



**CNC Tube Bending Machine**



Gym Equipment



Furniture Manufacturing



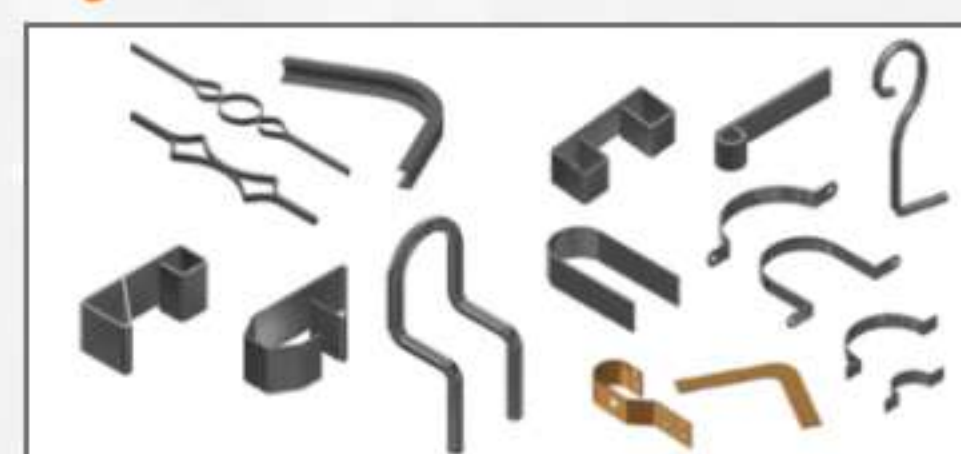
Automobile Accessories



Playground Equipment



**Hydraulic Press Machine**



**Motorized Pipe Bending Machine**



Furniture Manufacturing



Garden Swing



Garden Gym Equipment

We are Leading  
Manufacturer & Exporter of  
Pipe & Sheet Bending Machines

**A One Stop Bending Solution**



## About us

**BendTech Engineers** introduces itself as a leading manufacturer, exporter and supplier of huge range of bending machines. Established in 2017, we have designed and manufactured highest quality machines for tube industry. We have earned a good reputation worldwide. Our offered bending machines can be used for economical, small batch to high volume mass production. We have attained an eminent position in the field of industrial hydraulic equipments and machines with a large variety of original developments covering a wide spectrum of applications. We are developed with a team of experienced professionals, who are engaged in manufacturing the machines with the help of necessary resources that are required for a high-quality of production. To maintain the quality, we use the best quality raw material available in the market.



This facilitates us to meet the demands of the customers with our qualitative Degree Bending Machine, Hydraulic Base Pipe Bending Machine, CNC Pipe Bending Machine, etc. We work in a organized manner in order to grow constantly and accomplish our goals. Also, with our guidance, our team is working with dedication to increase the output of the company and expand the name in the market. The complete dedication of the team have successfully developed series of micro-computer controlled pipe bending machines, pipe-end forming machines, and some other automatic pipe material processing machinery.

Our manufactured machines are widely used in ships, cars, motorcycles, bicycles, petrochemical processing, steel-pipe furniture, physical gymnastic equipment, tourist and leisure articles, plumbing, sanitation, bathing industries and various other process industries. Outstanding capabilities of techniques and engineering, excellent working team and after services, all of these firmly shape great competitiveness for us. We are engaged in providing satisfactory products and reasonable price to customers globally.

### Our Mission

Our Mission is to serve our clients and society by providing the most accurate and effective engineering solutions which are safe and are of highest-quality & costeffective.



### Our Vision

To be recognized as the leading Engineering company for its quality products, latest technology and human resources competences.



## Motorized Degree Pipe Bending Machines



<b>Categories</b>	Motorized Pipe Bending Machines
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-MDBM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push button Switches
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

### Features

- Suitable For Bending The Angle From 0°To 180°Can Be Adjusted Randomly.
- It Has The Function Of Both Manual And Automatic Concurrently, And Enclosed The Emergency Stop Device.
- Can Be Set Various Angles And Mutual Take Turns Bending, So Avoid The Trouble Of Transfer.
- Host Machine Is Controlled By Electric Equipment, Even Though Unskilled Worker Can Join The Produce Proceession Promptly, Too.
- Limit Switch For Angle Setting For More Accuracy.
- Longer Functional Life Due To the Robust Mechanical Design.
- Smooth Performance.
- Mandrel System Is Available (As per Requirement of the client)\*

### Application Areas

- Office, House and School Furniture.
- Hospital Furniture Industry for Cots, Trolleys.
- Gym Equipments.
- Aids for Physically Handicapped.
- Children Play Equipments for Bungalows.
- Automobile Industry for Handle Bars, Chassis, Bumpers, Exhaust Pipes, Silencers, Two Wheeler Accessories.
- Heat Exchanger Tubes, Boiler Tubes etc.
- Front Decorative Bumpers for Cars, Vans Other Commercial Vehicles.



Sr No.	Details	Specification	Specification	Specification	Specification
1	<b>Model No.</b>	<b>BTE-1MDBM</b>	<b>BTE-1.5MDBM</b>	<b>BTE-2MDBM</b>	<b>BTE-2.5MDBM</b>
2	<b>Pipe Diameter (mm)</b>	<b>UP TO 25mm</b>	<b>UP TO 38mm</b>	<b>UP TO 50mm</b>	<b>UP TO 63.5mm</b>
3	Max Bending Radius(mm)	150 mm	200 mm	200 mm	200 mm
4	Pipe Size Max	25 mm	38 mm	50 mm	50 mm
5	Pipe Size Min	10mm	10mm	10mm	10mm
6	Pipe Wall Thickness	1 to 3 mm	1 to 3 mm	1 to 3 mm	1 to 3 mm
7	Pipe Material	M.S & S.S	M.S & S.S	M.S & S.S	M.S & S.S
8	Min Bending Radius	2D	2D	2D	2D
9	Max Bending Angle	180°	180°	180°	180°
10	Bending Direction	Clockwise	Clockwise	Clockwise	Clockwise
11	Bending Accuracy	±1.5%	±1.5%	±1.5%	±1.5%
12	Operating Voltage	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph
13	Motor Power	2Hp	3Hp	5Hp	7.5Hp
14	Pipe Clamping & Dis- clamping System	By Mechanical Screw	By Mechanical Screw	By Mechanical Screw	By Mechanical Screw
15	<b>Electronics Parts Make</b>	<b>Schneider</b>	<b>Schneider</b>	<b>Schneider</b>	<b>Schneider</b>
16	<b>Control Panel With Limit Switch</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
17	Any One Pipe Size Die Set	Complimentary With Machine	Complimentary With Machine	Complimentary With Machine	Complimentary With Machine



# Single Cylinder Hydraulic Pipe Bending Machine



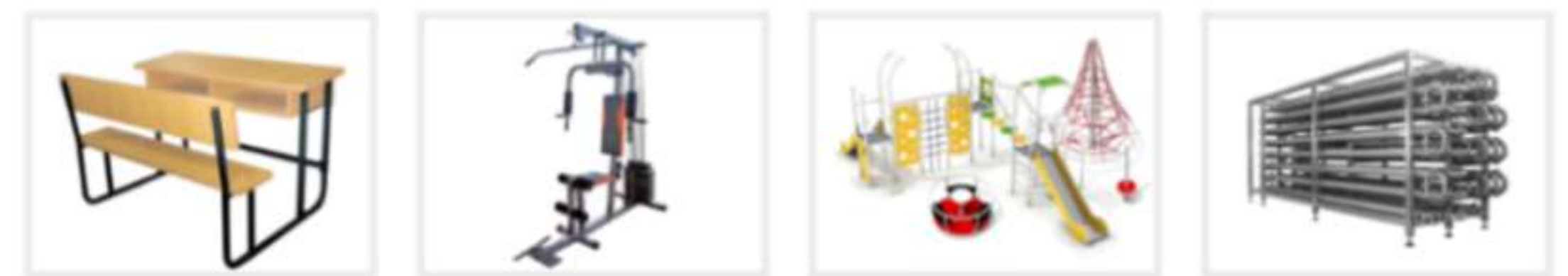
<b>Categories</b>	Hydraulic Pipe Bending Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-SCHPBM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Hydraulic
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push Button Operation
<b>FOB port</b>	Mundra Port (Gujarat) , Nahva sheva Port (Maharashtra)

## Features

- Suitable For Bending The Angle From 0°To 180°Can Be Adjusted Randomly.
- It Has The Function Of Both Manual And Automatic Concurrently, And Enclosed The Emergency Stop Device.
- Can Be Set Various Angles And Mutual Take Turns Bending, So Avoid The Trouble Of Transfer.
- Host Machine Is Controlled By Electric Equipment, Even Though Unskilled Worker Can Join The Produce Procession Promptly, Too.
- Limit Switch For Angle Setting For More Accuracy.
- Longer Functional Life Due To Robust Mechanical Design.
- Smooth Performance.

## Application Areas

- Furniture
- Two wheeler accessories
- Decorative items
- Automotive Seat Frames
- Crash Guards
- Hydraulic piping
- Chemical and Process Tubes & Heat Exchanger Concentric Tubes



Sr. No.	Item Description	BTE-1SCHPBM	BTE-1.5SCHPBM	BTE-2SCHPBM
1	<b>MODEL NO:-</b>	<b>BTE-1SCHPBM</b>	<b>BTE-1.5SCHPBM</b>	<b>BTE-2SCHPBM</b>
2	Pipe Size	Up to 25 mm	Up to 38 mm	Up to 50 mm
3	Pipe Thickness	1 to 3mm	1 to 3mm	1 to 3mm
4	Structure Material	M.S Rectangular pipe	M.S Rectangular pipe	M.S Rectangular pipe
5	Electrical Motor	2 HP	3 HP	5 HP
6	<b>Motor Make</b>	<b>Crompton Greaves</b>	<b>Crompton Greaves</b>	<b>Crompton Greaves</b>
7	Hydraulic valve	Make:- Huade / Yuken	Make:- Huade / Yuken	Make:- Huade / Yuken
8	Hydraulic Pump	Make:- Oiler / Dowty	Make:- Oiler / Dowty	Make:- Oiler / Dowty
9	Hydraulic Tank Size	30Ltr.	40Ltr.	50Ltr.
10	Forward Reverse Switch			
11	Accuracy	±1.5 Degree	±1.5 Degree	±1.5 Degree
12	<b>Electronic Panel &amp; Switches</b>	<b>Make:- Schneider</b>	<b>Make:- Schneider</b>	<b>Make:- Schneider</b>
13	Bending Direction	Anti Clockwise	Anti Clockwise	Anti Clockwise
14	Limit Switch for Safety purpose.			
15	Clamping & Dis-clamping of the pipe will be by Screw operated.			
16	Bending operation preformed Hydraulically With Rack Pinion & Hydraulic Cylinder Arrangement and it will operated by Reverse Forward Switch in remote box.			
17	All Shafting and Gears are Hardened			
18	M.S Square Pipe framed Heavy Powder coated Structure			



# Single Cylinder Hydraulic Pipe Bending Machine



<b>Categories</b>	Hydraulic Pipe Bending Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-SCHPBM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Hydraulic
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push Button Operation
<b>FOB port</b>	Mundra Port (Gujarat) , Nahva sheva Port (Maharashtra)

## Features

- Suitable For Bending The Angle From 0°To 180°Can Be Adjusted Randomly.
- It Has The Function Of Both Manual And Automatic Concurrently, And Enclosed The Emergency Stop Device.
- Can Be Set Various Angles And Mutual Take Turns Bending, So Avoid The Trouble Of Transfer.
- Host Machine Is Controlled By Electric Equipment, Even Though Unskilled Worker Can Join The Produce Procession Promptly, Too.
- Limit Switch For Angle Setting For More Accuracy.
- Longer Functional Life Due To Robust Mechanical Design.
- Smooth Performance.

## Application Areas

- Furniture
- Two wheeler accessories
- Decorative items
- Automotive Seat Frames
- Crash Guards
- Hydraulic piping
- Chemical and Process Tubes & Heat Exchanger Concentric Tubes



Sr. No.	Item Description	BTE-1SCHPBM	BTE-1.5SCHPBM	BTE-2SCHPBM
1	<b>MODEL NO:-</b>	<b>BTE-1SCHPBM</b>	<b>BTE-1.5SCHPBM</b>	<b>BTE-2SCHPBM</b>
2	Pipe Size	Up to 25 mm	Up to 38 mm	Up to 50 mm
3	Pipe Thickness	1 to 3mm	1 to 3mm	1 to 3mm
4	Structure Material	M.S Rectangular pipe	M.S Rectangular pipe	M.S Rectangular pipe
5	Electrical Motor	2 HP	3 HP	5 HP
6	<b>Motor Make</b>	<b>Crompton Greaves</b>	<b>Crompton Greaves</b>	<b>Crompton Greaves</b>
7	Hydraulic valve	Make:- Huade / Yuken	Make:- Huade / Yuken	Make:- Huade / Yuken
8	Hydraulic Pump	Make:- Oiler / Dowty	Make:- Oiler / Dowty	Make:- Oiler / Dowty
9	Hydraulic Tank Size	30Ltr.	40Ltr.	50Ltr.
10	Forward Reverse Switch			
11	Accuracy	±1.5 Degree	±1.5 Degree	±1.5 Degree
12	<b>Electronic Panel &amp; Switches</b>	<b>Make:- Schneider</b>	<b>Make:- Schneider</b>	<b>Make:- Schneider</b>
13	Bending Direction	Anti Clockwise	Anti Clockwise	Anti Clockwise
14	Limit Switch for Safety purpose.			
15	Clamping & Dis-clamping of the pipe will be by Screw operated.			
16	Bending operation preformed Hydraulically With Rack Pinion & Hydraulic Cylinder Arrangement and it will operated by Reverse Forward Switch in remote box.			
17	All Shafting and Gears are Hardened			
18	M.S Square Pipe framed Heavy Powder coated Structure			



## All Three Roller Drive Mechanical Three Roller Bending Machine



Categories	Section Bending Machine
Brand	BendTech Engineers (Brand Name:- BTE)
Model	BTE-ATRPBM
Condition	New
Raw Material	Round Pipe, Square & Rectangular Pipe, Angle, C-Section, T-Section, Flats
Material / Metal Processed	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
Power	Electrical
Automation	Mechanical
After-sales Service Provided	Engineers available to service machinery overseas
Operation	By RF Switch
FOB port	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

**BendTech Engineers** has developed special purpose model in **Three Roller Pipe Bending Machine**. In General Practice **Three Roller Pipe Bending Machine** has only bottom two rollers are in driven condition and above roller is only sliding up & down as per requirement. But in this model we have all the three rollers are in driven condition, so that it can produce more torque while bending and u don't need to push the section while bending. It has speciality to make continuous rings from the Round Pipe, Flats, and Angles.

**Its Specially Designed & Developed Machine By Our R&D Team.**

### Features & Strength of The Machine

- Double screws provided for extra support which provides more life to machine.
- It can bend continuous rings from the pipe and make diameter as per your size
- Example:-** From 12.5mm pipe it can make ring of 4.5" diameter ( As shown in Below image)
- For its continuous operation Leads to save your scrape while bending.
- Fast Production.
- Finest And Small & Robust Gearing Designed.
- Maintenance Free Machine.
- Easy to Move in work area.
- Also provide scale to make perfect Arc & Circles from the Sections.

**Example:-** If you are bending a continuous coil of 7" Diameter from 19mm OD Pipe, then your material wastage(Ends of the ring which u have to cut) will be around 80-100mm only. So from 6000mm pipe u have only 100mm wastage.

Sr No.	Details	Specification	Specification	Specification
1	Model No.	BTE-1ATDMRBM	BTE-2ATDMRBM	BTE-3ATDMRBM
2	Pipe Size	Up to 25mm	Up to 50mm	Up to 75mm
3	Pipe Thickness	1 to 2 mm	1 to 3 mm	1 to 3 mm
4	Electrical Motor	2 Hp	3 Hp	5 Hp
5	Gear Box	Yes ( Standard Make)	Yes ( Standard Make)	Yes ( Standard Make)
6	Bend Direction	Clockwise & Anticlockwise	Clockwise & Anticlockwise	Clockwise & Anticlockwise
7	Forward Reverse Operation	By Switch Operation	By Switch Operation	By Switch Operation
8	Side Guide Rollers For Pipe Support	Yes	Yes	Yes
9	All Three Rollers Are in Drive			
10	Double Screw For Extra Support	Yes	yes	Yes



# Hydraulic Three Roller Pipe Bending Machine



Categories	Hydraulic Three Roller Pipe Bending Machine
Brand	BendTech Engineers (Brand Name:- BTE)
Model	BTE-HTRPBM
Condition	New
Raw Material	Round Pipe,C-Channel,Angle,T-Section,Square & Rectangular Pipe,Flats.
Material / Metal Processed	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
Power	Electrical
Automation	Automatic
After-sales Service Provided	Engineers available to service machinery overseas
Operation	Remote Box Operated
FOB port	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

## Three Roller Bending Machine Manufacturer,Hydraulic Three Roller Pipe Bending Machine, Roll Bending Machine, Manufacturers & Suppliers in India

A **Hydraulic Pyramid Type Pre Pinch Three Roller Machine** has mechanically as well as hydraulic operation for fast and smooth bending. In pre pinch type machine bottom two rollers are fixed at the position and rotating anti clockwise and clockwise with mechanical drive.

Whereas upper roller will be operated hydraulically by remote operation.The HTRPBM-Series is suitable for bending fl at iron or angle iron, T-shaped and U-shaped cross-section iron, **square pipes, Round tubes, Hydraulic Section Bending Machine, Rectangular pipes** and other customized profiles.

We have the specialization of making dies so that in this machine you can bend mild steel, stainless steel, aluminum, copper material profiles.Special automation provided with remote control operation, being the high automatic operation it's having sufficient safety features provided for sooth and safe operation.

### Features

- Horizontal and vertical operation (For HV series)
- with standard foot pedal
- Special cast frame+
- Shafts are hardened with special steel material
- Rollers are special steel material hardened and grounded
- Gears Milled with full material
- Optional rollers for choice
- Hydraulically controlled.

Model	BTE-3HTRPBM	BTE-5HTRPBM	BTE-7.5HTRPBM
Version	Pyramid Type, Hydraulic	Pyramid Type, Hydraulic	Pyramid Type, Hydraulic
Type	Pre- Pinch ,Vertical	Pre- Pinch ,Vertical	Pre- Pinch ,Vertical
Drive	Motorised – Electrical	Motorised – Electrical	Motorised – Electrical
Max pipe size	Mild Steel & SS:-2" Aluminium & Copper:- 3"	Mild Steel & SS:-3" Aluminium & Copper:- 4"	Mild Steel & SS:-4"
Max Pipe Thickness	1 to 3mm	1 to 3mm	1 to 4mm
Feed	Manual	Manual	Manual
Rolling	Motor Occupied with Gear Box	Motor Occupied with Gear Box	Motor Occupied with Gear Box
Motor Specification	Make:- Standard Make	Make:- Standard Make	Make:- Standard Make
Motor Power	3 HP / 2.25 KW	5HP / 3.70 KW	7.5HP / 5.6 KW
Gear Box Specification	Standard Make	Standard Make	Standard Make
Hydraulic Power Pack	1 HP	2 HP	3HP
Power Supply	415V, 3Ph, 50 Hz	415V, 3Ph, 50 Hz	415V, 3Ph, 50 Hz
Sturdy and Specially Designed Gear Box	Bottom Two Roller Connected with the gear box and driven Through Motor.	Bottom Two Roller Connected with the gear box and driven Through Motor.	Bottom Two Roller Connected with the gear box and driven Through Motor.
Pre-Pinch bending	Bottom Two rollers are fixed and top roller will be operated hydraulically moving Up & Down	Bottom Two rollers are fixed and top roller will be operated hydraulically moving Up & Down	Bottom Two rollers are fixed and top roller will be operated hydraulically moving Up & Down
Guides (2Nos.)	EN8 Shaft Hardened & Grinded for safe operation and arresting the twist of pipes & Sections.	EN8 Shaft Hardened & Grinded for safe operation and arresting the twist of pipes & Sections.	EN8 Shaft Hardened & Grinded for safe operation and arresting the twist of pipes & Sections.
Lubrication	Manual	Manual	Manual
Control Panel	Separate Push Button Remote	Separate Push Button Remote	Separate Push Button Remote
Electric Panel	All Components Make :- Schneider	All Components Make :- Schneider	All Components Make :- Schneider



## Semi Automatic (NC) Pipe Bending Machine



<b>Categories</b>	Semi Automatic Pipe Bending Machines
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-SAPBM
<b>Condition</b>	New
<b>Raw Material</b>	Round Pipe, Square Pipe, Rectangle Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	SEMI AUTOMATIC
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Remote Box (LED Display)
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)

NC (Semi) Automatic Hydraulic Tube/Pipe Bending Machine, We are one of the trusted names in offering a huge quality range of NC (Semi) Automatic Hydraulic Tube/Pipe Bending Machine for Construction Use to our premium clients. These quality range are as per the industry norms and standards and widely known for their high performance.

Simple, powerful and offering impressive bending quality, our semi-automatic machines for small and medium production runs allow bending without any limitations. Upgradable to match your requirements precisely.

### Features

- Angle accuracy through encoding system
- Pipe linear motion through liner guide arrangement
- Pipe clamping through collate mechanism
- Save up to 15 Program with 8 Bend / Program
- Pipe rotating indexing unit

### Applications

- furniture
- Crash Guards
- Two wheeler accessories
- Hydraulic piping
- Decorative items
- Chemical and Process Tubes & Heat Exchanger Concentric Tubes
- Automotive Seat Frames



### Benefits

- High Accuracy
- Extreme Power
- Heavy Structure
- Better Finishing
- PLC Programming
- Fully Designed
- Fully Hydraulic

Sr No.	Details	Specification	Specification	Specification
1	<b>Model No.</b>	<b>BTE-2SAPBM</b>	<b>BTE-3SAPBM</b>	<b>BTE-4SAPBM</b>
2.	Pipe Size Max	50 mm	75 mm	100 mm
3.	Pipe Size Min	10 mm	10 mm	10 mm
4.	Pipe Wall Thickness	Up to 3.5 mm	Up to 3.5 mm	Up to 4 mm
5.	Pipe Material	S.S., M.S	S.S., M.S	S.S., M.S
6.	Bending Direction	Clockwise	Clockwise	Clockwise
7.	Max. Bending Radius	200 mm	200 mm	200 mm
8.	Mini Bending Radius	1.5 D	1.5 D	1.5 D
9.	Max Bending Angle	1800	1800	1800
10.	Bending Accuracy	±1.5 %	±1.5 %	±1.5 %
11.	Bending Speed	180/14 sec	180/14 sec	180/14 sec
12.	Mandril Length	2500mm	2500mm	2500mm
13.	Max Hydraulic Pressure	150 bar	150 bar	150 bar
14.	Operating Voltage	415v, 50Hz,3ph	415v, 50Hz,3ph	415v, 50Hz,3ph
15.	<b>Motor Power</b>	<b>5Hp</b>	<b>7.5Hp</b>	<b>10 Hp</b>
16.	Hydraulic Valves	Yuken	Yuken	Yuken
17.	<b>Motor</b>	<b>Crompton Greaves</b>	<b>Crompton Greaves</b>	<b>Crompton Greaves</b>
18.	Pipe Clamping and Dis-clamping system	Automatic	Automatic	Automatic
19.	Electronic Parts	L & T , Schneider	L & T , Schneider	L & T , Schneider
20.	Control Panel with PLC	7 inch color LED Display	7 inch color LED Display	7 inch color LED Display
21.	More than 6 angle in single Program	Yes	Yes	Yes
22.	One Die Set with Mandrel	BTE	BTE	BTE



# CNC Pipe Bending Machine



<b>Categories</b>	Motorized Pipe Bending Machines
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-MDBM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push button Switches
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)

Our high efficiency 3D CNC automatic hydraulic pipe bending, using industrial touch screen, with the simple operation interface in English; high precision, high degree of automation and multi-function; each action of machine is controlled by PLC programmer control system.

## Features

- Fully automatic and CNC pipe bending machine.
- Equipped with servo motor programmable axis, 2 axis 3 axis, 4 axis or 5 axis
- Feeding: servomotor drive; rotation: servomotor drive
- Bending: hydraulic and encoder control; servomotor with reducer.
- Imported hydraulic system and PLC unit.
- Self-diagnostic system, detecting the error immediately.
- Multiple groups' pipe-bending information storage.
- Electric cabinet cooling fan and the hydraulic cooling system ensure the equipment long-time work stably under the high temperature.
- Touch screen and human/machine interface control provide user friendly operations

## Applications



Sr No.	Details	Specification	Specification
1	<b>Model No.</b>	<b>BTE-2CNC</b>	<b>BTE-3CNC</b>
2.	Pipe Size Max	50 mm	75 mm
3.	Pipe Size Min	10 mm	10 mm
4.	Pipe Wall Thickness	Up to 3.5 mm	Up to 3.5 mm
5.	Pipe Material	S.S., M.S, Al, Cu	S.S., M.S, Al, Cu
6.	Bending Direction	Clockwise	Clockwise
7.	Max. Bending Radius	200 mm	200 mm
8.	Mini Bending Radius	1.5 D	1.5 D
9.	Max Bending Angle	1800	1800
10.	Bending Accuracy	±1.5 %	±1.5 %
11.	Mandrel Length	(adjustable as per application)	(adjustable as per application)
12.	Max Hydraulic Pressure	150 bar	150 bar
13.	Operating Voltage	415v, 50Hz,3ph	415v, 50Hz,3ph
14.	Motor Power	5Hp	7.5Hp
15.	Hydraulic Valves	Yes (Standard Make)	Yes (Standard Make)
16.	Motor	Yes (Standard Make)	Yes (Standard Make)
17.	Pipe Clamping and Dis-clamping system	Automatic	Automatic
18.	Electronic Parts	Schneider	Schneider
19.	Control Panel with PLC	7 inch color LED Display	7 inch color LED Display
20.	More than 6 angle in single Program		
21.	Rotating servo motor	1KW	1KW
22.	Reciprocating Servo	1 KW	1 KW
23.	One Die Set with Mandrel	BTE	BTE



## Double Head Pipe Bending Machine



<b>Categories</b>	Double Head Pipe Bending Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-DHPBM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Automatic
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Remote Box Operation
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

**Manufacturer, Wholesale & Supplier of Pipe Notching Machine, Double Head Pipe Notching Machine, Semi Automatic Pipe Notching Machine.**

Double head pipe bending machine is used for mass production item, and in this machine at time 2 Pipes or Tubes and 4 nos. of Bend can done. It is used mainly in Furniture Industries, Hospital Furniture Industries and other mass prodctuion Pipe Bending application.

### Mechanical Characteristics

- Microcomputer control is adopted, which is easy to operate, stable in performance and molded simultaneously with double heads bent; bending open, and angles consistently accurate.
- Double-head bending angle can be adjusted from 0 degrees to 185 degrees, but consideration must be paid to material pick-off. Two axes can be bent at different angles.
- Hydraulic double-head bending machine gives the fullest play to productivity.

## Mechanical Sheet Bending Machine



<b>Categories</b>	Mechanical Sheet Bending Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-MSBM
<b>Condition</b>	New
<b>Raw Material</b>	Sheet (Material:- SS or MS)
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Reverse Forward Switch
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

**Mechanical Sheet Bending machine** bends and straightens metal sheets and strips. The machine is designed for sheet-bending machines with a rotary bending beam for cold linear bending to produce parts of various shapes where pipes on mandrels, also to form flanges and closed contours also straightening sheet material. We can use bending machine to assemble a bend on a work piece where a bend is manufactured by using a bending tool during a linear or rotating move. The turning beam holds the part in place and may be positioned as required by the thickness of the article and the bending radius. The drive of such machines might be mechanical or pressure driven. Machines of this sort are utilized for bowing sheets 0.8–5.0 mm thick. The Rotary-move bowing machines are intended for bowing and fixing portions of boilers, high-pressure vessels, and converters, just as lines with breadths surpassing 400 mm. Articles are shaped in such machines during the concurrent entry of the sheet stock between the twisting rolls and its sidelong bowing. The rolls are typically mounted evenly. Machines are delivered with three moves, which might be orchestrated evenly or unevenly, or with four rolls. Move bowing machines are utilized for cold or hot bowing of stock 1–150 mm thick (plate thickness, in excess of 50 mm); the speed of twisting is 3–8 m/min.



## Hydraulic Sheet Bending Machine



<b>Categories</b>	Hydraulic Sheet Bending Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-HSDBM
<b>Condition</b>	New
<b>Raw Material</b>	Sheet (Material:- Mild Steel or Stainless Steel)
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Automatic
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Remote Box
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

## Horizontal Hydraulic Press Machine

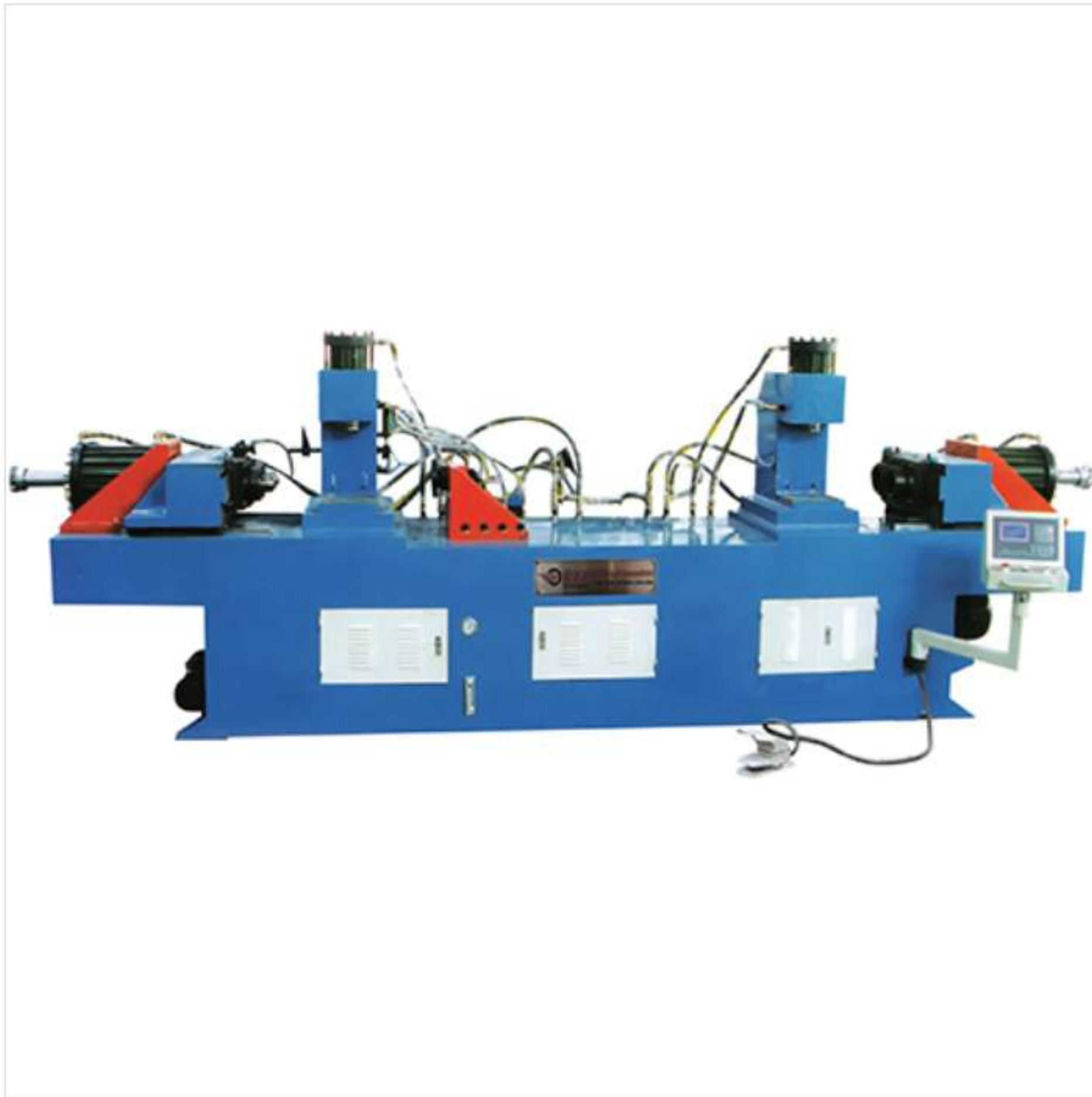


<b>Categories</b>	Horizontal Hydraulic Press Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-HHP
<b>Condition</b>	New
<b>Raw Material</b>	Light Duty Sections Shows in Application Photograph
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Automatic
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Remote Box
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

The versatility of the best Horizontal Hydraulic Press Machine **BENDTECH ENGINEERS** BTEHP-25 makes it possible for us to make a great deal of forging parts and all kinds of operations in all kinds of materials: pipe, flat bar, several profiles, rods... Folding operations with wrought iron machines permit to completely bend the parts or pieces unlike conventional flat bar section bending machines. Pipe bending at fixed radius up to 180° could be considered one of the other good features of these presses. Stretching and reducing pipes on the ends in order to make parts that fit or weld later. Cutting, piercing and punching flat bars or metal sheets turn this horizontal bending press into a punching shears machine. Many workshops use these presses to stretch and form different kinds of profiles. It is also a solution to bend different profiles at different radius and keeping the ends straight, like when manufacturing handles and flanges. Pipe notching to assemble to another one at 90°. Cold forge uses horizontal presses to make and form different shapes of balusters... Its versatility and its easy handling make this machine a necessary horizontal bending machine for metal working processes.



## Pipe End-Forming Machine



<b>Categories</b>	Pipe End-Forming Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-PFM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Automatic
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Remote Box
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)

### Pipe End-Forming Machine material:

- › Steel Pipe, Stainless Steel, Copper Pipe, Aluminum Pipe etc.

### Main specification

- › NC Control Unit: Easy Operation and Maintenance
- › Suitable for the shrinking of various metal pipes with different material and different shape
- › Equipped with emergency stop device. Both manual and automatic operations are available
- › Shrinking stroke 100mm. The max. workpiece length is 450mm, with no minimum workpiece length
- › Forming shapes can be convex, concave, sectional, long 7 flat, square, V-shaped, open elbow and flat elbow. The design of the tooling varies with workpiece and customers' requirements

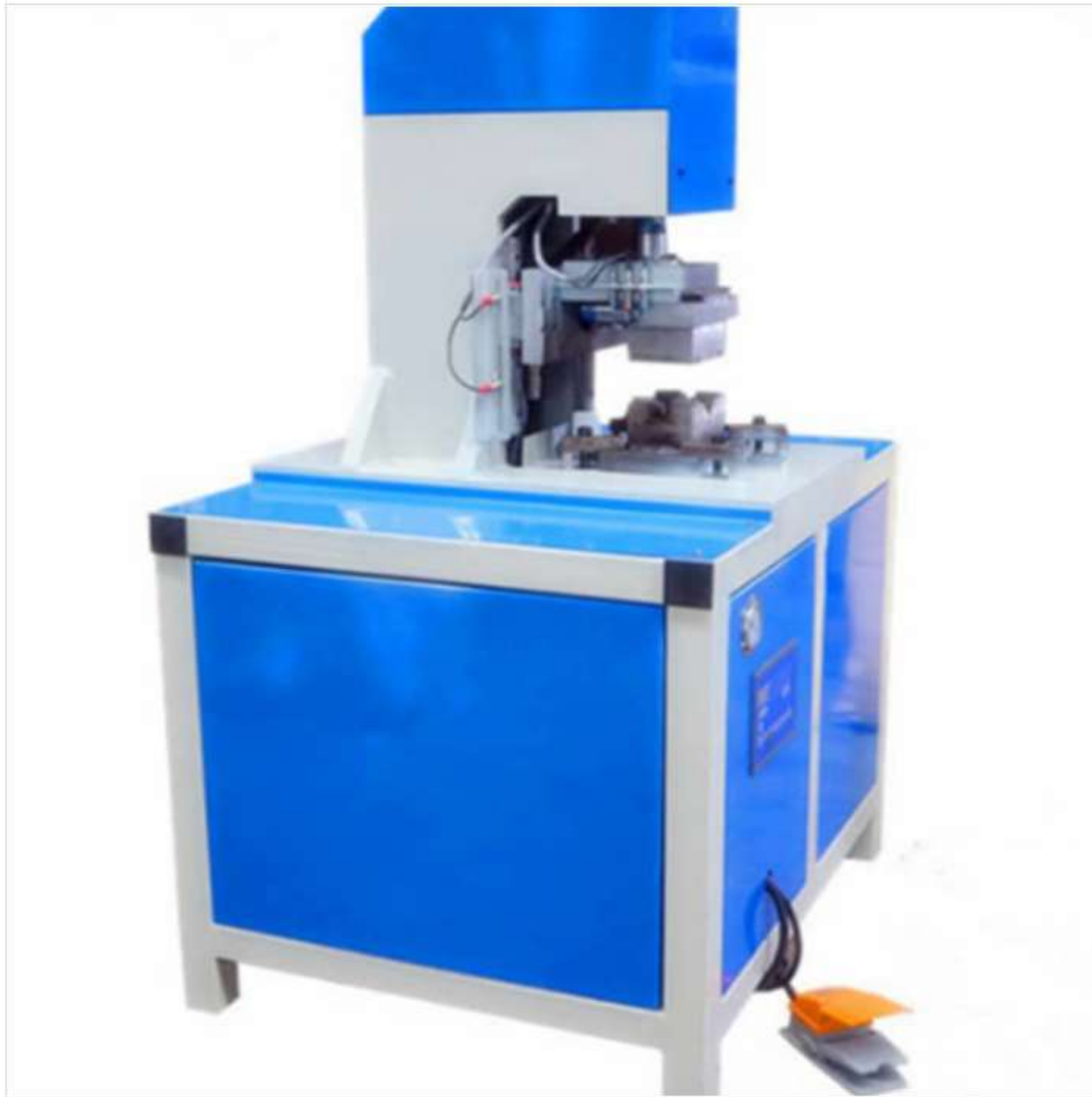
### Mechanical Characteristics

- › Microcomputer control, hydraulic drive, and stable in operation.
- › Mobile pedal switch, capable automatic, emergency stop, and continuous emergency stop functions, and high safety.
- › Can use compacted pipe, expanded pipe, pier pipe and other machining methods and is ideal for pipe end formation and machining.
- › Mould replacement simple, and easy for flexible production.

Type	SG-40	SG-60	SG-80	SG-100
Max tube(mm)	φ40*2.0	φ60*2.0	φ80*3.0	φ100*3.5
Max processing length(mm)	110	130	150	180
Oil pressure(Mpa)	14	14	14	14
Working speed	100mm in3-4/s	100mm in3-4/s	100mm in3-4/s	100mm in3-4/s
Size(cm)	180*45*120	200*50*130	290*70*140	300*75*150
Weight(kg)	600	950	1600	1800
Remark	1.The max processing length can according to customers requirement.	—	—	—



# Hydraulic Square Tube Right Angle Notching Machine



<b>Categories</b>	Hydraulic Square Tube Right Angle Notching Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-HSTNM
<b>Condition</b>	New
<b>Raw Material</b>	Square Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Automatic
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push Button
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)

BendTech Engineers Hydraulic Square Tube Right Angle Notching Machine is a customized notching machine Designed By **BendTech Engineers**, driven by hydraulic power, manual feeding steel pipe by workers. 90° notching machine is widely used to notch steel tube, stainless steel tube, iron pipe, aluminum alloy, to bend a different angle.

Several notch and die set can be equipped on one hydraulic notching machine, this notching ing equipment is customized as needs of different metal notch purpose. This hydraulic notching machine adopts powerful hydraulic cylinder.

## Applications

- This notching machine is widely used for notching for aluminum ladders profiles, steel guardrail, zinc steel fence, iron guard fence, aluminum alloy shelf bracket, handrail, balustrade, railing, banisters.
- Available for different material, including aluminum profile, stainless steel tube, mild steel pipe, iron pipe, copper tube, etc.

## Specifications

It is equipped with different notching molds. Reasonable design notch and die set, to prevent the scratch on the tube surface. The whole machine must be processed by gantry milling to ensure high precision performance. notching power is driven by the hydraulic unit with auto-cooling system. This machinery is a manual notching machine which available for the most convenient operation and economic consideration.

- No scratch on the surface of metal tube and pipe, reasonable designing notch and die set to preventing scratch, auto wiping system removes metal filings.
- High precision. The whole machine must be processed by gantry milling to ensure high precision performance. High quality guides rail and transmits gear.
- Available for the different distance of holes notching.
- Hydraulic driven, step-less pressure regulation.
- One set of notching machine can be used for different shapes of holes notching, by replacing customized notch and die set.
- Manual feed for easy maintenance and cheap notching machine consideration.
- Durable hydraulic cylinder, best quality hydraulic hose.
- 24 months warranty for notching machine, 12 months for notch and die set.



## Round Pipe Hydraulic Notching Machine



<b>Categories</b>	Round Pipe Hydraulic Notching Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-HPNM
<b>Condition</b>	New
<b>Raw Material</b>	Round Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Automatic
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push Button
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)

Pipe Notching Machine is commonly preferred before joining light gauge Tubes & Pipes to make a tee or Similar joint, as by Welding. Either one or both tubes may be notched before assembly.

BendTech Engineers belt driven pipe notching machines have been expanded to include the all new High Speed model. With its powerful motor and fast belt speed of 40 m/sec this machine can notch at twice the speed of other machines as well as reducing consumable costs.

### Advantages

- Fast & Economical
- For All materials : Pipe Notcher grinds square, rectangular, & all other tube section, The machine suitable for all types of material & Thickness.
- Any Diameter : Bending supplies wide range of Grinding Rollers from 15 mm to 75 mm.

### Applications

- This notching machine is widely used for notching for aluminum ladders profiles, steel guardrail, zinc steel fence, iron guard fence, aluminum alloy shelf bracket, handrail, balustrade, railing, banisters.
- Available for different material, including aluminum profile, stainless steel tube, mild steel pipe, iron pipe, copper tube, etc.

### Specifications

It is equipped with different notching molds. Reasonable design notch and die set, to prevent the scratch on the tube surface. The whole machine must be processed by gantry milling to ensure high precision performance. notching power is driven by the hydraulic unit with auto-cooling system. This machinery is a manual notching machine which available for the most convenient operation and economic consideration.

- No scratch on the surface of metal tube and pipe, reasonable designing notch and die set to preventing scratch, auto wiping system removes metal filings.
- High precision. The whole machine must be processed by gantry milling to ensure high precision performance. High quality guides rail and transmits gear.
- Available for the different distance of holes notching.
- Hydraulic driven, step-less pressure regulation.
- One set of notching machine can be used for different shapes of holes notching, by replacing customized notch and die set.
- Manual feed for easy maintenance and cheap notching machine consideration.
- Durable hydraulic cylinder, best quality hydraulic hose.
- notch and die set was made by SKD11 with a temper.
- 24 months warranty for notching machine, 12 months for notch and die set.



## Pipe Taper Machine



<b>Categories</b>	Pipe Taper Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-PTM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	Mild steel, copper, aluminium etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Reverse Forward Switch
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)

### Mechanical Characteristics

- ▶ The pipe tapering machine can adopt automatic feeding mode to reduce labor intensity

### Features

- ▶ High efficiency: rapid forming, smooth machining surface, no scars on the workpiece. One worker can finish the work of taper pipes which are needed for a construction site.
- ▶ Small size, light weight, low noise, easy operation, three-phase and single-phase voltage optional.
- ▶ 3.Easy maintenance,low failure rate ,beautiful appearance,compact structure.The mold and the mold seat are sliding to draw, the dovetail mold is convenient for loading and unloading.
- ▶ Non-polluting.

**Pipe Taper Machine** are primarily used to carry liquids and gases it has threaded connections that are gas or liquid tight where tapered pipes help make better seals. Tapered pipe help make better seals. As a result, these connections are stronger and leak resistant. The most common tapered pipe is NPT pipe thread is used in the United States and Canada and is incompatible with BSPT pipe threads. Tapper Piper Machine seals well and no preparation in advance is needed since it can be applied to oily threads. Usually one will use stainless steel tube/pipe tapering machine tapering stainless steel pipe, iron pipe, aluminum pipe and so on. If the piper sizes are smaller pipe than threaded fittings are more commonly used to create connections between pipes and equipment (including some instruments). It is common design of tapered pipe fit-ting is the tapered pipe design. The intent of a tapered machine is to allow the pipe and fit-ting to “wedge” together when engaged, creating a joint that is both mechanically rugged and leak-free

## Pipe Ferruling and Deburring Machine



<b>Categories</b>	Pipe Ferruling and Deburring Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-PFDM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push button Switches
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharashtra)



## Rod Bending Machine



<b>Categories</b>	Rod Bending Machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-MDBM
<b>Condition</b>	New
<b>Raw Material</b>	Pipe
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push button Switches
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)

**Rod Bending Machine** is also known as a bar bender machine, is one kind of rod processing machines where it bends steel round bar and steel rebar. The steel can be bent within a certain range of diameters into various arcs between 0° and 180°. Our bending rod machine is a semi-automatic type and it consumes less man-power. It also consumes less time and has higher rate of production. A **Rod Bending machine** has stirrup which is a closed loop to reinforcement bar that is used to hold the main reinforcement bars together. Where stirrups provide the lateral support to the main bars against buckling but if used in beams, a stirrup is termed as shear or transverse reinforcement since it withstands the shear force. The rod bending machine stirrups can be of different shapes depending on the design and shape of the load bearing member e.g. spherical, polygonal, a U-stirrup or a cross tie. In ancient times, in India, the stirrups are made physically at the building site by the bar drinking sprees utilizing simple practices. Much of the time, such stirrups don't consent to the recommended principles. Adjacent to dimensional errors, this can prompt inappropriate locking of the closures accordingly expanding the odds of disappointment during tremors.

## Scroll Bending and Twisting machine



<b>Categories</b>	Scroll Bending and Twisting machine
<b>Brand</b>	BendTech Engineers (Brand Name:- BTE)
<b>Model</b>	BTE-STBM
<b>Condition</b>	New
<b>Raw Material</b>	Round & Square Pipe, Rod, Square Bar, flats
<b>Material / Metal Processed</b>	carbon steel, stainless steel, copper, aluminium, galvanized, etc.
<b>Power</b>	Electrical
<b>Automation</b>	Manual
<b>After-sales Service Provided</b>	Engineers available to service machinery overseas
<b>Operation</b>	By Push button Switches
<b>FOB port</b>	Mundra Port(Gujarat) , Nahva sheva Port(Maharastra)



**Scroll Bending Machine** is ideally suitable for fabricating the flat iron surface, bending square tubes, windows, tables and other metal materials. It has mechanical auto start functions along with accurate speed and larger dimension that is easy to bend and adjust while operating effectively. **Scroll Bending Machine** is constructed under the observation of skilled professionals and modern technology to ensure long lasting shelf life with abrasion resistance property. Thus, it is perfectly best machine to use smoothly without any trouble issue.

Multi-purpose tool set is a comprehensive machine with such integrated functions as circlly-forming , scrolling, lantern-twisting, angle-bending and other shaping of either round, square or flat stel or pipes.

Usage to Make Different Designs in Gates, Windows,Furniture Etc.

**Scroll bending and Twisting Machine** is an iron/metal forming processes used to permanently form pipes or tubes it may form-bound or use freeform – bending procedures, and it may use heat supported or cold forming procedures. The Scroll Bending Machine is just what you need when you work with formed iron. This machine will allow you bend the iron easily however you need it. User friendly function you don't have to heat the metal to bend all you have done is put the metal in the machine. The machine elaborate patterns with ease no matter what kind of piece you are trying to create you will have an easy time creating it when you chose this machine. You can also use this machine to create fences, tables, gates, chairs, and more. You can utilize the machine to make numerous sorts of things and the machine can undoubtedly and rapidly twist the iron to whatever shape you need. You won't need to manage so many work costs when you pick this machine and it is anything but difficult to cause the machine to do whatever you need. The machine is exceptionally simple to utilize and set up and it won't require some investment to get the hang of this machine. This machine is a resource once contributed since you complete more work rapidly. The production will be fast where you can make more money. The scroll bending machine will reduce labor costs and make money fast. Since the machine runs on an advance technology computer the precision results are accurate and fast. Once programmed user can relax and let the machine do all of the work. With high efficiency of producing the machine to bend many different types of iron and it can work with a variety of thicknesses. It is so strong that it can bend many different types of iron quickly but won't crash when it is in use and you can run it continuously so you can make things faster. Estimate of 450 pieces of iron per hour has the great cavity to bend iron. This bender will help you take care of all of your needs quickly and it won't take long to produce your work.

Basically as it a combined twisting machine features where it is used to twist rope, cordage, resemble a ring and spinning-frame where the rotation of spindle or similar device would be use to twist threads, yarns, wires and the like. Our quality is well-known and design of the machine is advance and heavy duty with high speed with minimal human interference's. It is best in its design and is free from vibrations with user friendly features with high quality twisted yarn. Twisting machine has an air nozzle uses to improve the yarn properties and to decreases yarn density significantly after winding.

## Our Clients







Engineering &  
Construction



Power Plants



Automotive Industry



Chemical Industry



Playground Equipment  
Manufacturing



**INDUSTRIES  
WE SERVE**



Gym Equipment  
Manufacturing



Engineering &  
Construction



Furniture  
Manufacturing



Oil & Gas Industry



Pharmaceutical  
Industry



Biochemistry  
Industry



Engineering &  
Construction



# BENDTECH

## **BendTech Engineers**

23, Radheshyam Estate, Near Odhav Ring Road Circle,  
Ahmedabad-382415, Gujarat India.

**Email-ID :** [info@bendtechengineers.com](mailto:info@bendtechengineers.com)

**Website :** [www.bendtechengineers.com](http://www.bendtechengineers.com)



**Mr Hard Shah**  
+91 97626 20070  
+91 82000 11242



**Mr Jigar Prajapati**  
+91 95584 59754



**Mr Jaydip Hirpara**  
+91 81287 98084