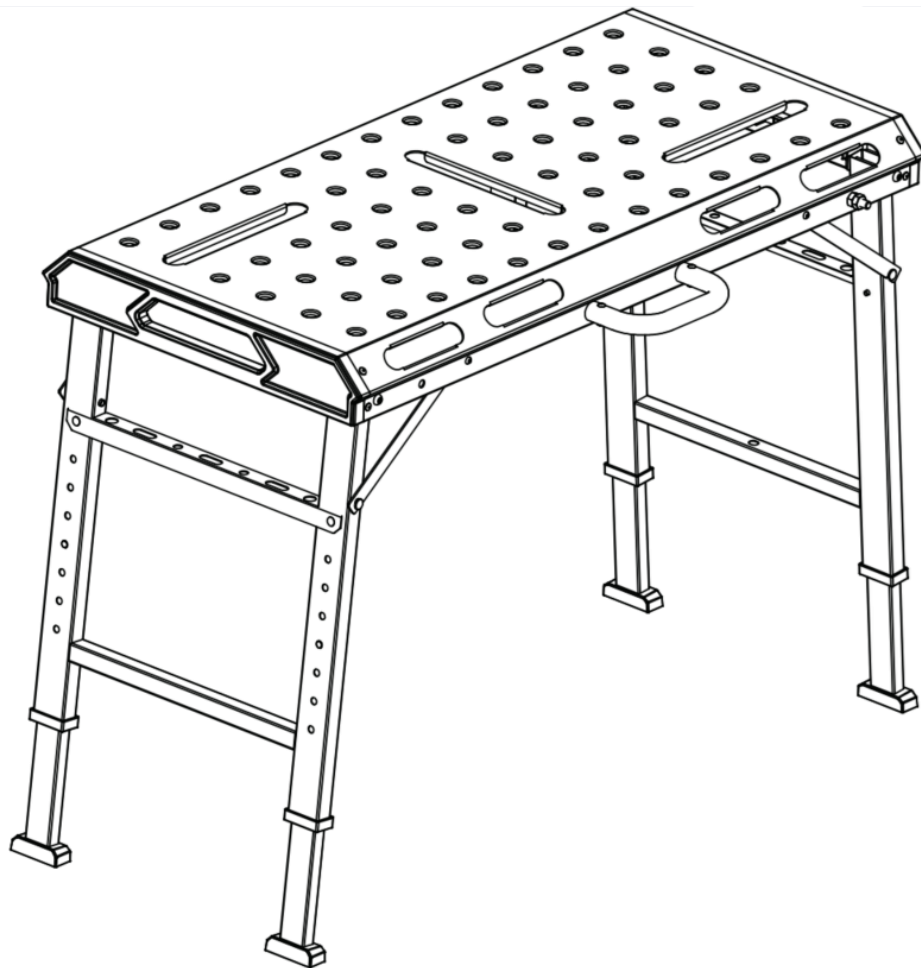




Adjustable Welding and Tool Table

Operator's Manual



NOVA WELDING INDUSTRIES

380 Swift Ave. Unit 12 South San Francisco, CA 94080, USA

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NOTICE:

Product Specifications and features are subject to change without notice. While every attempt has been made to provide the most accurate and current information possible at the time of publication, this manual is intended to be a general guide and not intended to be exhaustive in its content regarding safety, welding, or the operation/maintenance of this unit. Due to multiple variables that exist in the welding field and the changing nature of it and of the NOVA Welding Industries does not guarantee the accuracy, completeness, authority or authenticity of the information contained within this manual or of any information offered during the course of conversation or business by any NOVA employee or subsidiary. The owner of this product assumes all liability for its use and maintenance. NOVA does not warrant this product or this document for fitness for any particular purpose, for performance/accuracy or for suitability of application. Furthermore NOVA does not accept liability for injury or damages, consequential or incidental, resulting from the use of this product or resulting from the content found in this document or accept claims by a third party of such liability.

WARNING!

California Proposition 65 Warning:

This product, when used for welding or cutting, produces fumes or gases which contain chemicals known to the State of California to cause birth defects and, in some cases, cancer. (California Health & Safety Code § 25249.5 et seq.)

 Warning: Cancer and/or Reproductive Harm

www.P65warnings.ca.gov



Safe operation and proper maintenance is your responsibility.

NOVA Welding Industries is dedicated to keeping safety a top priority. While we have compiled this operator's manual to instruct you in basic safe operation and maintenance of your NOVA product, it is no substitute for observing safe welding practices and behavior. Safe welding and related operations require basic knowledge, experience and ultimately the exercise of common sense. **Operations related to the use of this table such as welding or construction do significant hazards to your health and life! Exercise extreme caution and care in all activities related to welding or construction. Your safety, health and even life depends upon it.**

WARNING! If you do not have proper knowledge or capability to safely assemble and use this welding and tool table, do not use this table.

While accidents are never planned, preventing an accident requires careful planning. Stay alert! Keep the table on flat ground. Never use on unlevel ground or with the legs not raised to the same height.

Please carefully read this manual before you install and operate your NOVA Welding and Tool Table.

The warranty does not cover damage or harm created by improper use, neglect or failure to follow safe operating practices.








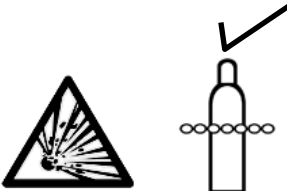
CAUTION!



This table should perform and last a long time. However, improper loading and use may cause this table to become unstable. *To assist in preventing accidental overturn and personal injury, faithfully observe the following precautions:*

- Only use the table on flat ground. Never use the table on uneven ground. Never attempt to shim a leg to make it more stable. Overturn may occur.
- Make sure the telescoping leg locks and braces are fully engaged and secure. If the locks are not fully engaged, the table legs may unexpectedly collapse.
- If a leg or support is bent or damaged during use, discontinue use of the table immediately. Use of the table with bent or damaged legs may result in table collapse under load.
- **Never exceed the 1000 pound weight limit of the table. The weight must be distributed evenly along the entire surface of the table. If the weight is not evenly distributed, the table may collapse or overturn unexpectedly. Overturn or collapse may occur at weights lower than the rating if the weight is unevenly distributed.**
- Always make sure the support braces to the table legs are fully in place and the fasteners holding them to the table are not worn or damaged.
- Never use the table as a step or a ladder. Unexpected overturn and personal injury may occur if the weight shifts.

Safety Warnings, Dangers, Cautions and Instructions

	NOTICE. This unit manual is intended for users with basic knowledge and skillset in welding and/or power tool operation. It is your responsibility to make certain that the use of this table is restricted to persons who have read, understand and follow the instructions in this manual. If you or the operator needs further instruction, contact NOVA at 1-877 755-9353.
	WARNING! High Frequency (HF) energy can interfere with the operation of pacemakers and can damage pacemakers. Consult with your physician and pacemaker manufacturer <i>before</i> entering an area where welding and cutting equipment is in operation and <i>before</i> using this welder. Some pacemakers have limited shielding. Alert any users or customers of this potential problem.
	WARNING! Use approved safety glasses with wrap around shields and sides while welding and working or serious eye damage or loss of vision may result. Use a grinding shield in addition to the safety glasses during chipping and grinding operations.
	WARNING! When welding always use an approved welding helmet or shielding device equipped with at least an equivalent of a shade 9 or greater. Increase the shade number rating as amperage increase over 100 amps. Inspect helmet for cracks in lenses and in the helmet. Keep lens covers in good condition and replace as necessary.
	WARNING! Welding/cutting/construction operations carry inherent risks which include but not limited to possible cuts burns, electrical shocks, lung damage, eye damage and even death. Take all appropriate measures to use proper Personal Protective Equipment (PPE). Always use leather welding gloves, closed toe (preferably reinforced or steel toe leather shoes, and long-sleeved flame resistant clothing (i.e. denim). Do not wear Poly/Nylon blend materials.
	DANGER! Welding/cutting poses shock and electrocution risks. Keep this welding equipment dry. Do not weld in the rain or where moisture accumulates. Use dry, rubber soled shoes, gloves and clothing when welding. Do not rest or contact work clamp (ground) when welding. Keep all parts of the body insulated from the part being welded when possible. Do not touch terminals or connections while the unit is on. Consider all parts to be “live” at all times even if no live work is being performed. Do not use frayed welding cables.
	CAUTION! Fires are possible but also preventable while welding. Always remove flammable rags, papers, and other materials from the weld area. Keep rags stored in an approved flame proof canister. Keep a fully charged fire extinguisher at hand. Remove any fuels, oils, paint, pressurized spray cans, and chemicals from the weld area. Make sure any smoke/fire detectors are function properly. Do not weld on tanks, drums or barrels, especially if pressurized or sealed. Do not weld on any container that previously held fuel or chemicals. Make sure the weld area is clear of flammable materials such as grass or wood shavings solvents and fuels. Do not wear frayed or loose clothing. Visually inspect and recheck the work area after welding looking for smoldering debris or flames.
	WARNING! Welding gas cylinders are under high pressure. Keep all gas cylinders upright and chained to a cart or held safely in a safety holding pen. Never transport gas cylinders in an enclosed car van or other vehicle. Transport gas cylinders securely. Keep all cylinders capped while not in use or during transport. Replace the cap on the cylinder when it is going to be more than 24 hours before use. Do not use or attempt to repair faulty regulators. Never weld on gas cylinders. Keep gas cylinders away from direct sparks.

Safety Warnings, Dangers, Cautions and Instructions



DANGER! Welding and cutting operations pose serious inhalation hazards. Some of these hazards are immediate while others are cumulative in their effect. **Do not weld in enclosed spaces or in areas without adequate ventilation.** Fumes and gases released in the welding and cutting operations can be toxic. Use fans or respiration equipment to insure adequate ventilation if you are welding in a shop or garage area. **Do not weld on galvanized metal under any circumstance.** You may develop metal fume fever. Symptoms are similar to flu-like symptoms. Seek medical advice and treatment if you are exposed to galvanized welding fumes.

If you experience any eye burning, nose or throat irritation while welding, these are signs that you need more ventilation.

If you feel these symptoms:

- Stop work immediately and relocate work area with better ventilation.
- Wash and clean your face and hands.
- Stop work completely and seek medical help if irritation persists



DANGER! Never use brake cleaner or any chlorinated solvent to clean or degrease metal scheduled to be welded or other related equipment in the area being welded. The heating of this cleaner and its residue will create highly toxic phosgene gas. Small amounts of this vapor are harmful and can lead to organ failure and death. If degreasing of a part is necessary, use Acetone or an approved pre-weld cleaner. Use the proper personal protective equipment (PPE) when handling any cleaners/solvents.









DANGER! People with pacemakers should consult a physician and pacemaker manufacturer before welding. There is a potential for damage or serious malfunction resulting in death. High Frequency energy (HF)/Electromagnetic Fields generated during welding can interfere with pacemaker signals, even permanently damaging it. Some pacemakers offer some shielding, but restrictions regarding amperage and HF starting of TIG arcs may be placed upon the individual. Warn all potential bystanders that they should exit the work area if they have a pacemaker or similar medical equipment before welding. Severe electrical shock leading to injury or death may occur while using the plasma cutter if the user becomes part of the circuit path. While the Amp output of the plasma cutter is limited, the unit may produce an OCV of 300V or greater. Consult with a Physician if a pacemaker is



DANGER! Never defeat or modify any safety guards or shields. Keep all safety covers and shields in place.

Never place your fingers in or near a fan shroud or insert any object into the fan(s).

Safety Warnings, Dangers, Cautions and Instructions

	CAUTION! Trip Hazards exist around welders and welding tables. Cords, cables, welding leads and hoses pose a trip hazard. Be aware of their location and inform others of their location. Tape and secure them so they will stay out of high traffic areas.
	CAUTION! Welded metal can stay hot long after welding is completed. Burns may occur. Always wear gloves or use tongs/pliers when handling welded or cut metal. Remember the heat from the metal may catch other material on fire. Always have a fire-proof area ready to place welded components until they fully cool. Use soap stone or a metal marking marker to label the metal as “HOT” to serve as a reminder to all present in the area.
	CAUTION! Welding and cutting operations generate high levels of ultraviolet (UV) radiation which can burn and damage skin and eyes. The intensity is so high that exposed skin and eyes can burn in a few minutes of exposure. Minimize direct skin and eye exposure to this intense form of radiation by using proper PPE and sun screen where appropriate.
	CAUTION! Do not allow bystanders. Do not allow others without proper Personal Protection Equipment (PPE) suitable for welding to stand in the welding area or to observe welding and welding related activities. If protection is not readily available, use a welding screen to separate the welding area from the rest of the area. If no protection or screen is available, physically exclude them from the welding area by a wall or other solid divider. Keep all pets and young children away from the welding area.
	DANGER! Never place table on electrical cords. Inspect electrical cords for damage before placing tools on top. Inspect welding cables for bare spots to prevent accidental contact with the table top or legs.
	This table is not meant to be used as a step ladder or to be climbed on.

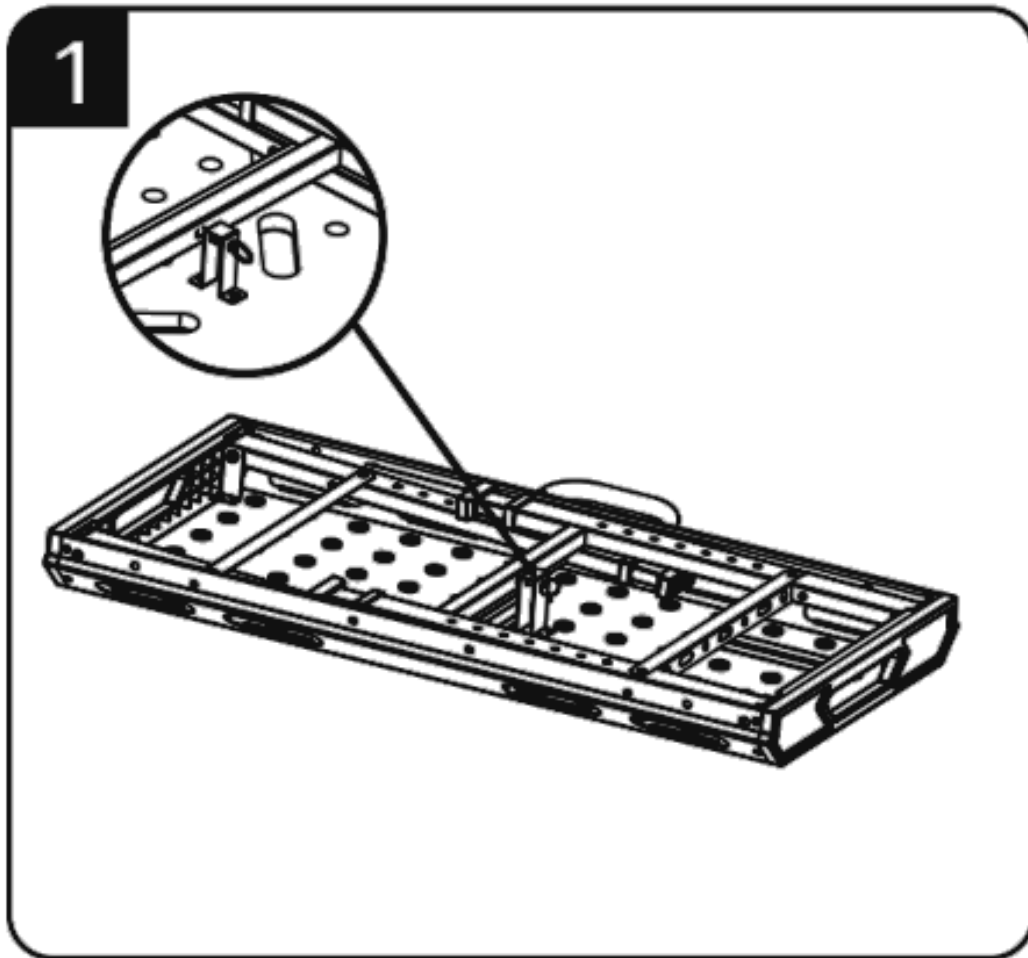
Specifications

Table Specifications	
Specification	Adjustable Height Welding and Tool Table
Leg Type	Telescopic Fold Out
Weight	38 lbs.
Size	42"WX21"Dx39"H
Top Thickness	14 Gauge
Warranty	12 Months



Setup Guide

Instructions

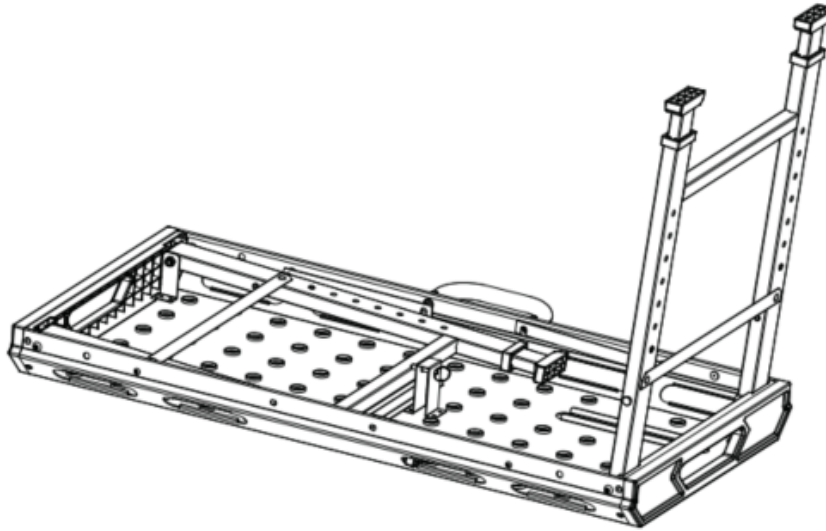


- Remove the table from the box and inspect it for structural damage. Note: Some slight abrasion may occur from shipment, but this is normal. Any significant damage should be reported to NOVA before use. **If the unit has any structural damage or bends to the table top, hinges or legs, do not use. The integrity of the table may be compromised**
- Turn the table over so the top is facing down. Find the holding pin located in the folded leg of the table.
- Remove this pin to free the legs.

Setup Guide

Instructions

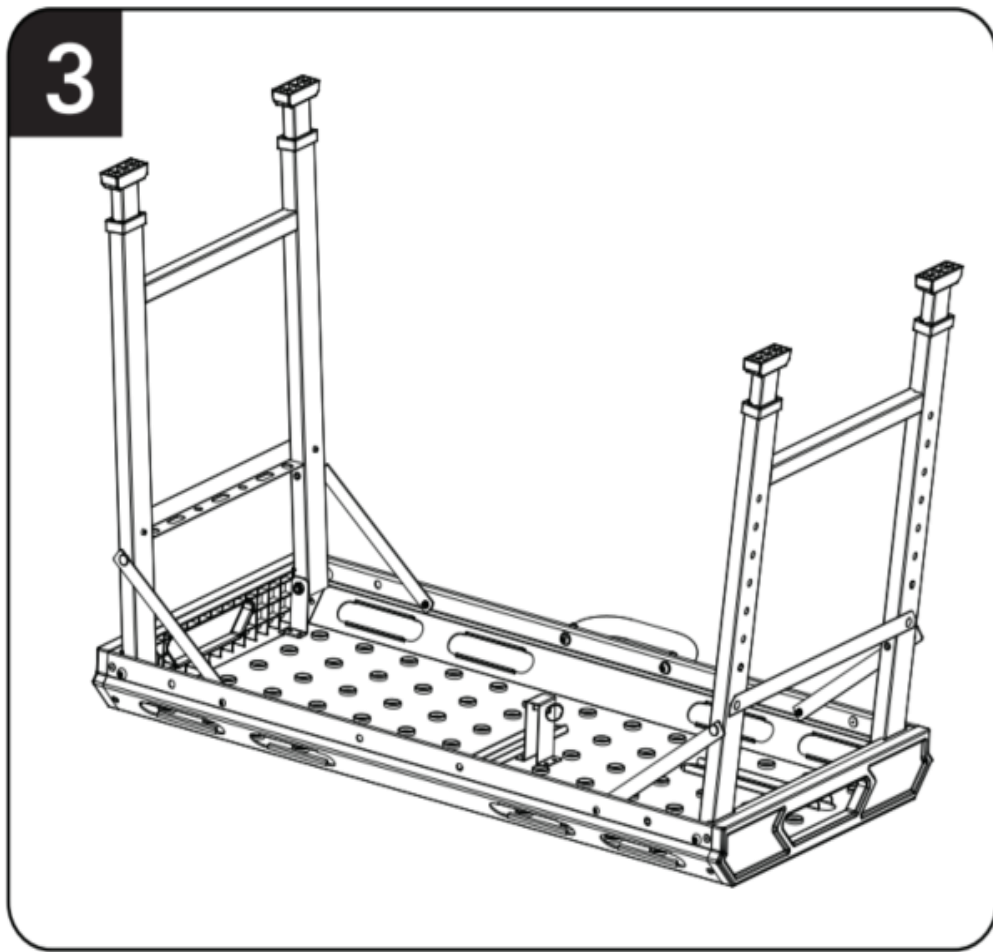
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- Raise one table leg. Make sure the supporting braces are attached firmly to the table leg so that the will not collapse. Make sure the fasteners are fully engaged and secured to the legs and the table.

Setup Guide

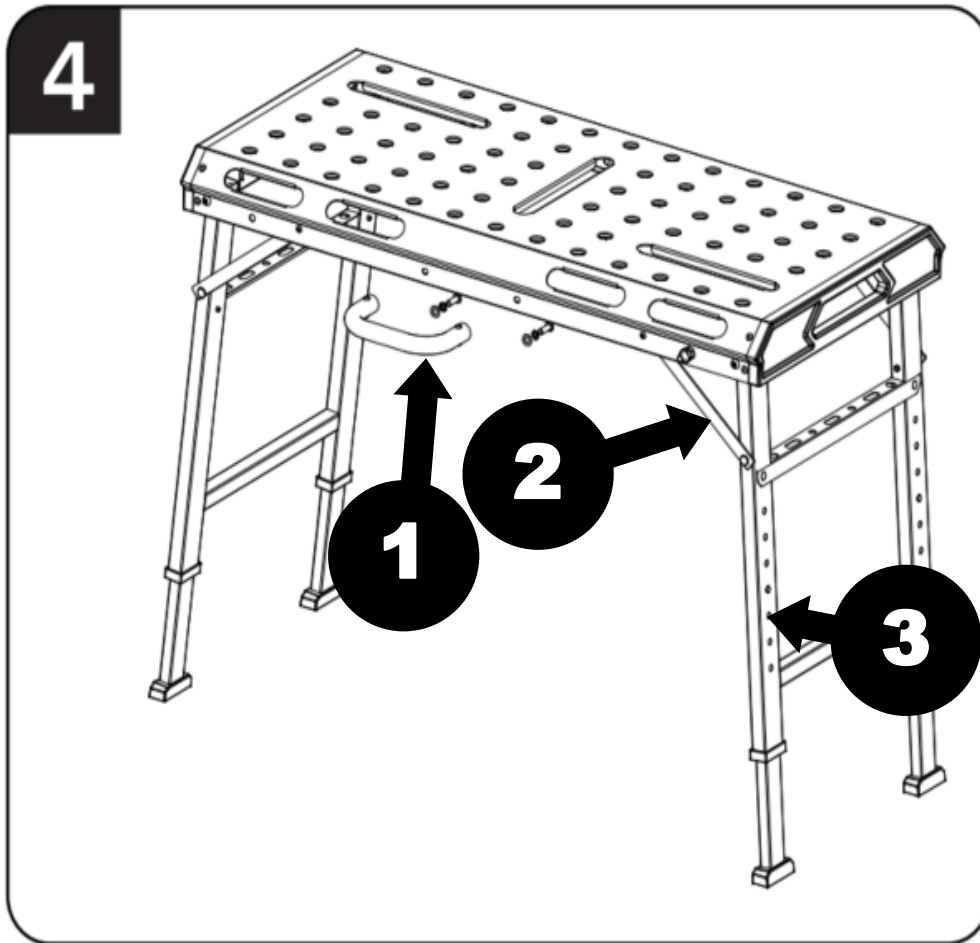
Instructions



- Raise the other table leg. Make sure the supporting braces are attached firmly to the table legs so that they will not collapse. Make sure the fasteners are fully engaged and secured to the legs and the table.
- Reinsert the pin into the holder for future use.

Setup Guide

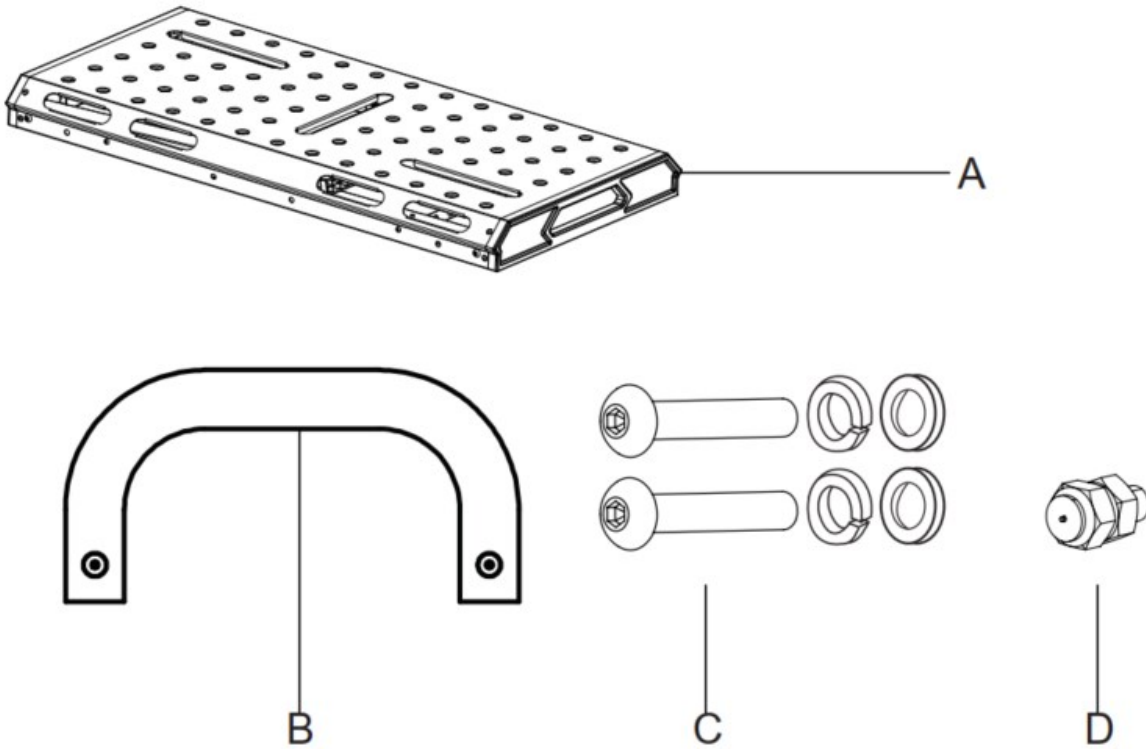
Instructions



- Flip the table over so that it is upright. Make sure it is on level ground.
- Extend the legs to the desired height. Make sure the locating pins pop out properly and the pins are fully engaged in the leg hole to hold it at the proper height. (1)
- Install the handle using the provided screws.(2)
- Check for proper tightness of all the fasteners. Double check that both sets of table legs are fully locked into place with the support braces before use (3).

Setup Guide

Instructions



- A. Table Top with Telescopic Legs
- B. Carry Handle
- C. Socket cap screws with washers M8 X 25mm
- D. Work Clamp connection for welding.

