



BENDTECH

We are manufacturer of
Best Quality
**Pipe Bending and Forming
Machines**

BENDTECH





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 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 & cost effective.

Our Mission



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

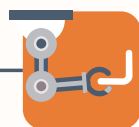
Our Vision



Industrial Revolution History

2017

We established our new start up and our journey was start.

**2022**

Innovation and development of pipe forming machines.



We have developed our First CNC Based pipe Bending Machine and open the door in export market

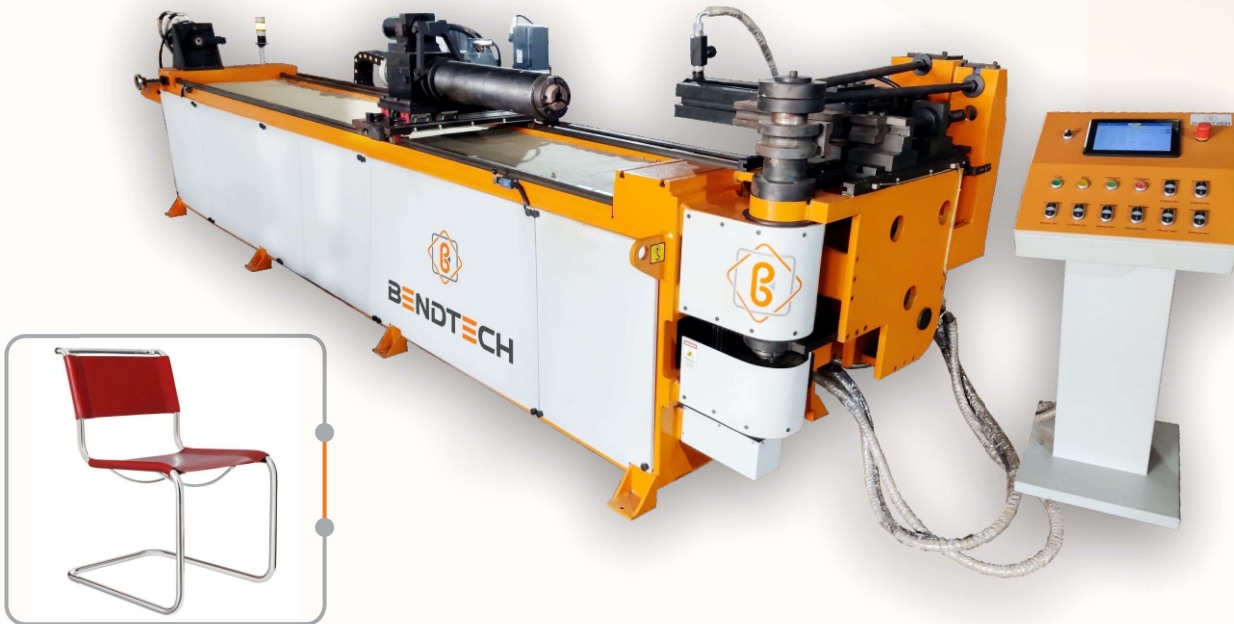
**2020****TODAY**

With over 400+ machines operating across India and around the world, our technology is driving innovation and efficiency in industries globally.



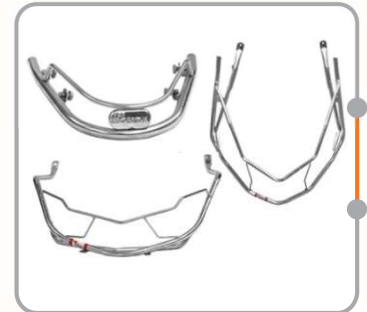
CNC PIPE BENDING MACHINE

Our high efficiency 3D CNC automatic hydraulic pipe bending, CNC Pipe Bending Machine 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 programming control system.



Features

- Fully automatic and CNC pipe bending machine.
- Equipped with servo motor programmable axis, 2 axis 3 axis, 5 axis or 7 axis
- Feeding: servomotor drive, Rotation: servomotor drive
- Bending: hydraulic and Servo motor
- 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 stability under the high temperature.
- Touch screen and human/machine interface control provide user friendly operations



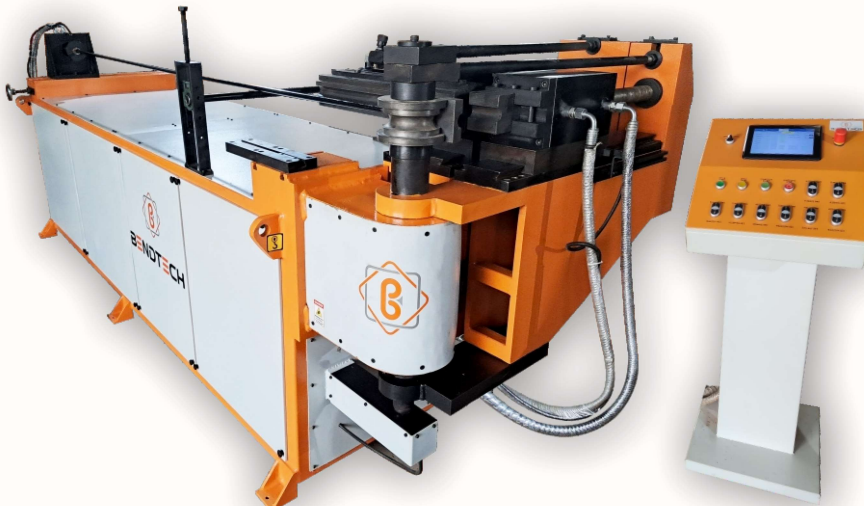
MODEL	BTE- 1 CNC	BTE- 1.5 CNC	BTE- 2 CNC	BTE- 2.5 CNC	BTE- 3 CNC
Pipe Size	10 ~ 25.4 mm	10 ~ 38.1 mm	12.7 ~ 50.8 mm	12.7 ~ 63 mm	12.5 ~ 89 mm
Pipe Wall Thk. (M.S)	1 ~ 2.5 mm	1 ~ 2.5 mm	1.2 ~ 2.5 mm	1.2 ~ 3 mm	1.2 ~ 4 mm
Pipe Wall Thk. (S.S)	1.2 ~ 2 mm	1.2 ~ 2 mm	1.2 ~ 2 mm	1.2 ~ 2.5 mm	1.2 ~ 3 mm
Bending Radius	1.5D To 3 D	1.5D To 3 D	2D To 3.5 D	2D To 3.5D	2D To 4D
Bending Speed (Degree/Sec)	180/12	180/12	180/14	180/14	180/15
HY.Motor Power	3 Hp	5 Hp	7.5 Hp	7.5 Hp	10 Hp
Axis	3,5 & 7	3,5 & 7	3 & 5	3 & 5	3 & 5
Operating Voltage	415v, 50Hz, 3ph	415v, 50Hz, 3ph	415v, 50Hz, 3ph	415v, 50Hz, 3ph	415v, 50Hz, 3ph



SEMI AUTOMATIC (NC) PIPE BENDING MACHINE

NC (Semi) Automatic Hydraulic Tube/Pipe Bending Machine, BENDTECH ENGINEERS 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.



MODEL	BTE- 1 SAPBM	BTE- 1.5 SAPBM	BTE- 2 SAPBM	BTE- 2.5 SAPBM	BTE- 3 SAPBM	BTE- 4 SAPBM
Pipe Size	10 ~ 25 mm	10 ~ 38 mm	10 ~ 50 mm	10 ~ 63 mm	10 ~ 89 mm	10 ~ 114 mm
Pipe Wall Thk. (M.S)	1 ~ 2.5 mm	1 ~ 2.5 mm	1 ~ 2.5 mm	1 ~ 3 mm	1 ~ 3.6 mm	1 ~ 4.2 mm
Pipe Wall Thk. (S.S)	1.2 ~ 2 mm	1.2 ~ 2 mm	1.2 ~ 2 mm	1.2 ~ 2.5 mm	1.2 ~ 3 mm	1.2 ~ 3.6 mm
Bending Radius	1.5D To 3D	1.5D To 3D	2D To 3.5D	2D To 3.5D	2D To 4D	1.5D To 4D
Motor Power	3 Hp	5 Hp	7.5 Hp	7.5 Hp	10 Hp	15 Hp



SEMI AUTOMATIC PIPE BENDING MACHINE WITH FERRULING AND DEBURRING

BendTech Engineers has Introduced a **semi-automatic pipe bending machine with ferruling and deburring operation** is designed to efficiently handle the bending, finishing, and preparation of pipes for use in various industries. These machines combine bending functionality with additional processes like **Ferruling** and **Deburring** for complete pipe preparation.



Deburring Unit



Ferruling Unit



**MOTORIZED DEGREE PIPE BENDING MACHINE****Features**

- Limit Switch For Angle Setting For More Accuracy.
- Longer Functional Life Due To the Robust Mechanical Design.
- Smooth Performance.

**SINGLE CYLINDER HYDRAULIC PIPE BENDING MACHINE**

The Product Single Cylinder Hydraulic Pipe Bending Machine specially developed product for whom having less number of production work with highly efficient and good quality bending Work. Machine is Robust in design with Degree Accuracy $\pm 1.5\%$.

This Machine Widely used in manufacturing industries like Two wheeler accessories, Decorative items, Hydraulic piping, Automotive Seat Frames Etc..

Motor-based degree pipe bending machines are used in a wide range of industries, including automotive, construction, chemical plants, and electrical appliances. These machines can bend pipes at angles ranging from 0° to 180° , and can be used manually or automatically.

MODEL	BTE-1 MDBM	BTE-1.5 MDBM	BTE-2 MDBM	BTE-2.5 MDBM
Pipe Diameter	10 ~ 25 mm	10 ~ 38 mm	10 ~ 50 mm	10 ~ 63.5 mm
Bending Radius	2D to 3.5D	2D to 3.5D	2D to 4D	2D to 4D
Pipe Wall Thk.	1 ~ 3 mm	1 ~ 3 mm	1 ~ 3 mm	1 ~ 3 mm
Max Bending Angle	180°	180°	180°	180°
Motor Power	2 Hp	3 Hp	5 Hp	7.5 Hp

★ Operating Voltage : 415 V, 50 Hz, 3 Ph

★ Pipe Bending Material : M.S S.S / AL / Cu

**Features**

- Suitable For Bending The Angle From 0° To 180° Can Be Adjusted Randomly.
- Limit Switch For Angle Setting For More Accuracy.
- Longer Functional Life Due To Robust Mechanical Design.
- Smooth Performance.

MODEL	BTE-1 SCHPBM	BTE-1.5 SCHPBM	BTE-2 SCHPBM
Pipe Size	10 ~ 25mm	10 ~ 38mm	10 ~ 50mm
Pipe Wall Thk.	1 ~ 3 mm	1 ~ 3 mm	1 ~ 3 mm
Pipe Material	M.S / S.S AL / Cu	M.S / S.S AL / Cu	M.S / S.S AL / Cu
Motor Power	2 Hp	3 Hp	5 Hp
Hy. Tank Size	30 Ltr.	40 Ltr.	50 Ltr.
Bending Direction	Clockwise	Clockwise	Clockwise
Accuracy	± 1.5 Degree	± 1.5 Degree	± 1.5 Degree

★ Operating Voltage : 415 V, 50 Hz, 3 Ph

★ Pipe Bending Material : M.S S.S / AL / Cu

**PIPE END FORMING MACHINE**

A **Pipe End Forming Machine** is a specialized industrial device used for modifying the ends of metal pipes and tubes to achieve desired shapes or sizes. These machines are widely utilized in industries such as automotive, HVAC, aerospace, furniture, and plumbing, where precise and reliable pipe end modification is required.

It can be Performs operations like **flaring, Beading, Swagging & Pipe End Radius**. Machines can be semi-automatic or fully automatic, depending on the requirements.

MODEL	BTE-1 PEFM	BTE-1.5 PEFM	BTE-2 PEFM	BTE-3 PEFM
Pipe Diameter	10~25.4 mm	10~38.1 mm	10~50 mm	10~75 mm
Pipe Wall Thk. (M.S)	1 ~ 1.5 mm	1 ~ 1.5 mm	1.2 ~ 3 mm	1.2 ~ 3 mm
Pipe Wall Thk. (S.S)	0.8 ~ 1 mm	0.8 ~ 1 mm	1.2 ~ 1.5 mm	1.2 ~ 1.5 mm
Motor Power	3 Hp	3 Hp	5 Hp	7.5 Hp
Cycle Time	20 to 25 Sec	20 to 25 Sec	20 to 25 Sec	20 to 25 Sec

- ★ Operating Voltage : 415 V, 50 Hz, 3 Ph
- ★ Pipe Forming Material : M.S / S.S / AL / Cu
- ★ All models are available in Single station / Double station



Flaring



Beaded



Swagging

**MECHANICAL THREE ROLLER PIPE BENDING MACHINE**

BENDTECH ENGINEERS Three Roller Pipe Bending Machine made of welded and mechanized steel plates. Different from others, this one is not made of cast iron. Ideal for making flanges, greenhouses, balusters, tables, chairs, doors, windows. Making a great number of circular shapes in all kinds of profiles. Its robustness, axis diameter, reducer capacity and other features, make it one of the best bending machines in the market, within the category of three traction rollers, which is an essential condition to work with pipes and obtain a perfect finish.

Two roller drive and Three roller drive both models are available.

MODEL	BTE-1 MATRBM	BTE-2 MATRBM	BTE-3 MATRBM
Pipe Size	10 ~ 25 mm	10 ~ 50 mm	10 ~ 75 mm
Pipe Wall Thk.	1 ~ 2 mm	1 ~ 3 mm	1 ~ 3 mm
Motor Power	2 Hp	3 Hp	5 Hp
Gear Box	Yes	Yes	Yes
Forward Reverse	Clockwise & Anticlockwise	Clockwise & Anticlockwise	Clockwise & Anticlockwise
Bend Direction	By Switch	By Switch	By Switch





HYDRAULIC THREE ROLLER PIPE BENDING MACHINE

A Heavy Duty Hydraulic Three-Roller Drive Pipe Bending Machine is a robust industrial machine designed for bending large-diameter pipes and tubes with precision. This machine uses three rollers—two stationary and one adjustable—to perform the bending operation. It is primarily used in industries like construction, shipbuilding, oil and gas, and manufacturing where heavy-duty applications are required.

Two roller drive and Three roller drive both models are available.

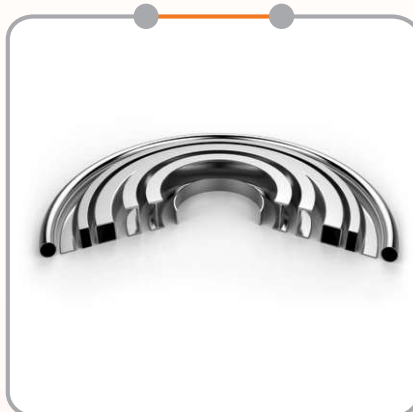


MODEL	BTE-2 HATRPBM	BTE-3 HATRPBM
Pipe Size	12 to 50 mm	12 to 75 mm
Pipe Wall Thk.	1 to 3mm	1 to 3mm
Motor Power	3 Hp	5 Hp
Hydraulic Power Pack	1 Hp	2 Hp
Feed	Manual	Manual
Bending Direction	Clockwise / AntiClockwise	Clockwise / AntiClockwise

- ★ Operating Voltage : 415 V, 50 Hz, 3 Ph
- ★ Pipe Bending Material : M.S / S.S / AL / Cu

MODEL	BTE-4 HATRPBM	BTE-5 HATRPBM	BTE-6 HATRPBM
Pipe Size	10 to 114 mm	12.7 to 138 mm	12.7 to 168 mm
Pipe Wall Thk. M.S	1.2 ~ 4 mm	1.2~ 4 mm	1.2 ~ 5mm
Pipe Wall Thk. S.S	1.2 ~ 3 mm	1.2 ~ 3 mm	1.2 ~ 3.6 mm
Bending Motor Power	7.5 Hp	10 Hp	15 Hp
Hydraulic Motor Power	3 Hp	5 Hp	7.5 Hp
Bending Direction	Clockwise / AntiClockwise	Clockwise / AntiClockwise	Clockwise / AntiClockwise

- ★ Operating Voltage : 415 V, 50 Hz, 3 Ph
- ★ Pipe Bending Material : M.S / S.S / AL / Cu



**SEMI AUTOMATIC BUS
BAR BENDING MACHINE**

A semi-automatic bus bar bending machine is designed to efficiently bend copper, aluminium, or other conductive materials (typically used for electrical connections) into precise shapes or angles. These machines combine the flexibility of manual operation with the convenience of automation for increased productivity.

BendTech Engineers has Introduced India's First Semi-Automatic Bus bar bending machine Which can Handle Bus Bar Thickness of 3mm to 10mm and Width Range of 100mm to 400mm.

BendTech Engineers has Introduced the model in which Gauging will be Based on Servo to maintain Length Accuracy.

It is commonly used in industries like electrical, power generation, and distribution, where bus bars are used for power transmission. Which is ideal for industries that need to produce high volumes of precisely bent bus bars.

MODEL	BTE-15 SABBBM	BTE-20 SABBBM	BTE-30 SABBBM
Max. Tonnage Capacity	15 Ton	20 Ton	30 Ton
Flat Height	Upto 150 mm	Upto 250 mm	Upto 400 mm
Max. Flat Thk.	5 mm	8 mm	10 mm
Stroke Length	70 mm	100 mm	100 mm
Hydraulic Motor Power	3 H.P	5 H.P	7.5 H.P
Servo Motor Power	400W	400W	400W

★ Operating Voltage : 415 V, 50 Hz, 3 Ph

★ Working Table size and Stroke Length Can be Vary as per the Different Requirements.

**ROUND AND SQUARE PIPE
NOTCHING MACHINE**

A Hydraulic Operated Pipe Notching Machine is an advanced tool specifically designed for creating notches on pipes and tubes using hydraulic power. This type of machine is favoured for its precision, efficiency, and ability to handle high workloads in industrial settings.

Choosing Hydraulic Type Notching Machine Can Increase Precision, Efficiency, Accuracy, Durability Also As we are Providing Auto Mode feature so that it can Give Minimal Operator Fatigue, Consistency in High Volume Production and also it Reduces Noise and Vibration.

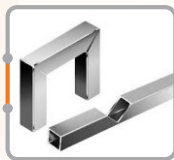
Advantages :

- **High Precision:** Ensures accurate notching with minimal error.
- **Efficiency:** Reduces the time required for manual cutting or grinding.
- **Consistency:** Produces uniform notches, ideal for high-volume production.
- **Versatility:** Accommodates a wide range of pipe sizes and angles.
- **Durability:** Built to withstand rigorous industrial use.

MODEL	BTE-1 PNM	BTE-1.5 PNM	BTE-2 PNM	BTE-3 PNM	BTE-4 PNM
Pipe Dia.	10 to 25.4 mm	10 to 38.1 mm	10 to 50 mm	10 to 75 mm	10 to 100 mm
Pipe Wall Thk. M.S	1 ~ 2 mm	1 ~ 2.5 mm	1.2 ~ 3 mm	1.2 ~ 3 mm	1.2 ~ 4 mm
Pipe Wall Thk. S.S	0.8 ~ 1.5 mm	0.8 ~ 2 mm	1.2 ~ 2 mm	1.2 ~ 3 mm	0.8 ~ 2.5 mm
Max. Hy. Pressure	150 bar	150 bar	200 bar	200 bar	200 bar
Hydraulic Motor Power	3 Hp	3 Hp	5 Hp	7.5 Hp	10 Hp



Round Pipe Notching



Square Pipe Notching



PIPE TAPER MACHINE



- Manual taper machine uses advanced technology to process Metal Tubes ($\Phi 16-51\text{mm}$).
- It has the characteristics of good processing quality, low cost and high efficiency. It is an ideal choice for processing Metal taper tube.
- This machine has fast processing efficiency and 2S forming speed, which is faster than other machines. This machine processes wide wall thickness (0.6mm-1.5mm).
- This machine has Moderate noise and long service life.

MODEL	BTE-38 PTM	BTE-50 PTM
Processing Pipe Dia.	10~38 mm	10~50.8 mm
Pipe Wall Thk.	0.7 To 1.5 mm	0.7 To 1.5 mm
Max. Pipe Taper length	300 mm	450
Motor Power	7.5 Hp	10 Hp
Pipe Taper Material	MS/SS/AL/CU	MS/SS/AL/CU
Operating Voltage	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph



HORIZONTAL HYDRAULIC PRESS MACHINE



The versatility of BENDTECH make **Horizontal Hydraulic Press Machine** (BTE-HHP) makes it possible for us to make a great deal of 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.

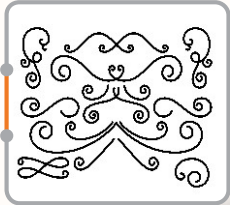
Many workshops use these presses to stretch and form different kinds of profiles. It is also a solution to bend different profiles at different radius and keeping the ends straight. Mainly this Machine is used to make smaller parts like small rods, flats in particular degrees In cold forging. BendTech Engineers has Developed 3 Different Models in it as per the tonnage capacity and Common sizes which is used in industry. Although Stroke Length, Table size can be Changed as per the requirement.

MODEL	BTE-15 HHP	BTE-20 HHP	BTE-30 HHP
Max. Tonnage Capacity	15 ton	20 ton	30 ton
Working Table Size	400 x 300mm	600 x 400mm	800 x 600mm
Stroke Length	100 mm	150 mm	200 mm
Hydraulic Motor Power	3 Hp	5 Hp	7.5 Hp
Max. Hy. Pressure	150 Bar	150 Bar	200 Bar
Operating Voltage	415V, 50Hz, 3ph	415V, 50Hz, 3ph	415V, 50Hz, 3ph
Material Feeding	Manual	Manual	Manual



SCROLL BENDING AND TWISTING MACHINE

A Scroll Bending and Twisting Machine is a specialized piece of equipment designed to bend, twist, and shape metal bars, rods, or strips into decorative or functional patterns. These machines are widely used in industries like metalworking, ornamental ironwork, furniture manufacturing, and construction. When selecting a Scroll Bending and Twisting Machine, consider factors like the material thickness, desired patterns, production volume, and available budget. Key operations of the machine are scrolling, twisting and pinching.



MODEL	BTE-12 SBTM	BTE-18 SBTM
Rod Diameter	6~12 mm	6~18 mm
Rod Material	Mild steel	Mild steel
Machine Operation	Bending & Twisting	Bending & Twisting
Motor Power	2 Hp	3 Hp
Operating Voltage	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph
Material Feeding	Manual	Manual

★ Additional mechanism is available for Square pipe pinching and scrolling operation.



PIPE DEBURRING MACHINE



Bendtech Engineers has Designed and Developed Highly Efficient **Hydraulic pipe deburring machine** is designed to remove burrs, sharp edges, and other imperfections from the ends of pipes after cutting or bending. These machines use hydraulic pressure to perform the deburring operation efficiently, ensuring smooth, safe, and clean edges. They are commonly used in industries like plumbing, automotive, HVAC, and manufacturing, where clean pipe edges are critical for safety, assembly, and fluid flow.

Machine Working will be based only hydraulic system only. Hydraulic Motors are used to making Process Fast and uniform. Deburring tool Design Made Conical so that you can use one tool for Max and Min Pipe Size Range of the particular model. Deburring tool is Made From carbide tips it can give More life and Durability to the cutters.

MODEL	BTE-50 PDM	BTE-63 PDM	BTE-75 PDM
Pipe Diameter	12.5 To 50 mm	12.5 To 63 mm	12.5 To 75 mm
Pipe Thk.	1.5 ~3 mm	1.5 ~4 mm	1.5 ~4 mm
Max. Hy Pressure	100 Bar	100 Bar	150 Bar
Motor Power	2 H.P	2 H.P	3 H.P
Operating Voltage	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph	415 V, 50 Hz, 3 Ph





OUR CLIENTS



INDUSTRIES we serve

Chemical Industry

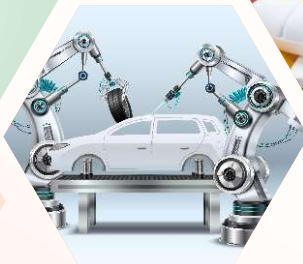


Furniture Industry



Oil and Gas Industry

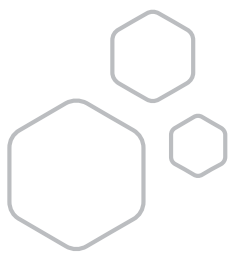
Automotive industry



Pharmaceutical industry



Power Plant



BENDTECH



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