

China CNC Pipe Bending Machine Manufacturers

Detail Introduction :

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KIANDE is one of the leading manufacturers of CNC pipe bending machines in China.

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KIANDE is a company dedicated to produce and sell CNC tube bender, NC pipe bending machine, used tube bending machine, full automatic pipe bending machine (welding fittings), hydraulic rotary draw bending machine, cold drawn precision steel tube, stainless steel coiling tube, small diameter stainless steel tube and special shaped tubes.

We have more than 20 years experience in this field and have a good reputation in this field. Our products have won praise from customers worldwide.

Want to buy a pipe bender? Here are some tips to ensure you choose the right machine for your needs.

Pipe benders are often sold as a standalone, manual tool to bend tubing. However, they can also be used in conjunction with a variety of other machines and equipment. For instance, pipe benders can be used in tandem with cutting equipment, such as saws or drills, if you want to cut off the ends of your pipes before bending them into the desired shape. Other tools that can be used in conjunction with pipe benders include welding equipment, which can be used to join the ends of pipes together. The most important thing is that you choose the right machine for your needs.

Here are some tips to help you choose the right pipe bender for your needs:

Decide what type of pipe you will use: Most pipe benders are designed for use with metal or PVC pipe, but there are other types of material available. If you are shopping for a new pipe bender, make sure that it is capable of bending the type of material that you will use. Otherwise, you may end up having to buy another machine later on down the road.

Consider how much power it requires: Some machines require a lot of power while others don't need much at all. If you're going to be using your machine frequently or working on projects with larger

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Those who are new to the world of pipe bending often have questions about the different types of benders and what they're used for. This is understandable, considering the variety of pipe benders available on the market. Here's a quick guide to choosing the right type for your project.

Manual Benders

These are great for hobbyists and DIY projects. Manual benders are generally affordable and don't require electricity or hydraulics in order to function. They come in two primary varieties: benchtop and floor models. Benchtop machines tend to be better suited for lighter-duty projects, while floor models are more durable and ideal for industrial applications.

Hydraulic Power Benders

If you require more power than a manual bender can provide, then a hydraulic model might be the answer. Hydraulic power benders use pressure from an external pump (usually electrical) to bend

pipes without requiring much force from the user. They're generally easier to use than manual models, especially when it comes to creating complex bends with tight radii. Hydraulic power benders are available in manual or automatic configurations, depending on how much assistance you want from a machine during your bending operations.

Automatic Rotary Draw Benders

These machines create smooth bends using rotating draw

The 3 most common types of tube benders are manual, hydraulic and electric benders.

The 3 most common types of tube benders are manual, hydraulic and electric benders. These benders are used by mechanics, metal workers and hobbyists to bend pipes and tubes to a specified angle. When installing pipes or tubes in a structure, benders are used to navigate the piping around obstacles such as wiring, studs and other material.

These are the types of tube benders:

Manual Benders

Manual pipe benders use manual force to bend pipes. This is the most affordable type of pipe bender on the market, but it also requires a lot of strength and energy to bend tubes or pipes. Manual pipe benders usually have an adjustable handle that can be moved back and forth depending upon how far you need to bend the tube.

Hydraulic Benders

Hydraulic pipe benders use hydraulic pressure to bend tubes or pipes. These are more expensive than manual pipe benders, but they require less effort because hydraulic power is used instead of manual force.

Electric Benders

Electric pipe benders use electricity to bend tubes or pipes. These types of pipe benders come with a remote control that allows you to control the bending process from a distance. Electric pipe benders can be very expensive depending upon the brand you choose

Manual tube benders offer a high degree of control, are easy to use and are inexpensive.

Manual tube benders, sometimes called hand tube benders, are great for smaller volume production. They are easy to set up and operate and are a low-cost alternative to hydraulic benders. Our manual tube and pipe benders will efficiently and precisely bend tubes for many applications such as furniture making, automotive fabrication, bicycle frame building and many more.

Manual tube benders (also known as hand tube benders) are traditionally used for small volume production or where electrical power is not available. These tools are compact, lightweight and extremely portable which makes them ideal for working in areas where larger machines can't be easily accessed.

Manual benders can also be used in conjunction with a hydraulic pipe bending machine to accurately form the end of a pipe prior to fitting to guarantee perfect results every time.

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This is the most common type of tube bender and is used to bend tubes in the same plane. A single-plane bender makes smooth, consistent bends with very little effort, even on a heavy tubes.

Single-plane benders have a three-jaw system that grips the tube at two points and push it against a third stop. This prevents slipping, which often happens with two-jaw tube benders and can cause inconsistent bends or even damage tubes.

Electric pipe benders work well but their controls can be complex and they can be expensive.

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Hydraulic pipe benders are also available and some of them are very powerful. They are generally more expensive than electric powered units but they can bend tube much more quickly.

Manual benders are cheaper than the others but they require more physical effort. This means that they may not be suitable for people who are not very strong or who suffer with joint problems such as arthritis.

If you have a large diameter pipe to bend, you may need to use an industrial mandrel pipe bender. This is the most expensive tool but it is also the most versatile because it can often handle a wide range of diameters and materials.

There are many different types of pipe benders and each has its own advantages and disadvantages.

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Hand benders have a long handle to leverage against the floor, wall or pipe. They are simple and lightweight, with a variety of interchangeable bend heads that are easy to attach and remove. Their biggest disadvantage is that you need plenty of space to use them, which can be difficult in some cramped areas.

Spring benders use a spring-loaded action inside a rigid frame to grab the pipe and bend it to your desired angle. This makes them compact enough to use in tight spaces, although they're not as precise as other options. It's also easy to accidentally bend the wrong section of pipe if you don't watch carefully.

Hydraulic benders use high pressure to push a piston against the inside of the pipe while an outside form bends it around the shape you want. Hydraulic benders come in several sizes and styles: some have fixed bending frames with pumps, others have handheld pumps with flexible bend forms that can apply pressure from multiple sides at once for precise bends.