

Strongway 25700

Strongway Portable Workstation Model 25700 User Manual

660-Lb. Capacity, 2000-Lb. Clamp Force

INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Strongway Portable Workstation, Model 25700. This portable sawhorse is designed for hands-free operation, securing and stabilizing various workloads with its robust clamping mechanism. Please read all instructions carefully before initial use.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury and damage to the workstation or workpiece:

- **Read all instructions:** Familiarize yourself with the workstation's features and operation before use.
- **Wear appropriate safety gear:** Always use safety glasses, gloves, and other personal protective equipment as required by your task.
- **Ensure stable footing:** Position the workstation on a flat, stable, and non-slip surface. The extended feet are designed to improve balance on uneven terrain, but extreme care should be taken.
- **Do not exceed capacity:** The workstation has a maximum holding capacity of 660 lbs. and a clamping force of 2200 lbs. Do not overload or apply excessive force beyond these limits.
- **Secure workpiece properly:** Ensure the workpiece is firmly clamped before beginning any work. Loose workpieces can cause accidents.
- **Keep hands clear:** Maintain a safe distance from moving parts during clamping and releasing operations.
- **Store safely:** When not in use, fold and store the workstation in a dry, secure location away from children and unauthorized users.

PARTS LIST

Verify that all components are present before assembly:

- Main Workstation Frame with Clamping Mechanism
- Adjustable Legs with Extended Feet

- Foot Pedal (for clamping)
- Release Switch
- PVC Facing Pads (pre-installed on jaws)

SETUP INSTRUCTIONS

Follow these steps to set up your portable workstation:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Unfold Legs:** Place the workstation on a flat surface. Extend the legs outwards until they lock securely into position. Ensure all four feet are firmly on the ground.
3. **Inspect:** Before first use, inspect the workstation for any signs of damage or loose parts. Ensure the clamping mechanism operates smoothly.



Figure 1: Strongway Portable Workstation in its fully assembled, ready-to-use configuration. The legs are extended, and the clamping jaws are visible.

OPERATING INSTRUCTIONS

This section details how to use the workstation for clamping and securing workpieces.

Clamping a Workpiece

1. **Position Workpiece:** Place the material to be clamped between the workstation's jaws.
2. **Apply Clamping Force:** Step on the foot pedal repeatedly to close the jaws and apply clamping pressure. The 2200-lb. clamping force ensures a secure grip without marring the workpiece, thanks to the PVC facings.

3. **Verify Security:** Ensure the workpiece is held firmly and cannot shift during your task.



Figure 2: A user demonstrates clamping a large wooden board using the foot pedal mechanism of the Strongway Portable Workstation, providing hands-free operation.

Releasing the Workpiece

To release the clamped material:

- **Locate Release Switch:** Identify the press-and-release switch on the workstation.
- **Flip Switch:** With an easy flip of the switch, the pressure will be released, and the jaws will open, allowing you to remove the workpiece.

QUICKLY RELIEVES TENSION

RELEASES TENSION
WITH THE FLIP OF A
SWITCH



Figure 3: A detailed view of the quick-release switch, which allows for rapid and easy tension relief and opening of the clamping jaws.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your workstation.

- **Cleaning:** Wipe down the workstation with a damp cloth after each use to remove dust, debris, and sawdust. Avoid harsh chemicals that may damage the finish.
- **Lubrication:** Periodically apply a light lubricant to the moving parts of the clamping mechanism to ensure smooth operation.
- **Inspection:** Regularly check all bolts, nuts, and fasteners to ensure they are tight. Inspect the PVC facings for wear and tear; replace if necessary to maintain grip and prevent marring.
- **Storage:** When not in use, fold the workstation for compact storage. Store in a dry environment to prevent rust. The powder-coated finish helps resist rust, but proper storage is still recommended.



Figure 4: The Strongway Portable Workstation shown in its folded position, illustrating its compact design for easy storage and transport.

TROUBLESHOOTING

If you encounter issues with your workstation, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Jaws not clamping firmly	Insufficient foot pedal presses; worn PVC facings; debris in mechanism	Press foot pedal more times; inspect and replace PVC facings; clean clamping mechanism.
Jaws not releasing	Release switch jammed; mechanism requires lubrication	Ensure release switch is fully engaged; apply lubricant to moving parts.
Workstation unstable	Uneven surface; legs not fully extended/locked	Move to a flat, stable surface; ensure legs are fully extended and locked.
Squeaking or grinding noise	Lack of lubrication; foreign object in mechanism	Lubricate moving parts; inspect and remove any obstructions.

SPECIFICATIONS

- **Model Number:** 25700
- **Brand:** Strongway
- **Material:** Steel
- **Color:** Gray
- **Product Dimensions (D x W x H):** 37.8" x 38.58" x 37.8"
- **Item Weight:** 47 pounds
- **Load Capacity:** 660 lbs.
- **Clamping Force:** 2200 lbs.
- **Finish Type:** Powder Coated
- **UPC:** 840321751256

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Strongway customer service. Keep your purchase receipt for warranty claims.

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