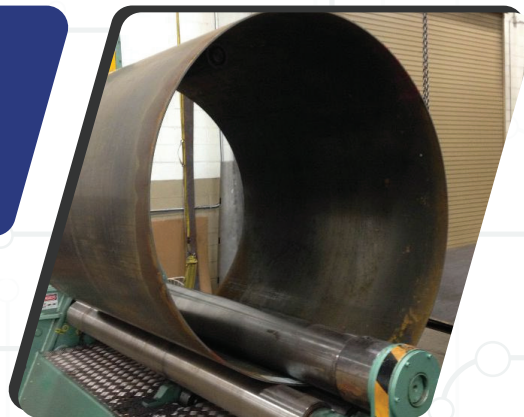


GANESHA
MECHTECH(I)
PVT. LTD.

INNOVATING THE MACHINERY OF FUTURE



Best Plate and Pipe Machinery
Manufacturer and Exporter

www.pipeplatebendingmachine.com

About Us



Ganesha MechTech is a trusted name in the world of metal forming machinery, specializing in the design and manufacturing of pipe bending machines, plate rolling machines, and custom bending solutions. With a focus on innovation, durability, and performance, we help industries achieve precision in every bend.

Founded with a vision to empower manufacturing, construction, and metalworking businesses, our company has grown into a reliable machinery partner known for quality, service, and customer satisfaction.

01

HIGH QUALITY

Ganesha Mechtech Engineers is a trusted name in highquality machine manufacturing. Renowned for precision engineering and innovative solutions



02

PROFESSIONAL TEAM

Our Professional Team Is Technically Trained Sales expert, Consultants and Engineers



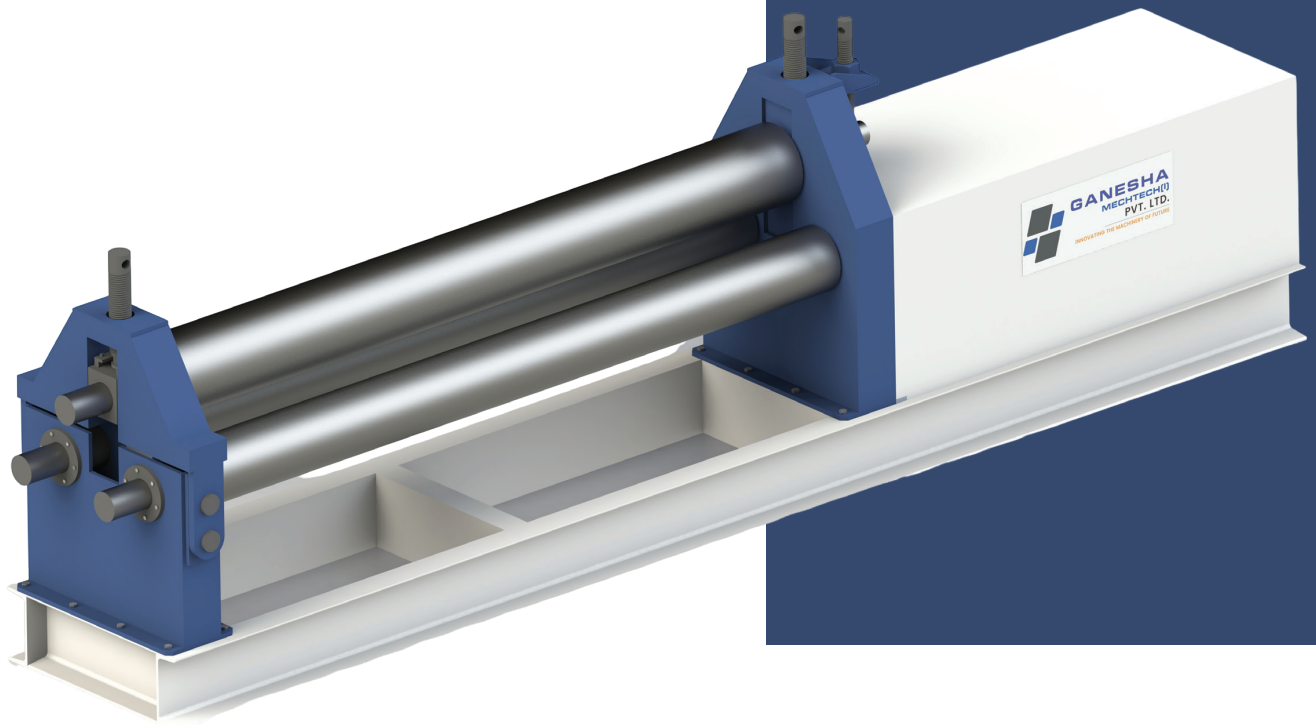
03

QUICK RESPONSE

Reply Within 2 hours
On Working Days



MANUAL PLATE ROLLING MACHINE



A manual plate rolling machine is a mechanical device used to bend and shape flat metal sheets into cylindrical or conical forms. It operates without the need for electrical power, making it ideal for small-scale workshops, maintenance jobs, and educational purposes. These machines are commonly used in fabrication, sheet metal work, duct making, and light manufacturing.

FEATURES

- Three-Roll Configuration
- Robust and Heavy-Duty Construction
- Adjustable Rolls
- Specialized for Metal Forming

Applications:

- Making cylinders, tubes, and curved parts from sheet metal.
- Used in ducting, tanks, pipes, decorative metalwork, and small fabrication jobs.
- Widely applied in HVAC, metal furniture, and workshop projects.

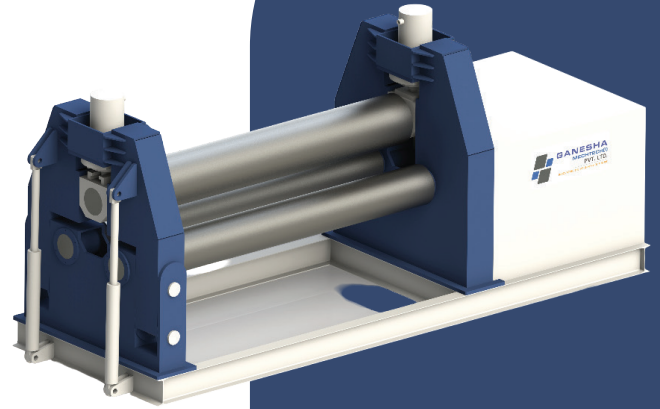
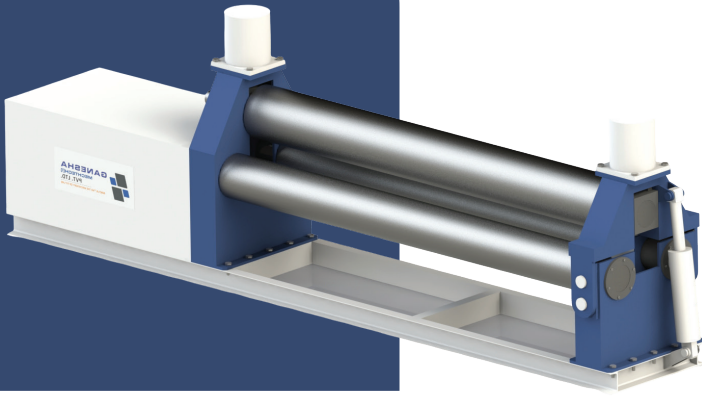
Advantages:

- Low cost compared to hydraulic or motorized machines.
- Requires manual effort, less productive for large jobs.
- Precision depends on operator skill.

TECHNICAL DATA

Model no.	Capacity in MS(MM)	TOP ROLL (MM)	BOTTOM ROLL (MM)	MOTOR (H.P.)
PR-123	1250X3	100	90	2.0
PR-126	1250X6	125	105	3.0
PR-1210	1250X10	150	125	5.0
PR-1212	1250X12	175	140	7.5
PR-1216	1250X16	190	150	7.5
PR-1220	1050X20	200	160	10.0
PR-153	1500X3	115	200	15.0
PR-156	1500X6	140	100	3.0
PR-1510	1500X10	160	115	5.0
PR-1512	1500X12	180	135	7.5
PR-1516	1500X16	200	150	7.5
PR-1520	1500X20	215	160	10.0
PR-1525	1500X25	250	170	12.0
PR-203	2000X3	130	215	15.0
PR-206	2000X6	160	105	3.0
PR-2010	2000X10	185	135	5.0
PR-2012	2000X12	205	150	7.5
PR-2016	2000X16	215	160	12.5
PR-2020	2000X20	230	175	15.0
PR-2025	2500X25	275	190	20.0
PR-253	2500X3	150	230	5.0
PR-256	2500X6	175	150	7.5
PR-2510	2500X10	200	170	10.0
PR-2512	2500X12	230	180	15.0
PR-2516	1500X16	240	200	20.0
PR-2520	2500X20	260	325	20.0
PR-2525	2500X25	300	350	30.0
PR-2530	2500X30	375	150	40.0
PR-2540	2500X40	400	170	50.0
PR-303	3000X3	175	150	7.5
PR-306	3000X6	200	170	10.0
PR-3010	3000X10	240	200	15.0
PR-3012	3000X12	260	220	20.0
PR-3016	3000X16	275	225	20.0
PR-3020	3000X20	290	250	25.0
PR-3025	3000X25	340	190	40.0

Semi Hydraulic Plate Rolling Machine



A Semi-Hydraulic Plate Rolling Machine is a sheet metal forming machine designed to roll flat metal plates into cylindrical, curved, or conical shapes. Unlike purely manual machines, it incorporates hydraulic assistance for lifting, adjusting, or positioning rollers, while plate feeding and rolling are generally performed manually or through mechanical drives.

Advantages

- Cheaper than fully hydraulic
- Less power & maintenance
- Easier operation than mechanical
- Good for medium-thickness plates

Limitation

- Limited capacity & slower than fully hydraulic
- Less precision, less automation
- Not ideal for heavy industrial use
- Slower than fully hydraulic

APPLICATIONS:

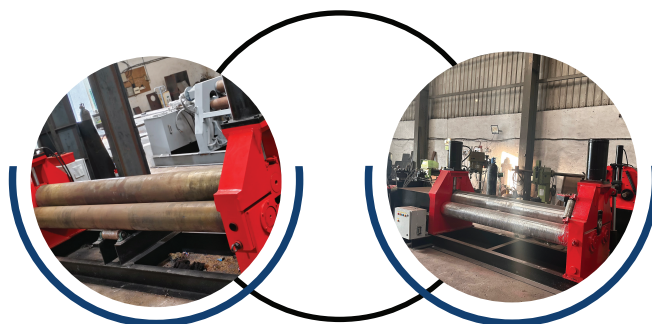
- Pressure Vessels & Storage Tanks
- Boiler and Heat Exchanger Fabrication
- Wind Towers and Infrastructure Projects
- Shipbuilding & Marine Applications
- Construction and Fabrication Shops

FEATURES :

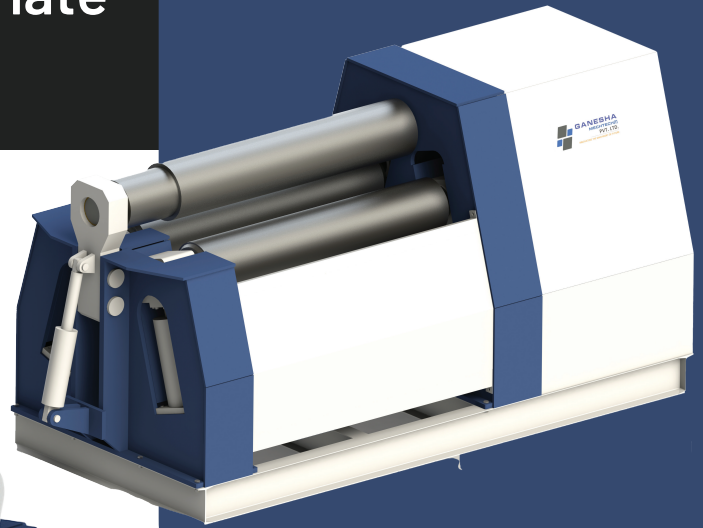
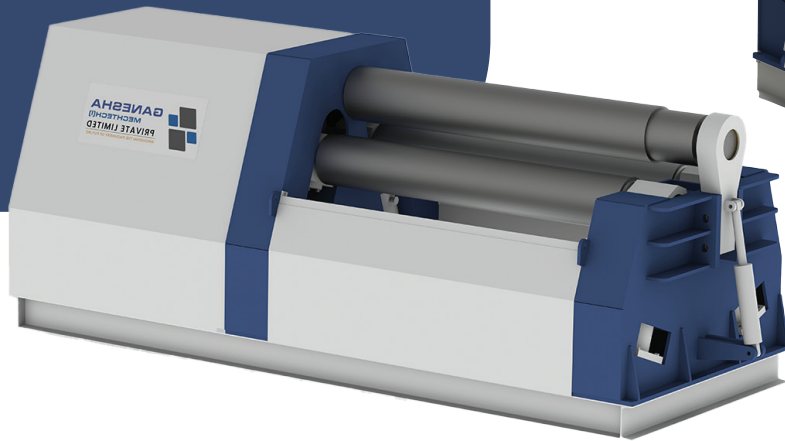
- Combination of mechanical and hydraulic operation
- Simple operation and maintenance
- Suitable for medium-thickness plates
- Cost-effective for small/medium workshops

TECHNICAL DATA

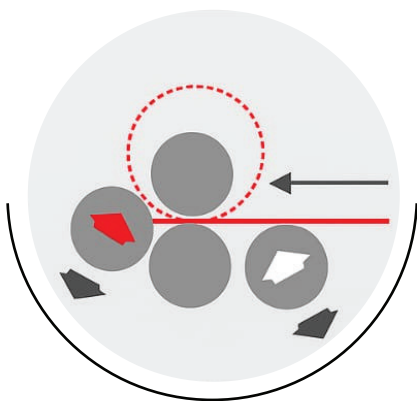
Model no.	Capacity in MS(MM)	TOP ROLL (MM)	BOTTOM ROLL (MM)	MOTOR (H.P.)
HPR-123	1250X3	100	90	2.0
HPR-126	1250X6	125	105	3.0
HPR-1210	1250X10	150	125	5.0
HPR-1212	1250X12	175	140	7.5
HPR-1216	1250X16	190	150	7.5
HPR-1220	1050X20	200	160	10.0
HPR-153	1500X3	115	200	15.0
HPR-156	1500X6	140	100	3.0
HPR-1510	1500X10	160	115	5.0
HPR-1512	1500X12	180	135	7.5
HPR-1516	1500X16	200	150	7.5
HPR-1520	1500X20	215	160	10.0
HPR-1525	1500X25	250	170	12.0
HPR-203	2000X3	130	215	15.0
HPR-206	2000X6	160	105	3.0
HPR-2010	2000X10	185	135	5.0
HPR-2012	2000X12	205	150	7.5
HPR-2016	2000X16	215	160	12.5
HPR-2020	2000X20	230	175	15.0
HPR-2025	2500X25	275	190	20.0
HPR-253	2500X3	150	230	5.0
HPR-256	2500X6	175	150	7.5
HPR-2510	2500X10	200	170	10.0
HPR-2512	2500X12	230	180	15.0
HPR-2516	1500X16	240	200	20.0
HPR-2520	2500X20	260	325	20.0
HPR-2525	2500X25	300	350	30.0
HPR-2530	2500X30	375	150	40.0
HPR-2540	2500X40	400	170	50.0
HPR-303	3000X3	175	150	7.5
HPR-306	3000X6	200	170	10.0
HPR-3010	3000X10	240	200	15.0
HPR-3012	3000X12	260	220	20.0
HPR-3016	3000X16	275	225	20.0
HPR-3020	3000X20	290	250	25.0
HPR-3025	3000X25	340	190	40.0



3 Roller Hydraulic Pre Pinch Plate Rolling Machine



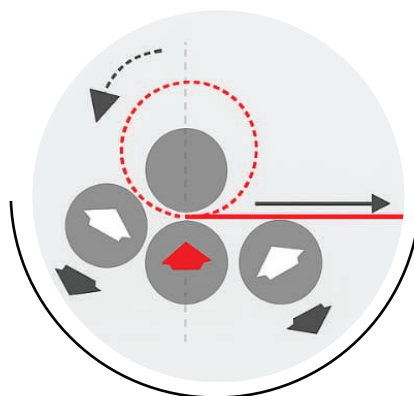
A 3-Roller Hydraulic Pre-Pinch Plate Rolling Machine is a heavy-duty machine used for rolling metal plates into cylindrical or conical shapes with high accuracy. The machine features three powered rollers, all controlled hydraulically, which provide excellent bending force and precision.



HOW IT WORKS

The two side rolls pivot around a very heavy solid pin.

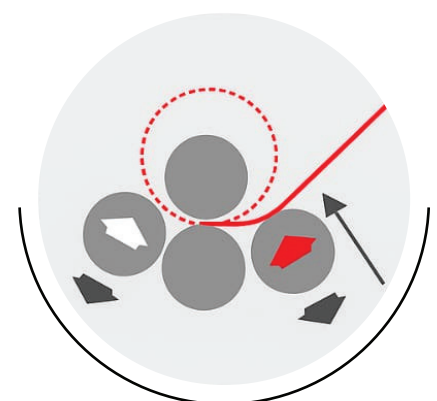
They pull from "inside" The outboard pushing of the plate during the forming process is "retained" by the inside of the structure



THE ADVANTAGES

They allow getting the absolute best pre bending experience.

The edge is "prebent" by "elastic" rounding of its fibers (and not "folded" as on the linear guides)



THE PERFECT PRE BENDING

It makes the radius, without angles, or straight portion.

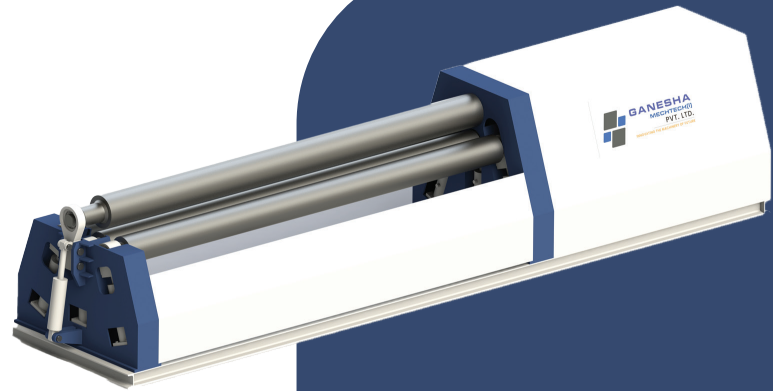
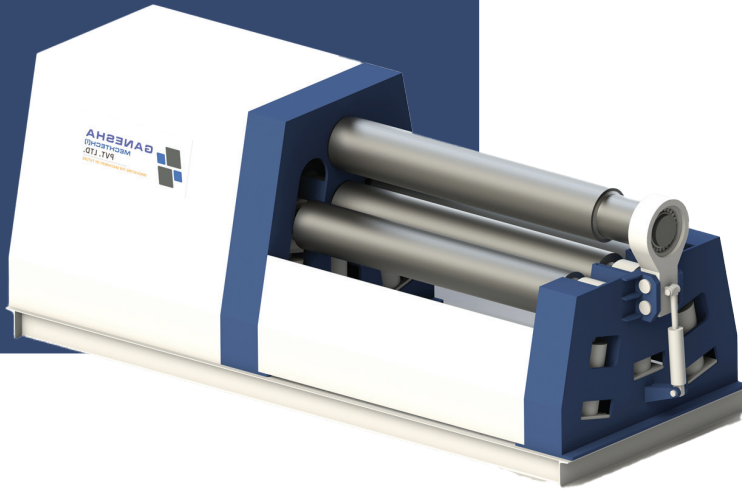
Flat end is virtually removed and reduce by 40-50% compared to the linear guides

TECHNICAL DATA

MODEL NO.	LENGTH	MAXIMUM	PRE BEND	TOP ROLL	SIDE ROLLS	POWER
HPPR - 0620	2100	6	4	170	170	5
HPPR - 0820	2100	8	6	200	180	7.5
HPPR - 1020	2100	10	8	210	190	7.5
HPPR - 1320	2100	13	10	240	210	7.5
HPPR - 1620	2100	16	12	280	250	10
HPPR - 2020	2100	20	16	310	280	15
HPPR - 2025	2100	25	20	340	310	20
HPPR - 3020	2100	30	24	370	340	25
HPPR - 3220	2100	32	25	380	350	25
HPPR - 3520	2100	35	28	400	370	25
HPPR - 4020	2100	40	32	420	400	30
HPPR - 5020	2100	50	40	470	430	40
HPPR - 0625	2600	6	4	190	170	5
HPPR - 0825	2600	8	6	210	190	7.5
HPPR - 1025	2600	10	8	240	210	10
HPPR - 1325	2600	13	10	270	250	12.5
HPPR - 1625	2600	16	12	300	280	15
HPPR - 2025	2600	20	15	340	310	20
HPPR - 2525	2600	25	20	370	350	25
HPPR - 3025	2600	30	24	400	370	300
HPPR - 3525	2600	35	28	420	390	30
HPPR - 4025	2600	40	32	440	400	30
HPPR - 5025	2600	50	40	500	460	40
HPPR - 0630	3100	6	4	210	200	50
HPPR - 0830	3100	8	6	240	210	7.5
HPPR - 1030	3100	10	8	270	250	10
HPPR - 1330	3100	13	10	300	270	10
HPPR - 1630	3100	16	12	330	300	15
HPPR - 2030	3100	20	16	370	340	20
HPPR - 2530	3100	25	20	400	370	25
HPPR - 3030	3100	30	24	430	400	30
HPPR - 3530	3100	35	28	450	420	40
HPPR - 4030	3100	40	32	470	430	50
HPPR - 5030	3100	50	40	510	480	50



4 Roller Hydraulic Pre Pinch Plate Rolling Machine



STANDARD FEATURES

- I Solid Rolls of EN 8/9 with material TC
- Planetary Gearbox for higher torque
- Spherical roller bearings on all 3 roll shafts.
- Sophisticated Hydraulic Power Pack
- Movable Operating Panel Desk
- Hydraulic swing arm for finished part removal by Push Button
- Conical Bending Attachment

OPTIONAL FEATURES

- Hardened & Ground Rolls
- Variable Speed of Rotation
- Material Feeding Table
- Side Support for large diameter shells
- Hydraulic Top Support for large diameter shells.
- Auto Ejection System for removing bending parts
- Oil Air Cooling System
- Automatic Lubrication System



MODEL NO.	WORKING	MAXIMUM	PRE BEND	TOP ROLL	BOTTOM	SIDE ROLLS	POWER
4R HPPR - 0620	2100	6	4	160	160	140	5
4R HPPR - 0820	2100	8	6	190	190	150	7.5
4R HPPR - 1020	2100	10	8	210	190	175	10
4R HPPR - 1320	2100	13	10	230	210	190	10
4R HPPR - 1620	2100	16	12	270	250	220	15
4R HPPR - 2520	2100	20	16	300	270	240	20
4R HPPR - 2020	2100	25	20	330	300	250	20
4R HPPR - 3020	2100	30	24	360	330	270	25
4R HPPR - 3220	2100	32	25	360	350	280	25
4R HPPR - 3520	2100	35	28	380	350	300	30
4R HPPR - 4020	2100	40	32	400	360	320	30
4R HPPR - 5020	2100	50	40	460	430	380	40
4R HPPR - 0625	2600	6	4	190	190	150	5
4R HPPR - 0825	2600	8	6	210	190	170	7.5
4R HPPR - 1025	2600	10	8	230	210	190	10
4R HPPR - 1325	2600	13	10	270	250	210	12.5
4R HPPR - 1625	2600	16	12	300	270	240	15
4R HPPR - 2025	2600	20	15	330	300	250	20
4R HPPR - 2525	2600	25	20	360	330	270	25
4R HPPR - 3025	2600	30	24	390	360	300	30
4R HPPR - 3525	2600	35	28	400	370	310	40
4R HPPR - 4025	2600	40	32	430	400	340	40
4R HPPR - 5025	2600	50	40	510	470	400	50
4R HPPR - 0630	3100	6	4	210	190	170	7.5
4R HPPR - 0830	3100	8	6	240	210	190	10
4R HPPR - 1030	3100	10	8	270	250	210	12.5
4R HPPR - 1330	3100	13	10	300	270	230	15
4R HPPR - 1630	3100	16	12	330	300	250	20
4R HPPR - 2030	3100	20	16	360	330	270	25
4R HPPR - 2530	3100	25	20	390	360	300	25
4R HPPR - 3030	3100	30	24	430	400	340	30
4R HPPR - 3530	3100	35	28	440	410	350	30
4R HPPR - 4030	3100	40	32	460	430	360	40
4R HPPR - 5030	3100	50	40	540	510	430	55

HOW TO SELECT A **PLATE ROLLING MACHINE**

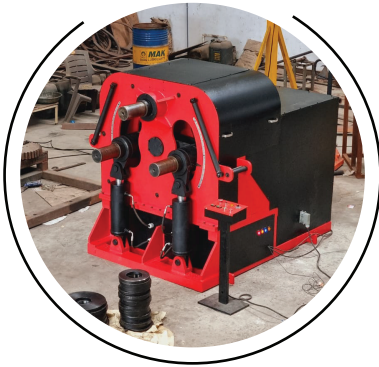
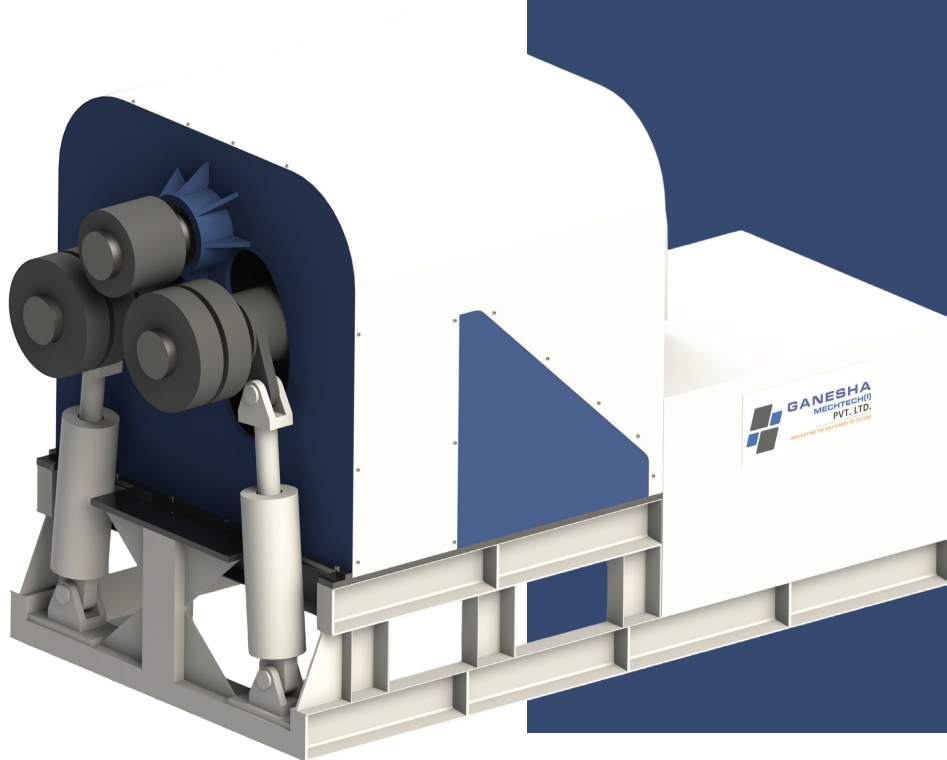
Right selection of Plate Rolling Machine for your need is depending up on the various factors like, your application, your production requirements and your budget.

WHAT TYPE OF PLATE ROLLING MACHINE BEST FIT YOUR NEEDS ...?

Plate Rolling Machine Features Comparison

Machanical Screw type	Semi hydraulic with pre pinch and NC (hydraulic)	fullyi hydraulic with pre pinch and NC (3) Rooler	fully hydraulic with pre pinch and nc (4 roller)
Basic Model with Basic Features	Economy Model with Additional Features	High Range Model with Pre Pinch & NC	High Range Model with Pre Pinch & NC
Top Roll movement Manual	Top Roll movement by Push Button with Hydraulic System	Bottom 2 Rolls movement by Push Button with Hydraulic System	Bottom 3 Rolls movement by Push Button with Hydraulic System
Without Hydraulic System	2+1 Hydraulic Cylinders and Power Pack	4+1 Hydraulic Cylinders and Power Pack	6+1 Hydraulic Cylinders and Power Pack
Pre Bending (Edge Bending) Not Possible. So 6"-8" Part at Both Ends are straight	Pre Bending (Edge Bending) Not Possible. So 6"-8" Part at Both Ends are straight	Both the ends are bent within the machine easily to get the round shape.	Both the ends are bent within the machine easily to get the round shape
Both side Flat ends to be cut after roll	Both side Flat ends to be cut after rolling	Both ends are bent in the machine. (Pre Bending)	Both ends are bent in the machine. (Pre Bending)
Extra Material is required to cut the both ends	Extra Material is required to cut the both ends	No extra material is required so no material wastage or scrap	No extra material is required so no material wastage or scrap
Low Production Rate with material wastage	Medium Production rate with some material wastage	Better Production rate with No material wastage	Highest Production rate with No material wastage

Section Bending Machine

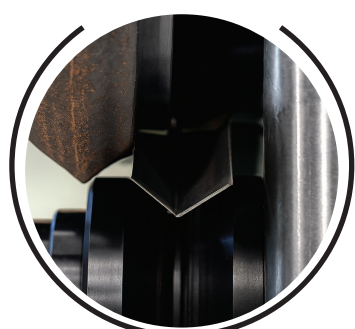
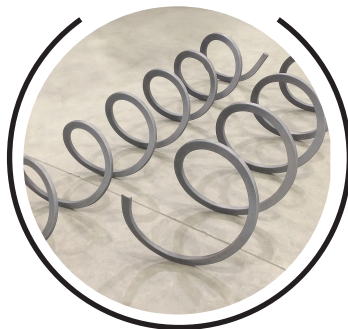
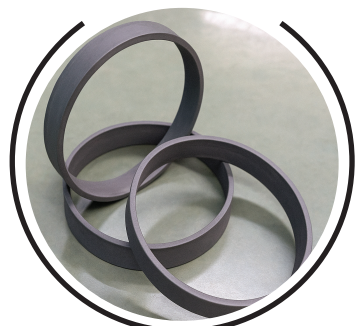
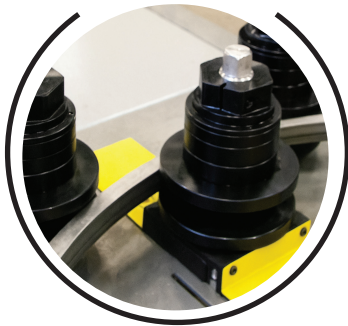


A Section Bending Machine, also known as a Profile Bending Machine or Angle Roll, is used to bend various structural steel sections such as angles, channels, beams, tees, pipes, tubes, and flat bars into circular, curved, or spiral shapes. Unlike plate rolling machines that are designed for flat sheets, section bending machines are specialized for structural profiles and hollow sections.

- Heavy duty welded steel structure.
- Two Driven Rolls
- Horizontal & Vertical Working Positions
- Foot Pedal With Safety Device.
- Top Roll is moved by Hydraulic Cylinder
- Suitable Dies for Angle / Channel / Profile & Section Bending.

TECHNICAL DATA

MODEL NO	RM-50X3	RM-76X3	RM-100X5	RM-125X5	RM-150X5
SHAFT SIZE	50MM	65 MM	75 MM	90MM	100MM
ROUND PIPE	50X3MM	75X3MM	100X5MM	125X5MM	150X5MM
SQ PIPE	40X40X5	60x60-3MM	70x70-30	100x100 3MM	120x120 3MM
RECTANGLE PIPE	50X25X3	80x40-3MM	100x500-3	125X50X3	150X75X3
ANGLE	40X40X5	50X50X5	60X60X5MM	75X75X5	100X100X8
FLAT BAR (VERTICAL)	40X10	50X12MM	75X12MM	100X12MM	125X16MM
C-CHENNAL	75X35	100X50	150X65	175X75	200X75
ROUND BAR	----	----	----	----	----
SQUARE BAR	----	----	----	----	----
MOTOR	3+1 HP(HYDRAULIC)	5+1 HP(HYDRAULIC)	7.5+2 HP(HYDRAULIC)	10+2MM HP(HYDRAULIC)	15+5MM HP(HYDRAULIC)
R.P.M	6	8	6	5	5



MOTER BASE DEGREE PIPE BENDING MACHINES



Specifications

Modal No	DB-38.1-3	DB-50.8-3
Capacity (tube od x wall tickness)	1.5"X3 MM	2"X3 MM
Bendin angle	0-180	0-180
Clamping system	Toggle base	Screw base
Power	3 HP	5 HP
Automation	Limit switch	Limit switch
Mandrill	Yes	Yes
Bending speed control	Yes (extra)	Yes (extra)

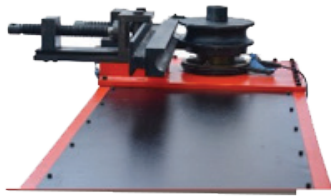
Applications

- Automotive
- Building Construction
- Boiler tubes
- Chemical plants
- Electrical appliances
- Furniture
- Gymnasium equipments
- Irrigation system
- Material handling equipments
- Stores display equipments

Other products

- Three Roller Section Bending Machine
- Manual Bending Motor Driven Machine
- Single Pinch Hydraulic Bending Machine

HYDRAULIC DEGREE PIPE BENDING MACHINES



Specifications

Modal No	DB-38.1-3	DB-50.8-3	HDB-50.8-3
Capacity (tube od x wall tickness)	1.5"X3 MM	2"X3 MM	3"X5 MM
Bendin angle	0-180	0-180	0-180
Clamping system	Toggle base	Screw base	Hydraulic base
Power	3 HP	5 HP	7.5 HP
Automation	Limit switch	Limit switch	Limit switch
Mandrill	Yes	Yes	Yes
Bending speed control	Yes (extra)	Yes (extra)	Yes

Applications

- Automotive
- Building Construction
- Boiler tubes
- Chemical plants
- Electrical appliances
- Furniture
- Gymnasium equipments
- Irrigation system
- Material handling equipments
- Stores display equipments

Other products

- Three Roller Section Bending Machine
- Manual Bending Motor Driven Machine
- Double Pinch Hydraulic Bending



APPLICATION

Pressure Vessels



Cement Plants



Earth Moving



Railway Tankers



Shipping



Wind mills



storage tank



GANESHA
MECHTECH(I)
PVT. LTD.

INNOVATING THE MACHINERY OF FUTURE



+91 90810 13800



www.pipeplatebendingmachine.com
info@pipeplatebendingmachine.com



Ganesh Mech Tech
House No 1783/1, Gopal Industrial
Hub Plot 161, Bakrol, Odhav Industrial
Estate, Ahmedabad - 382415, Gujarat, India