



Portable Work Station

Owner's Manual



! **WARNING:** Read carefully and understand all ASSEMBLY AND OPERATION INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

Item# 5688422

READ & SAVE THESE INSTRUCTIONS

Thank you very much for choosing a Strongway product!

For future reference, please complete the owner's record below:

Serial Number/Lot Date Code (if applicable): _____

Purchase Date: _____

Save the receipt, warranty, and this manual. It is important that you read the entire manual to become familiar with this product before you begin using it.

This product is designed for certain applications only. Northern Tool and Equipment is not responsible for issues arising from modification or improper use of this product such as an application for which it was not designed. We strongly recommend that this product not be modified and/or used for any application other than that for which it was designed.

For technical questions, please call **1-800-222-5381**.

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Intended Use

This portable work station provide foot-operated clamping frees hands for full control of the job, Tripod base for stability and safe operation on uneven surface. Solid steel construction provides rigidity and strength. Clamping force up to 2200lbs keeps the work piece locked in place.

Packaging Contents

- Jawhorse body (1)
- Hand knob (1)
- pull handle (1)
- Plastic wheels (2)
- Wheel plate (2)
- 4x10mm half round bolt (8)
- 6X30mm bolt(2)
- M6 screw(2)

Technical Specifications

Property	Specification
Clamping range	0-41 inches
Clamping force	2200 lbs
Max Loading weight	660 lbs
Jaw size	8 x3.15 inches
Net Weight	43lbs
Package size	32.60X14.20X15.70 inches

Important Safety Information

WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur. Exercise common sense and caution when using this tool. Always be aware of the environment and ensure that the tool is used in a safe and responsible manner.
- Do not allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. This product will be safer and do a better job at the capacity for which it was intended. DO NOT use this equipment for a purpose for which it was not intended.
- Industrial or commercial applications must follow OSHA requirements.

⚠️WARNING

PROP 65

- This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.p65warnings.ca.gov.
- Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm. Some examples of these chemicals are:
 - - lead from lead-based paints,
 - - crystalline silica from bricks and cement and other masonry products, and
 - - arsenic and chromium from chemically-treated lumber.
- Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.
- Handling power cords on corded products may expose you to lead, a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Wash your hands after handling.

⚠️WARNING

WORK AREA SAFETY

- Inspect the work area before each use. Keep work area clean, dry, free of clutter, and well-lit. Cluttered, wet, or dark work areas can result in injury. Using the product in confined work areas may put you dangerously close to cutting tools and rotating parts.
- Do not use the product where there is a risk of causing a fire or an explosion; e.g., in the presence of flammable liquids, gases, or dust. The product can create sparks, which may ignite the flammable liquids, gases, or dust.
- Do not allow the product to come into contact with an electrical source. The tool is not insulated and contact will cause electrical shock.
- Keep children and bystanders away from the work area while operating the tool. Do not allow children to handle the product.
- Be aware of all power lines, electrical circuits, water pipes, and other mechanical hazards in your work area. Some of these hazards may be hidden from your view and may cause personal injury and/or property damage if contacted.

⚠️WARNING

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the tool. Do not use the tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of

inattention while operating the tool may result in serious personal injury.

- Dress properly. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts. Air vents on the tool often cover moving parts and should be avoided.
- Wear the proper personal protective equipment when necessary. Use ANSI Z87.1 compliant safety goggles (not safety glasses) with side shields, or when needed, a face shield. Use a dust mask in dusty work conditions. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate. This applies to all persons in the work area.
- Do not overreach. Keep proper footing and balance at all times.
- Remove keys or wrenches before connecting the tool to an air supply, power supply, or turning on the tool. A wrench or key that is left attached to a rotating part of the tool may cause personal injury.
- Secure the work with clamps or a vise instead of your hand when practical. This safety precaution allows for proper tool operation using both hands.

⚠CAUTION

PRODUCT USE AND CARE

- Do not force the product. Products are safer and do a better job when used in the manner for which they are designed. Plan your work and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Do not use a product with a malfunctioning switch. Any power tool that cannot be controlled with the power switch is dangerous and must be repaired by an authorized service representative before using.
- Disconnect the power/air supply from the product and place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- Store the product when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.
- Keep guards in place and in working order. Never operate the product without the guards in place.
- Do not leave the tool running unattended.

Specific Operation Warnings

⚠WARNING

- Make sure all moving parts are free from interference.
- Keep hands clear of all moving parts.
- Ensure the worktable station is set-up on firm ground in a stable manner.
- Always check the Stand is correctly assembled before use.
- Do not overload the Stand beyond its 2200lbs load capacity.
- When folding or unfolding the Stand, be careful not to pinch your fingers.
- When working with long or heavy workpieces use additional supports.
- Use Uni-Jaw Stand in a dry place protected from rain.
- Never stand or sit on the work table station .
- Do not use as a standing platform , step ladder or scaffolding support.
- Be aware of overbalancing. When a large piece is cut from one end of a job, the remaining piece may be heavy enough to over balance the worktable station
- Always ensure the workpiece is well supported.
- When transporting Uni-Jaw Stand in a vehicle always tie it down to prevent movement and possible damage
- Check to make sure that all lock knobs are tight and all legs are locked into position before operating the worktable station.
- It must be used only for its prescribed purpose. Any use other than those mentioned in these instructions will be considered a case of misuse. The manufacturer shall not be liable for any damage or injury resulting from such cases of misuse.
- The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes.

Main Parts of Product

Subassembly	
Part list 10	hand knobs
Part list 11	pull handle
Part list 15	plastic wheel

Assembly Instructions

⚠WARNING

- Read and understand the all instruction before operating this tool. The manufacture cannot accept any liability for damage or accident which arise due to fail to follow this manual instruction.
- Using power tools of any kind can be dangerous if safe operating procedures are not followed. Recognizing the hazards of each tool and using them with respect and caution will considerably
- limit the possibility of personal injury. However, if safety precautions are ignored, personal injury will likely result. Always use common sense - your personal safety-is your responsibility.

Before Each Use

⚠ WARNING

- Read and understand the all instruction before operating this tool.
- The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes.

SET-UP & PREPARATION

Setting up (fig. 1-4)

To operate the stand follow the simple set-up instructions.

1. Remove the Stand from the carton and carefully place it upside down on a flat surface.

2. Unlock the rear lock knobs (16) Slide the rear leg (7) reward then raise into the upright position.

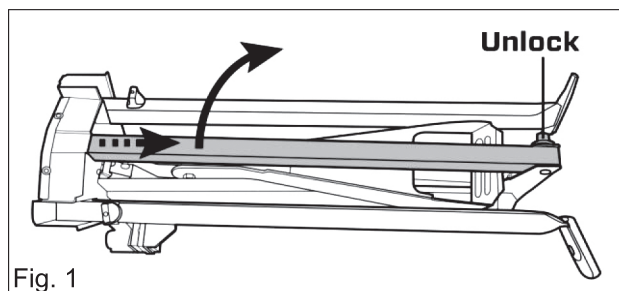


Fig. 1

3. Position the rear leg (7) into the body (3) and tighten the rear lock knob (16).

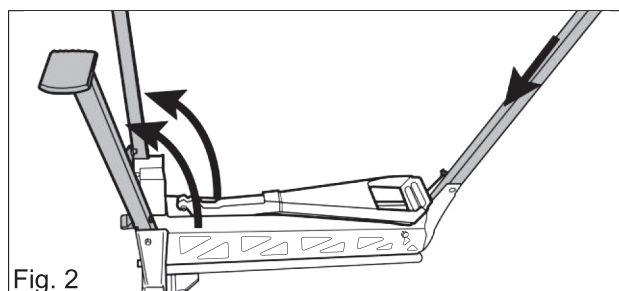


Fig. 2

4. Raise both front legs (5)

5. Lock both front legs (5) using the front leg lock knobs (9).

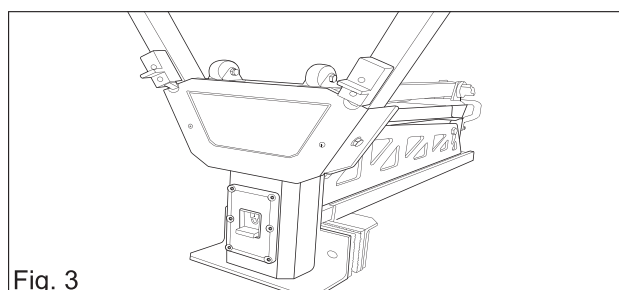


Fig. 3

6. Assemble the two plastic wheels (15) with 8pcs 4x10 half round bott

7. Assemble the hand knobs(10) and pull handles (11)

8. Position the Uni-Jaw Stand on its legs in the upright position.

9. Lower the foot pedal (5) and pull it towards the front until it clicks into place.

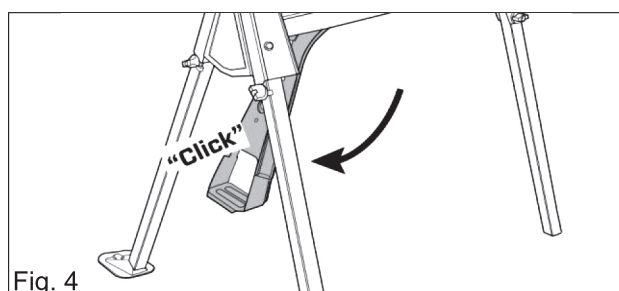


Fig. 4

Operating Instructions

WARNING

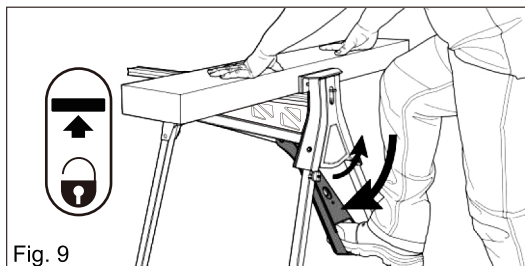
- Ensure you are supporting the work piece to prevent it from falling once the jaw is released.


- When working along the line of the jaws, place your foot on the footplates to prevent it from moving
- For extra force you may stand on the foot pedal (maximum 2200lbs) but do not jump on it, as you could damage the unit.

OPERATION (cont.)

Releasing a workpiece (fig.9)

1. Slide the lock/release switch (4) up to the unlock position.
2. While you are supporting the workpiece, step down on the foot pedal (5) then let the pedal rise releasing the force on the workpiece.



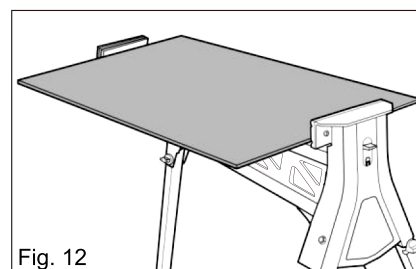
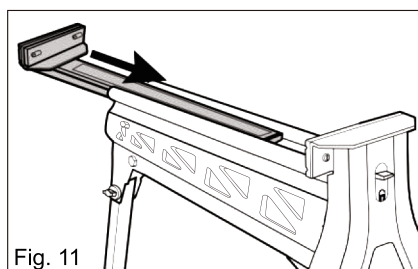
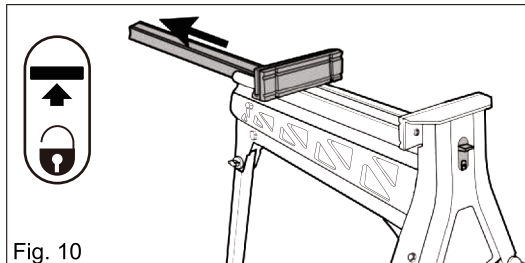
 **WARNING!** Risk of injury! Ensure you are supporting the workpiece to prevent it from falling once the sliding jaw (10) is released.

3. Move the sliding jaw (1) back and carefully remove your workpiece.

Clamping wide workpieces (fig. 10-12)

The sliding jaw (1) can be reversed on the stand to accommodate wide workpieces up to 41 inches.

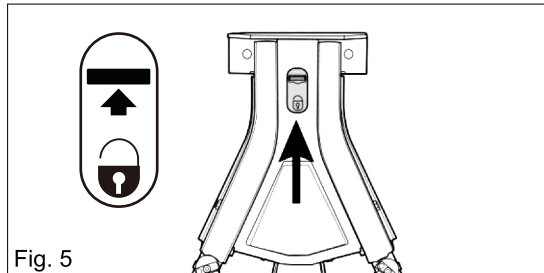
1. Slide the lock/release switch (4) up to the unlock position.
2. Push the sliding jaw bracket (1) completely to the rear until it slides off its tracks.
3. Turn the sliding jaw bracket (1) around 180° and slide it back into the tracks.
4. When placing your wide workpiece, ensure it sits parallel to the sliding jaw (1) and with equal amount on each side of the stand.



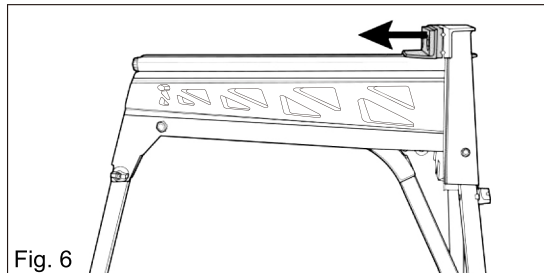
OPERATION

Clamping a workpiece (fig.5-8)

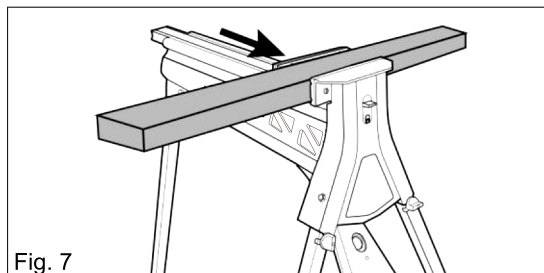
1. Slide the lock/release switch (4) up to the unlock position.



2. Position the sliding jaw (1) away from the fixed jaw (2) to open.



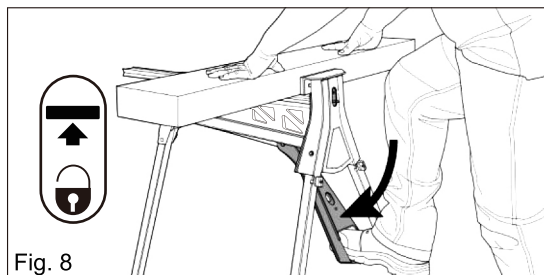
3. Carefully place your workpiece against the fixed jaw (2), while ensuring it will not fall, move the sliding jaw (1) forward by hand until it touches the workpiece.



Note: The sliding jaw (1) can also be advanced by pressing the foot pedal (5) repeatedly.

4. Slide the lock/release switch (4) down to the lock position.

5. Step down on the foot pedal (5) repeatedly until the workpiece is completely secure.

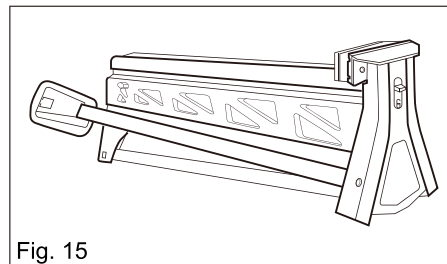
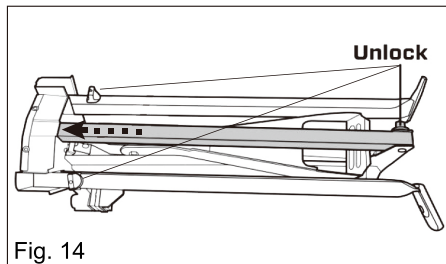
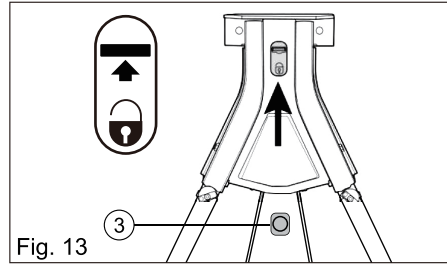


WARNING! Risk of injury! Do not jump on the foot pedal (4) for extra clamping force.

Folding (fig. 13-15)

For folding the Stand, carefully place upside down on a flat surface and follow the simple set-up instructions. Ensure that:

1. The lock/release switch (4) is up in the unlock position.
2. The foot pedal release (8) is used to release and fold the foot pedal (5).
3. The rear leg (7) is inserted fully into the body (3), and all leg lock knobs (9) are tightened firmly.



Note: When the Stand is in the folded position, the pull handle (11) can make it move conveniently.

After Each Use

⚠ WARNING

- Reapply grease on the sliding jaw bracket mechanism as necessary
- After each use remove any dirt or debris by wiping down with a damp clean cloth and allow to dry

Slide the moving jaw back and remove your workpiece.

Fold it and put into cartons

Maintenance

⚠ WARNING



- Several turns may be necessary on initial set-up until the clamps tighten into place -a half turn is all that is required to release the legs when folding.

Maintenance Interval	Maintenance Point
Daily before operating	Several turns may be necessary on initial set-up until the clamps tighten into place -a half turn is all that is required to release the legs when folding.
After the first 20 operating hours	After each use remove any dirt or debris by wiping down with a damp clean cloth and allow to dry
After the first 50 operating hours or every week	The pawl carrier pivot pin may require a small amount of spray lubricant, if it doesn't pivot smoothly.

Troubleshooting

⚠ WARNING

- Reapply grease on the sliding jaw bracket mechanism as necessary
- After each use remove any dirt or debris by wiping down with a damp clean cloth and allow to dry.

Failure	Possible Cause	Corrective Action
 <p>the sliding jaw cant move</p>	The switch locked	Slide the release switch
	The foot pedal didnt press downward	Press the foot pedal with with sufficient force
	The pawl carrier pivot pin cant smoothly	need some lubricant
 <p>Legs cant be folded</p>	The locking knobs cant slide correctly	Should slid the red knobs up to fold leg

Parts Diagram



- | | |
|---|--|
| <ul style="list-style-type: none"> 1. Moving jaw 2. Fixed jaw 3. Body 4. Lock / releaseswitch 5. Foot pedal 6. Front legs 7. Rear leg 8. Foot pedal locking latch | <ul style="list-style-type: none"> 9. Front leg locking knobs 10. hand knob 11. Pull handle 12. Fixed jaw facing 13. Moving jaw facings (2 pieces) 14. Foot plates 15. plastic wheels 16. Rear lock knobs 17. 6x30mm boit M6 screw 18. 4x10mm balf round bott 8pcs |
|---|--|

Parts List

Reference	Part Number	Part Description	Quantity
SH1	1	Moving jaw	1
SH2	2	Fixed jaw	1
SH3	3	Body	1
SH4	4	Lock release switch	1
SH5	5	Foot pedel	1
SH6	6	Fromt legs	1
SH7	7	Rear legs	1
SH8	8	Foot pedal locking latch	1

Reference	Part Number	Part Description	Quantity
SH9	9	Front leg locking knobs	1
SH10	10	Handle knobs	1
SH11	11	Pull handles	1
SH12	12	Fixed jaw facing	1
SH13	13	Moving jaw facing	2
SH14	14	Foot plates	2
SH15	15	Plastic wheels	2
SH16	16	Rear lock knobs	1
SH17	17	6x30mm bolt and M6 screw	2
SH18	18	4x10mm half round bolt	8

Replacement Parts

- For replacement parts and technical questions, please call Customer Service at **1-800-222-5381**.
- Not all product components are available for replacement. The illustrations provided are a convenient reference to the location and position of parts in the assembly sequence.
- When ordering parts, the following information will be required: item description, item model number, item serial number/item lot date code, and the replacement part reference number.
- The distributor reserves the rights to make design changes and improvements to product lines and manuals without notice.

Limited Warranty

Northern Tool and Equipment Company, Inc. ("We" or "Us") warrants to the original purchaser only ("You" or "Your") that the Strongway product purchased will be free from material defects in both materials and workmanship, normal wear and tear excepted, for a period of one year from date of purchase. The foregoing warranty is valid only if the installation and use of the product is strictly in accordance with product instructions. There are no other warranties, express or implied, including the warranty of merchantability or fitness for a particular purpose. If the product does not comply with this limited warranty, Your sole and exclusive remedy is that We will, at our sole option and within a commercially reasonable time, either replace the product or product component without charge to You or refund the purchase price (less shipping). This limited warranty is not transferable.

Limitations on the Warranty

This limited warranty does not cover: (a) normal wear and tear; (b) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (c) damage from misapplication, overloading, or improper installation; (d) improper maintenance and repair; and (e) product alteration in any manner by anyone other than Us, with the sole exception of alterations made pursuant to product instructions and in a workmanlike manner.

Obligations of Purchaser

You must retain Your product purchase receipt to verify date of purchase and that You are the original purchaser. To make a warranty claim, contact Us at 1-800-222-5381, identify the product by make and model number, and follow the claim instructions that will be provided. The product and the purchase receipt must be provided to Us in order to process Your warranty claim. Any returned product that is replaced or refunded by Us becomes our property. You will be responsible for return shipping costs or costs related to Your return visit to a retail store.

Remedy Limits

Product replacement or a refund of the purchase price is Your sole remedy under this limited warranty or any other warranty related to the product. We shall not be liable for: service or labor charges or damage to Your property incurred in removing or replacing the product; any damages, including, without limitation, damages to tangible personal property or personal injury, related to Your improper use, installation, or maintenance of the product or product component; or any indirect, incidental or consequential damages of any kind for any reason.

Assumption of Risk

You acknowledge and agree that any use of the product for any purpose other than the specified use(s) stated in the product instructions is at Your own risk.

Governing Law

This limited warranty gives You specific legal rights, and You also may have other rights which vary from state to state. Some states do not allow limitations or exclusions on implied warranties or incidental or consequential damages, so the above limitations may not apply to You. This limited warranty is governed by the laws of the State of Minnesota, without regard to rules pertaining to conflicts of law. The state courts located in Dakota County, Minnesota shall have exclusive jurisdiction for any disputes relating to this warranty.



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www.northerntool.com

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