale
- Hydraulic Hold Down System
- Steel Ball Transfer Mounters on Table

Optional Accessories:

- Motorised Back Gauge with DRO
- NC Controller with AC Servo Motor & Ball Screw
- First Fill of Hydraulic Oil
- Sheet Front Feeding System
- Rear Sheet Support
- Foundation Bolt

Shearing Controller

CybTouch 8 W

- Intuitive and user-friendly interface.
- Large, vivid and high-contrast touchscreen.
- Clear display, large keys, simple pages displaying all the information the operator needs.
- Very simple single cuts with EasyCut page.
- Programming allows efficient mass-production of complex cuts.
- Online help and warning pop-ups make it a very user-friendly software.

CybTouch 12 G

- High-contrast touchscreen, with vivid colors.
- Simple pages, large keys, clear display with all the information the operator needs.
- Intuitive and user-friendly interface.
- Complete programming of parts in seconds.
- Quick set up of the machine with the EasyCut page.
- Contextual help and warning pop-up.

DAC 360T

- Panel based housing • Bright LCD screen
- Back gauge control • Retract function
- Cutting angle or gap control
- Stroke length limitation
- Manual movement of axes
- Stock count

Our Excellence

Back Gauge

Automatic Blade gap System

Automatic sheet 2 stop sheet supports

Company Profile

PARMAR®

Our 20 years old experience and research for input of modern technology is a source of strength the name **Parmar CNC Machines (India) LLP** has become renowned in sheet metal machinery.

we, '**Parmar CNC Machines (India) LLP**' are a renowned firm engaged in manufacturing and supplying an exclusive range of Power Press Machine, Mechanical Shearing Machine, Hydraulic Shearing Machine, Hydraulic Brake Press, Plate Roll Bending Machine, Iron worker Machine, Hydraulic Press. We offer the products under brand name "PARMAR".

Our offered range of the products are developed using excellent quality raw material and ultra-modern technology. Our experienced and expert team of professionals develop this range of the products in compliance with the industry set guidelines

Our machines are widely accepted in industries of Air conditioning industries, control panel, Automobile industries, Furniture industries, Aluminum foil industries many more for continues production runs & increase requiring and repeatability couple with high production.