

Volume

1.1

OPERATIONAL MANUAL

MODEL: 618 - 6" PIPE VICE TRIPOD STAND



by BLUEROCK® Tools

618 - 6" PIPE VICE TRIPOD STAND

UNPACKING THE ITEM

Caution: This device is packed together with items that may be sharp, oily and overly heavy objects. Remove the device from the packaging in a safe manner. Check to ensure all accessories are included with the item while unpacking. If any parts are found to be missing, contact the retailer as soon as possible. Do not throw away the packaging until the item is out of the guarantee period. Dispose of the packaging in an environmentally responsible manner. Recycle if possible. Keep all plastic bags away from children due to risk of suffocation.

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Table of Contents

SAFETY	1
<i>PRE-OPERATIONAL SAFETY CHECKS</i>	1
<i>OPERATIONAL SAFETY CHECKS</i>	1
SPECIFICATIONS	2
GENERAL MAINTENANCE	2
ASSEMBLY INSTRUCTIONS	3
OPERATIONS	5
<i>PURPOSE</i>	5
<i>DEVICE ASPECTS</i>	5
<i>TRANSPORTING THE DEVICE</i>	5
<i>SETTING UP THE DEVICE</i>	6
<i>USING THE DEVICE</i>	6
PARTS LIST	7
BREAKDOWN VIEW	8

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Safety

DO NOT USE THIS DEVICE UNLESS YOU HAVE READ THE OPERATING INSTRUCTIONS!



Safety glasses must be worn at all times in work areas. Use a full face mask whenever possible.



Long and loose hair must be contained.



Appropriate footwear must be worn.



Close fitting/protective clothing must be worn.



Safety gloves should be worn at all times and jewelry must not be worn.



Hearing protection should be worn when using this device.



Read operational manual prior to use.



Dust mask must be worn while using certain devices.

PRE-OPERATIONAL SAFETY CHECKS

- Examine the body of the device and inspect for damage or defects.
- Make sure the vice is complete and in operable condition.

OPERATIONAL SAFETY CHECKS

- ONLY to be operated by qualified personal who have read instructions.
 - NOTE: Failure to read and follow instructions could result in electrical shock, fire, property damage and/or serious injury!
- DO ensure all non-essential people are clear of the immediate work area.
- DO stay alert and use common sense when using this stand.
- DO NOT make adjustments to device while under load on base.
- DO NOT operate device outside of device specifications.
- DO NOT allow children or untrained personal to operate device.
- DO NOT use this device in the rain or a wet environment. If using outdoors, make sure the surface is clean and dry.
- DO NOT operate this device on the same work surface where welding is being performed. This could result in severe damage to the device or personal injury to the user.

Specifications

MECHANICAL DATA	
Pipe Capacity	1/2" – 6"
Base	Cast Aluminum
Includes	Slot for Hanging Tools Pipe Rest
Max Pipe Diameter	6" Max
Pipe Benders	3
Jack Screw	Yes

General Maintenance

➤ Keep device clean and free of debris.
➤ Check for misalignment, binding and breakage of all moving parts. If damaged, repair tool before use.
➤ Clean the stand of all dirt and oil as well as the teeth of the jaw with a wire brush. Replace teeth if dull to prevent pipe slippage.
➤ Inspect chain to ensure there is no link damage or chain separation. Link damage indicates there has been an overload on the chain and the chain should be replaced.
➤ Lubricate all moving parts and joints as necessary with oil and wipe and excess from the stand.

Assembly Instructions

- **Step 1)** Insert rear leg assembly (part no. 15) into tray support (part no. 4) as shown in Fig 1. Tighten the set-screw (part no. 13) lightly at this time.

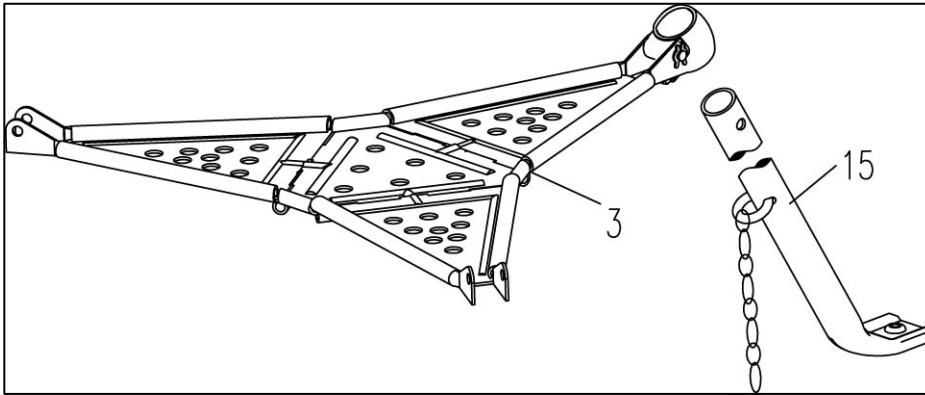


FIGURE 1

- **Step 2)** Slide front leg assembly (part no.14) into tray support, aligning holes in tool tray (part no.3) with holes in front leg assembly. Slide tray pin (part no. 11) through the holes and fix with clip (part no. 12). See figure two below.

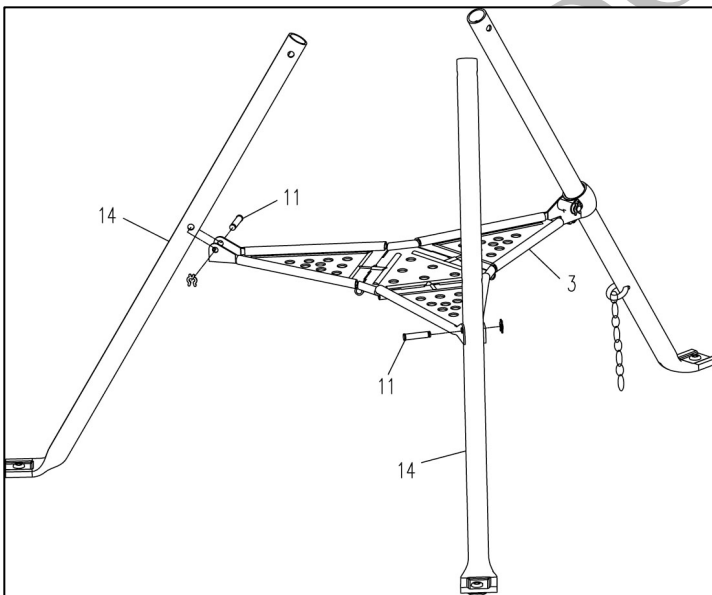


FIGURE 2

- **Step 3)** Place Base assembly (part no.1) upside down on ground or bench and place legs into the holes with Front leg assembly (part no.14) toward jaws. Insert Leg bolts (part no.6), secure with nuts and lock-washers (part no. 7) see figure 3 below.

1206 TRIPOD STAND

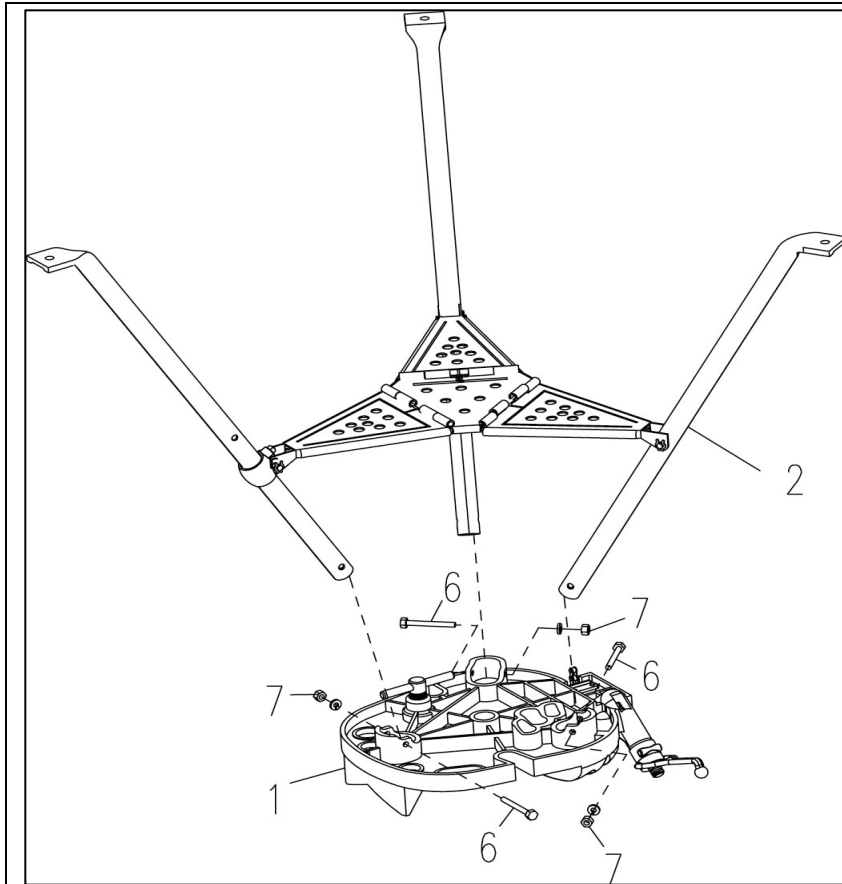


FIGURE 3

➤ Step 4) Turn the stand right side up and straighten tool tray. Adjust and tighten the set screw (part no. 13) at desired height (see figure 4 below).

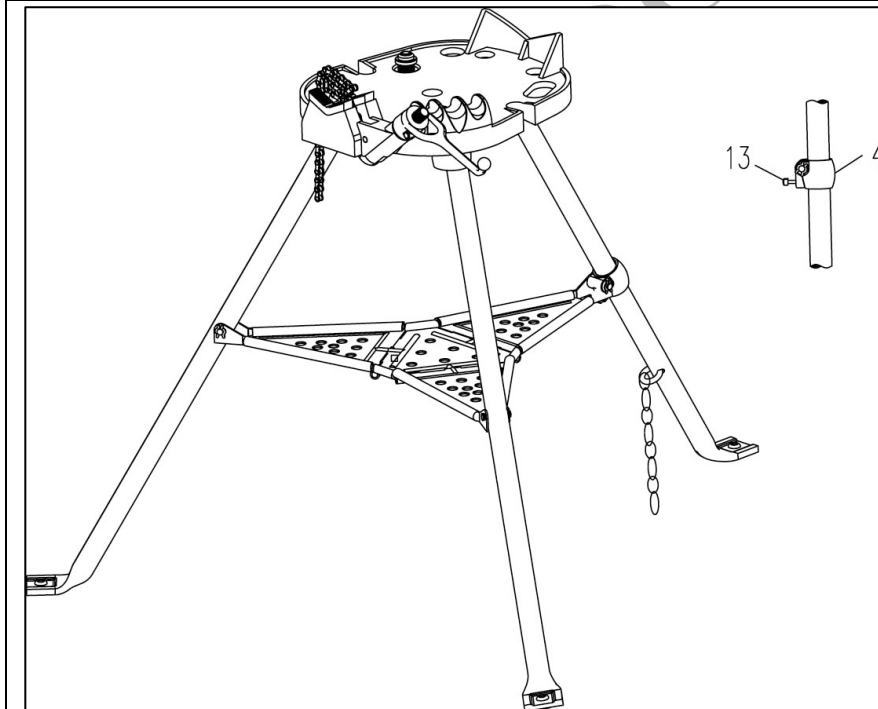


FIGURE 4

Operations

Note

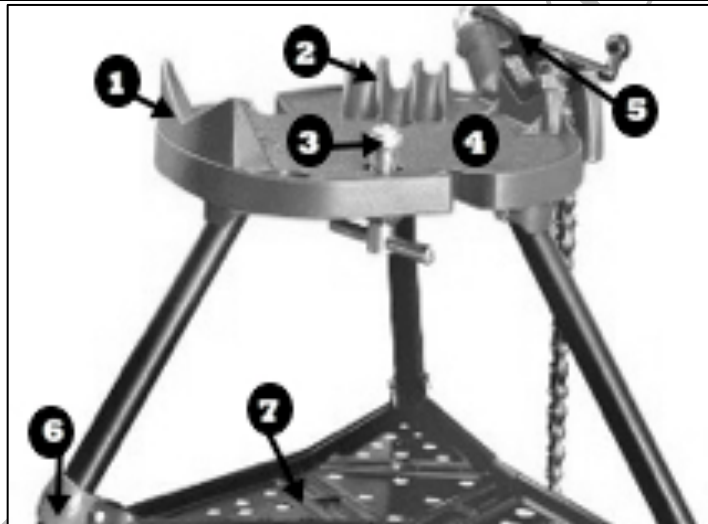
THOROUGHLY READ THROUGH THE ENTIRE MANUAL BEFORE OPERATING THIS DEVICE!

SERVICING SHOULD ONLY BE DONE BY A QUALIFIED TECHNICIAN

PURPOSE

- The purpose of the 618 6" pipe stand is to use for processing pipe.

DEVICE ASPECTS



1	Pipe Channel	5	Chain Vise
2	Pipe Bending Channels	6	Tray Support with Pin
3	Jack Screw (for ceiling bracing)	7	Tool Holder Tray
4	Stand Base		

TRANSPORTING THE DEVICE

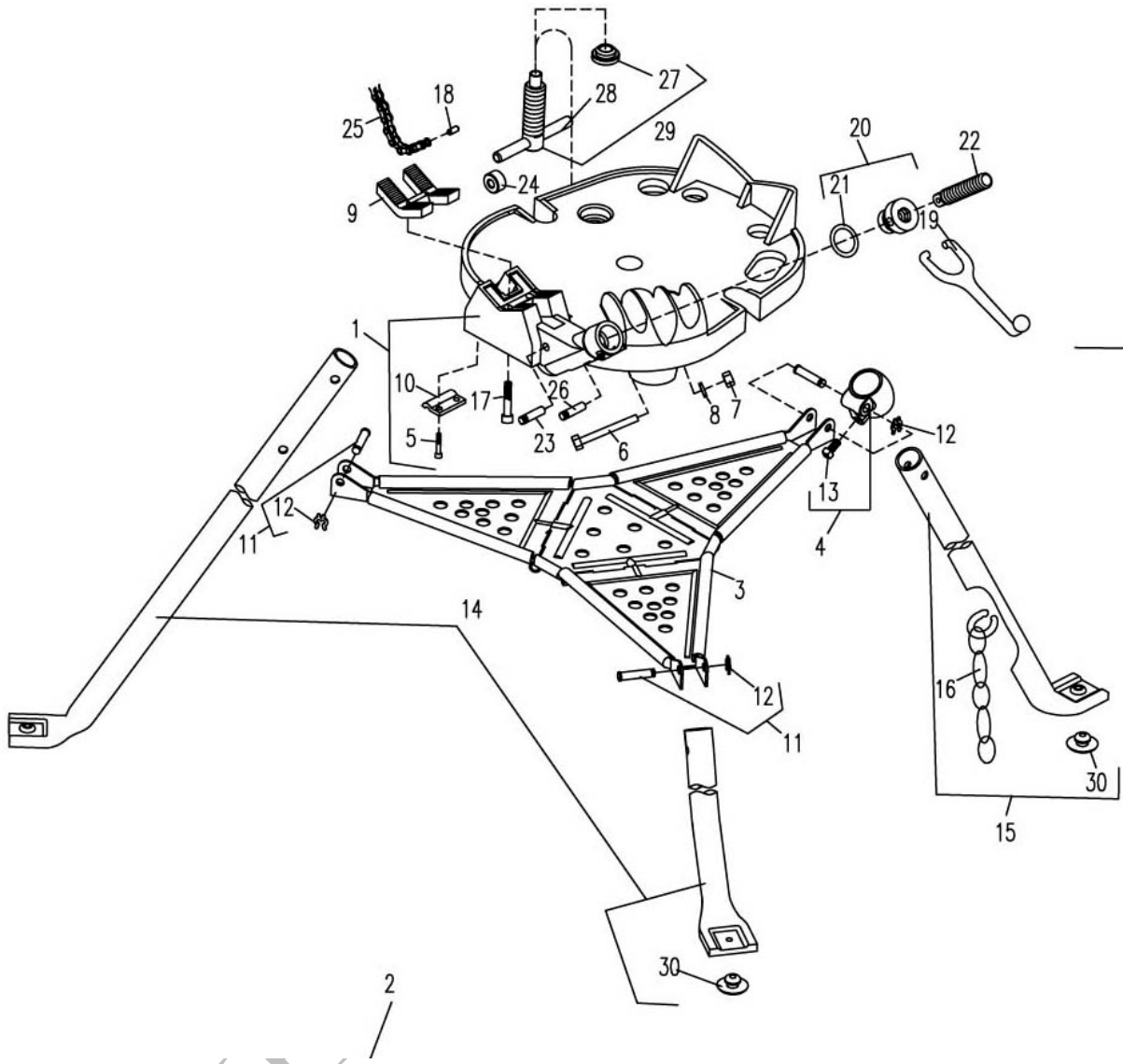
- When transporting the device, always carry with two hands.
- If transporting inside a vehicle, it is recommended to transport it on its side with the legs collapsed so as to avoid the item falling over.

SETTING UP THE DEVICE	
➤	Locate a clean, level and stable place where the stand will be placed.
➤	Place stand with the feet on the floor and slowly open the tripod legs. Carefully push down on the center of the tool tray until the tray is locked into position.
○	CAUTION: Be mindful of fingers and hands as pinch-points can develop during this procedure.
➤	To level the stand, loosen the set-screw on the rear tray support. Move the rear tray support in the direction of the base to increase stiffness and away from the base to decrease stiffness.
○	Tighten the set-screw on the rear tray support.
▪	NOTE: On older/worn-out stands adjustment may be difficult or impossible.
➤	To collapse the stand, push up on the tray to unlock. Be careful of the moving legs coming towards you during this procedure.
➤	The stand can be anchored to provide greater stability. There are holes at the base of the legs that allow for bolts.
○	CAUTION: Always anchor the feet when placing large power drives, pipe threaders or other large/heavy machinery on the stand to prevent tipping.
➤	The stand can also be stabilized by using the jack-screw.
○	Cut a length of 1" sch. 40 steel pipe to fit in between the jackscrew and a structural overhead support (like a steel beam or concrete ceiling).
○	Firmly tighten the jack-screw.
▪	NOTE: as heavier loads are placed on the vice, the jack screw may need to be retightened.
▪	Always use the jack screw when using the stand with threaders, large machinery or heavy pipe to prevent tipping.
➤	Place pipe into vice.
➤	Tighten the vice to hold the pipe.
○	Do not use handle extensions or "cheaters" when tightening the vice chain as this can cause damage to the vice or chain.
○	Make certain the pipe and stand are stable before starting work on the pipe.
▪	For best stability, try to keep the end of the pipe near the stand.
▪	Use pipe supports and sub-supports if the pipe extends past the base of the stand.
•	Failure to properly support the pipe can cause damage, vice tipping, chain breakage and serious injury.
➤	If using the pipe bender, bend approximately 10 degrees at a time until the desired bend is met.
USING THE DEVICE	
➤	Do all pre-operational and operational safety checks from Chapter 1.
➤	Consider your security and stability as well as the orientation of the machine in the work area.
○	Consider the work surface material, condition, strength, density and rigidity. These factors directly affect the tools operation and user safety.
➤	Ensure the stand is clean, level and in a stable location set up as per the above section.
○	The stand should sit solidly with no movement.

Parts List

Part Number	ITEM	Part Number	ITEM
01	Base assembly	16	Leg chain
02	Leg & tray assembly	17	Screw
03	Tool tray	18	Chain pin
04	Tray support /w screw	19	Handle
05	Screw	20	Swivel nut /w friction ring
06	Leg bolt	21	Friction ring
07	Nut	22	Chain screw
08	Washer	23	Roll pin
09	Jaw	24	Roll
10	Wear plate	25	Chain assembly
11	Tray pin	26	Pin
12	Clip	27	Cap
13	Set screw	28	Jack screw
14	Front leg assembly	29	Jack screw assembly
15	Rear leg assembly	30	Grommet

Breakdown View



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