

JANSEN

ORNAMENTAL SUPPLY CO.

TUBE BENDER

Information Brochure

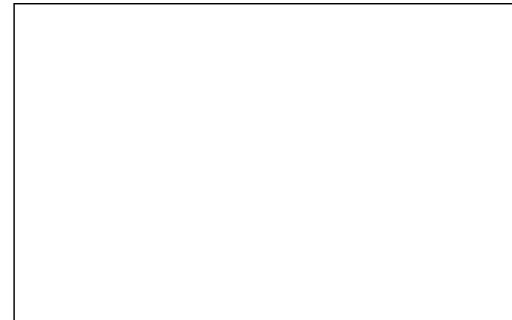


Base Length: 36-1/2" Base Height: 18"
Base Width: 9-1/2" Handle: 23-1/2"
Aluminum Die Cast Frame. 57.5 lbs
One Year Warranty.

Thank you for purchasing
Your Jansen Tube Bender.

The Jansen Tube Bender
is designed to bend a large
radius out of square or
rectangular mild steel tubing.

A optional kit for rolling pipe
is available for purchase.

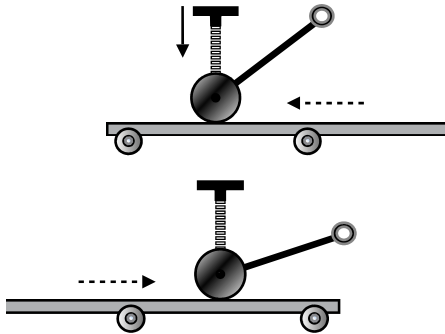


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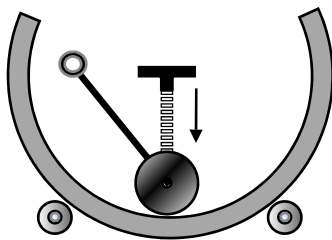


Directions: For square or rectangular material) Select a clean, straight length of material. Insert your material down the center of the bender. Using a 3/16" Allen hex wrench adjust the lock collars to 1/16" clearance on each side. **Be sure to center your material.**

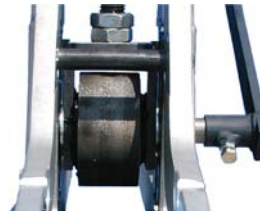


Start with your material at one end about an inch beyond the roller axle. Now apply one full turn from the T-handle and roll with the crank handle to the other side and stop about an inch over the other roller axle. If everything seems to be functioning properly apply another full turn on the T-handle and roll the material to the other end. Be sure to stop at the same spot each time at either end.

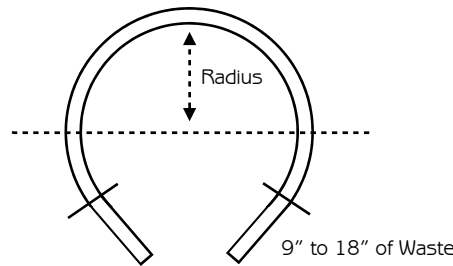
Continue applying turns to the T-handle and rolling the material back and forth until the desired radius is accomplished.



The knurled center wheel allows the material to be rolled more easily when pressure from the T-handle is applied. It grips the material as it rolls.



On a typical radius bend you could waste from 9" to 18" of material on each side depending on which roller slot is used. Please allow for the proper material waste in your project.



Positioning of the Outer Rollers:

Closer to the center (for smaller material) means a tighter radius.

Further out from the center (for larger material) means a larger radius, easier rolling.



Small Radius



Larger Radius

Gate Arches:

When making large radius curves, use either a straight edge or a string to gauge the rise of the curve as you are making it. Lay the straight edge in the curve and measure the drop at the center point.

Pipe Roller Kit

This Optional Pipe Roller Kit comes with a Main Center V-wheel, two V-rollers and a handle.



Optional Pipe Roller #PRKT



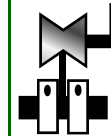
Pipe:

Move outside V-rollers to the middle position (a suggested starting point). Install the Main Center V-wheel. Follow same procedure as in the bending of square or rectangular material.



Cap Rail:

Move outside V-rollers as close to the main Center V-wheel as possible to prevent the material from flopping sideways.



Flat Bar:

For flat bar thicker than 1/4", it is advisable to use the main V-wheel (to keep material vertical) and the flat roller axles of the original square bender that has the lock collars. Adjust collars the exact width of the material.

Hints & Tips:

- Be sure that the two nuts at the base of the T-handle remain tight at all times.
- If the wall of your material collapses you might need to use a thicker gauge material for your project.
- Lubricate the outer roller / wheels after 2-3 uses, this makes the bender more user friendly.
- Do not apply excess pressure to the material. This will cause the tube section to collapse.
- Do not force the material through the bender. Damage to the bender and material could occur.
- Due to the variety and quality of stock available, it is always a good idea to try a short test piece to evaluate the performance of this bender on different materials.
- It is important that this bender be kept clean of dirt particles which will damage the main axle, (dust from grinders etc ..) this will help maintain peak performance for your bender.