

WARNING PIPE VISE STAND

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced, or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

⚠ WARNING: This product can expose you to chemicals including Chromium from steel products, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

Read these instructions & the warnings & instructions for all equipment being used before using pipe vise stands to reduce the risk of serious personal injury.

- **Always wear eye protection to reduce the risk of eye injury.**
- **Use appropriate safety equipment. Always wear hand & foot protection to reduce the risk of injury.**
- **Support pipe with pipe stands.** Failure to properly support the pipe can cause vise tipping, falling pipe, chain breakage & serious injury.

NOTICE: Use of equipment for both carbon & stainless-steel pipe can lead to contamination of the stainless-steel material. This contamination could cause corrosion & premature pipe failure. To prevent ferrous contamination of stainless-steel pipe, use dedicated equipment. Alternately, a stainless-steel wire brush may be used to thoroughly clean the equipment when switching between materials.

Description: Pipe Vises are used to hold & work pipe with a chain or yoke vise, see Figure 1.

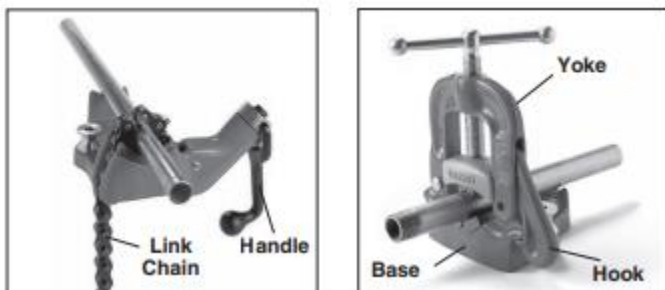


Figure 1

All are equipped with tool hangers and a tray for equipment storage during use, pipe benders for bending & adjusting pipe, & a jackscrew to help stabilize the vise. The pipe vises easily fold for storage & transportation & allow adjustment of stand stiffness.

Assembly: The yoke for the 40-A can be assembled to the base to open to either side. Attach with supplied bolt & nut.

Inspection/Maintenance: Pipe Vises should be inspected before each use for wear or damage that could affect the safe use of the vise. Clean the vise to aid inspection & help prevent handles, etc. from slipping from your grip. Make sure the vise is complete & properly assembled. Clean the teeth of the jaw with a wire brush to remove dirt. Replace jaw if teeth are worn to prevent pipe slippage. Inspect chain for any separation of links or other damage. Link separation indicates the chain has been overloaded & should be replaced. If any problems are found, do not use the vise until the problems are corrected. Lubricate all moving parts/joints as needed with a light lubricant oil & wipe any excess oil from the stand.

Pipe Vise Set Up and Operation:

1. Locate a clean, level, stable location to set up the vise.
2. Place vise stand with feet on floor & open legs. Carefully push down on the center of the tray & lock into position. Keep fingers & hands away from pinch points to prevent injury.
3. A properly adjusted stand in good condition should sit solidly with no significant looseness. To adjust: a. Remove all objects (pipe, tools, etc.) from stand. Carefully push up on the tray to unlock. Stay clear of moving legs.

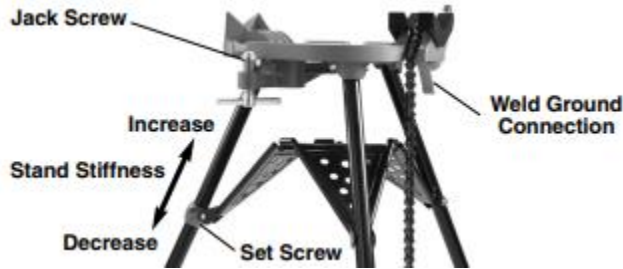


Figure 2

- b. Loosen the set screw on the rear tray support.
 - c. Move the rear tray support towards the vise to increase stiffness, & away from the vise to decrease stiffness.
 - d. Firmly tighten the set screw on the rear tray support. Repeat above steps until properly adjusted. On worn out stands, adjustment may not be possible.
4. The stand can be anchored for greater stability.
- Jackscrew – Cut a length of 1" sch. 40 steel pipe to fit between the jackscrew & a suitable overhead support (such as a structural beam or concrete floor). Firmly tighten the jackscrew to hold the vise in place. As larger loads are placed on the vise, the jackscrew may require further tightening.
- Anchoring the feet – Holes are provided in the leg feet to fasten the stand to the floor. Always use this method when using the stands with geared threaders and for large, heavy pipe to prevent tipping.
5. Place pipe into vise. Tighten the vise to hold the pipe in place. Do not drop the pipe on the vise or use handle extensions when tightening the vise, this can damage the vise. Make sure the pipe & stand are stable for the work to be done. For best stability during use, keep the pipe end as close to the vise as possible. Use appropriate pipe supports if the pipe extends past the base of the stand. Failure to properly support the pipe can cause chain breakage, vise tipping, falling pipe & serious injury. When using the vise, do not overreach, maintain proper footing, & balance at all times. This allows better control in unexpected situations.
 6. Pipe Benders – to reduce the chance of kinking, bend approximately 10 degrees at a time, moving the pipe slightly in or out of the bender after each bend, until the desired bend is formed.
 7. Stand Leveling – Leveling of the stands can be accomplished with appropriate shims under the feet of the stand. Always confirm that the stand is secure & stable to prevent shifting or tipping during use.
 8. Welding Connection – Pipe Vises include a welding ground connection point under the vise, see Figure 2.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment, **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**