



2-Tier Welding Cart with Locking Cabinet

Owner's Manual



WARNING: Read and understand all instructions, warnings, and cautions before using this product. Failure to follow the instructions, warnings, and cautions may result in serious personal injury and/or property damage.

Item # 48410

SAVE THESE INSTRUCTIONS

Thank you very much for choosing a Klutch product!

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

Serial Number/Lot Date Code: _____

Purchase Date: _____

Save the receipt, warranty, and this manual.

This product is designed for certain applications only. The distributor cannot be responsible for issues arising from modification or use of this product in 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

The KLUTCH Three-Tier Cabinet cart provides an integrated all-in-one solution for portable welder or plasma cutting applications. It is designed for the welder or plasma cutter to sit on top of the cart. The middle shelf allows a second unit to be added to this cart. The locking bottom cabinet provides secure storage for your valuable welding tools. This cart's top shelf is 13-3/4 inches wide and 19 inches deep and is approximately 32 inches from the floor, putting the machine controls at a comfortable operating height. A 20-inch wide base, 6-inch rear wheels and front casters make this cart stable and easy to maneuver. Store up to 7 1/2 inch diameter bottles in the cylinder rack. Maximum loading capacity is 110 lbs.

Technical Specifications

Overall Dimensions	38 in. x 19 in. x 33 in.
Top Shelf Usable Space	13-3/4 in. x 19 in.
Second Shelf Usable Space	14 in. x 19 in. x 15 in. Clearance
Cabinet Space	14 in. x 19 in. 11-3/4 in.
Product Weight	45 lbs.
Load Capacity	110 lbs.

Important Safety Information

⚠ WARNING

GENERAL SAFETY

- 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 assemble or operate this product until they have read this manual and have developed a thorough understanding of how the product works.
- DO NOT modify the 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. It will do the job better and more safely 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.

WORK AREA SAFETY

- Inspect the work area before assembling the Welding Cart. Keep work area clean, dry, free of clutter, and well lit. Cluttered, wet, or dark work areas can result in injury.
- Keep children and bystanders away from the work area while assembling the Welding Cart.

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when assembling or using the Welding Cart. DO NOT assemble or use the Welding Cart while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while assembling or using the Welding Cart may result in serious personal injury.
- DO NOT overreach. Keep proper footing and balance at all times.
- Tip Hazard. Do not let children play with or around Welding Cart. DO NOT store on an uneven surface.

⚠ CAUTION

WELDING CART USE AND CARE

- Store the Welding Cart out of reach of children and other untrained persons.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one product may become hazardous when used on another product.
- Maintain labels and nameplates on the Welding Cart.
- Maintain a safe working environment. Make sure there is adequate surrounding workspace. DO NOT use this product in a damp or wet location.
- Make certain caster wheels are locked in position when the Welding Cart is stationary.
- DO NOT exceed the maximum weight capacity for the entire Welding Cart. DO NOT exceed the maximum weight capacity for each individual Shelf.
- Use on a flat, level surface capable of supporting the Welding Cart and the products within it.
- Load tools evenly. As much as possible, distribute the weight of all tools stored in the Welding Cart evenly.
- DO NOT use the Welding Cart as a step stool or ladder. Never sit, stand, or climb on the Welding Cart.
- Avoid tipping. DO NOT overload or over-stack the Welding Cart. Overloading can damage drawers and casters and could possibly result in tipping and personal injury. Over-stacking can result in tools or other objects sliding or falling from the Welding Cart and could result in damaged tools and/or personal injury.
- Be aware of dynamic loading. Dropping or bouncing a load may briefly create excess load causing product damage, severe personal injury, and/or death.
- Inspect Welding Cart before loading. If you see any damage to load bearing surfaces remove all items from that surface. DO NOT use a damaged surface.
- DO NOT modify the Welding Cart in any way. DO NOT use for applications other than what is described in this manual.

Assembly Instructions

Refer to the following illustration and the Parts Diagram during assembly.



1. Place the base panel on a sturdy surface with the side lips facing up. Find the long slots at the back of the base unit. Insert the Axle Clips into the slots from the top, then slide the axle through the large hole in the clip. Repeat for both clips.
2. Slide a wheel on each side.
3. Secure each wheel with a flat washer and cotter pin.
4. Find the left side panel of the cabinet. Align the pre-drilled holes in the lip of the left side panel with the pre-drilled holes in the base of the cabinet. The holes in the front of the cabinet base are where the casters will attach. First secure the left side panel to the base using 4 of the supplied screws. Then repeat for the right side panel of the cabinet.
5. Take a supplied 10 mm bolt and push it through the pre-drilled holes in the lip of the left side panel and through the pre-drilled holes in the base of the cabinet and then through the pre-drilled holes in the flange of the caster. Secure with a 10 mm nut. Repeat for all 4 mounting holes for this caster. Then repeat for the right side caster.
6. Place the middle shelf on top of the side panels. Secure with supplied screws.

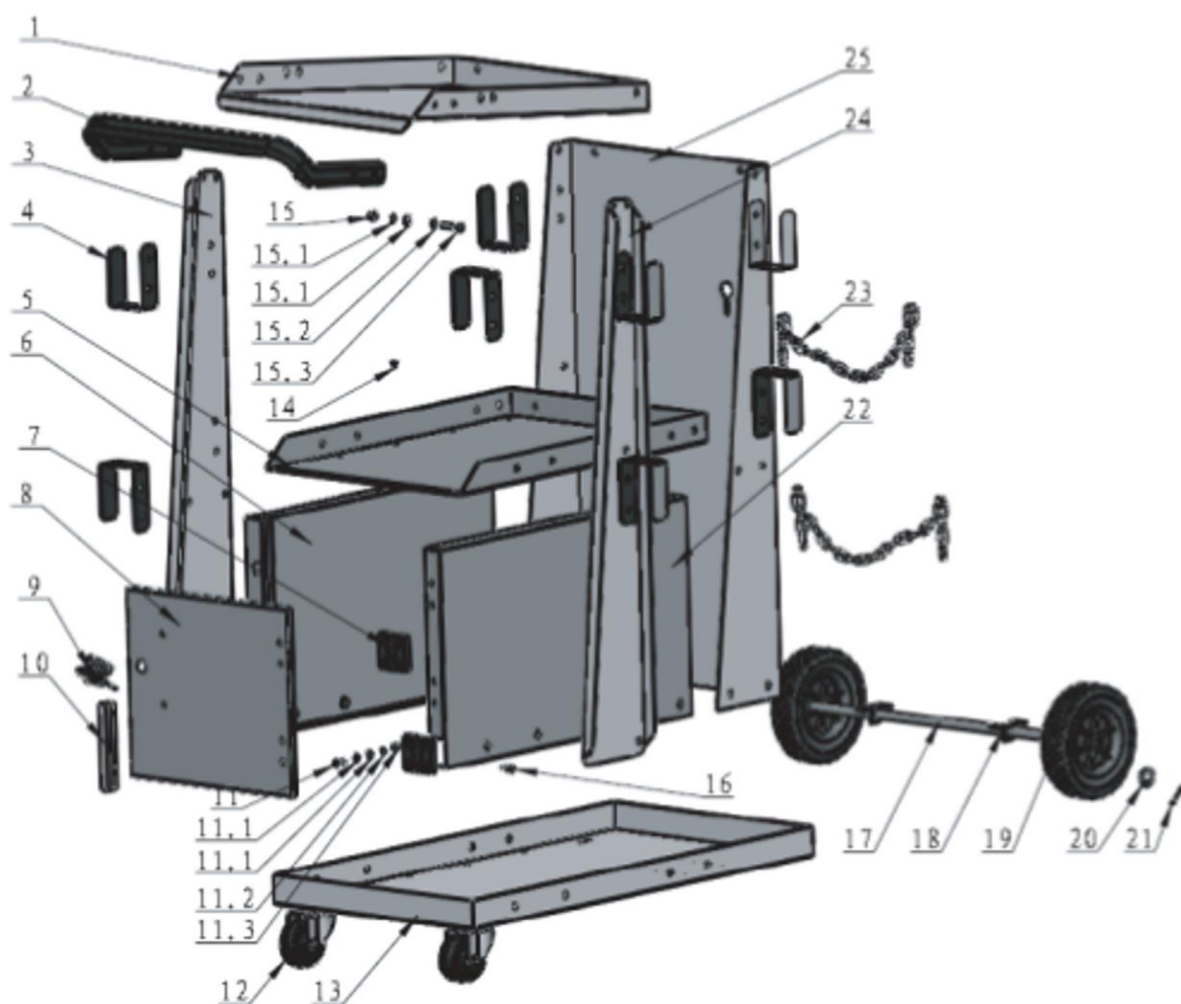
7. Using the supplied Philips head bolt, slide on a flat washer and insert it into the pre-drilled holes in the right side of the plastic door hinge. Then insert this assembly into the pre-drilled holes in the front of the cabinet. Add a flat washer, lock washer, and nut onto the back to secure. Repeat for the other right side hole in that hinge. Then repeat for the other hinge.
8. Using the Phillips head bolt, add a flat washer and slide it through the pre-drilled holes in the left side of the hinge and through the pre-drilled holes on the front door. Add a flat washer, lock washer, and nut onto the back to secure. Repeat for the other left side hole in that hinge. Then repeat for the other hinge.
9. Find the left side vertical panel. With the lips out and the wide end to the bottom, align the bottom two pre-drilled holes in the vertical panel with the threaded holes in the cabinet base. They are located right above the left side caster. Secure with a 10 mm bolt in both mounting holes. Do not completely tighten these bolts at this time.
10. Going up the left side vertical panel, align the next two pre-drilled holes with the pre-drilled holes in the lip of the middle shelf. Secure these mounting holes with a 10 mm bolt and a 10 mm nut. Then tighten the bolts in the previous step.
11. Repeat the last two steps to mount the right side vertical panel.
12. Install the vertical cylinder securement panel on the back of the cabinet box. This panel will slide between the cabinet box and the lip of the bottom panel. Align the pre-drilled holes in the left side of the vertical cylinder securement panel and the pre-drilled holes in the lip of the bottom panel with the threaded holes in the cabinet box. You may need to use a small screwdriver to help align all three holes. Slide in a 10 mm bolt and leave it slightly loose at this point. Repeat for the mounting holes on the right side of the vertical cylinder securement panel. Then tighten all four bolts.
13. Going up the vertical cylinder securement panel, align the pre-drilled holes in the left side with the pre-drilled holes in the lip of the middle shelf. Secure each mounting hole with a 10 mm bolt and a nut. Repeat for both holes and then again for the one on the back. Then repeat for all three mounting holes on the right side of the vertical cylinder securement panel.
14. Align the pre-drilled holes on the back of the top shelf lip with the pre-drilled holes in the vertical cylinder securement panel. There is one on the back and one on the side for both the right and left sides. Secure with a 10 mm bolt and a nut. Leave these slightly loose at this time.
15. Align the pre-drilled holes on the front of the top shelf lip with the pre-drilled holes in the front vertical panels. Secure with a 10 mm bolt and a nut. Then tighten all the bolts from the previous step.
16. Using the longer 10 mm bolts, slide on a flat washer and slide it through one of the pre-drilled holes on the left side of the handle. Then slide it through the matching pre-drilled hole on the left lip of the top shelf. Add a flat washer, lock washer, and secure it with a nut. Leave this nut slightly loose at this time. Repeat for both pre-drilled holes in the left side of the handle. Then repeat for the two mounting holes in the right side of the panel. Then tighten all the nuts holding the handle.
17. You will notice four pre-drilled holes remain in the front vertical panels and on each side of the vertical cylinder securement panel. These mounting holes are for cable wraps. For the top set of holes, the cable wrap should be mounted with the opening up. For the bottom set of holes, the cable wrap should be mounted with the opening down. Using a 10 mm nut, slide it through the pre-drilled holes in the cable wrap and then through the pre-drilled hole in the vertical panel. Secure with a nut. Repeat this for all mounting holes on all eight cable wraps on both side of the cart.
18. Find the 3/4 inch holes in the back of the vertical cylinder securement panel. Place one end of the securement chain in one hole and slide a link down into the bottom groove. Then wrap the chain around the cylinder you are securing and place it in the other 3/4 inch hole on the other side of the cylinder.

Maintenance

Maintain your Welding Cart by adopting a program of conscientious repair and maintenance in accordance with the following recommended procedures:

- Regularly clean the outer surfaces with a clean cloth. DO NOT use harsh cleaners.
- Before each use, inspect the general condition of the Welding Cart. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation. DO NOT use damaged equipment.

Parts Diagram



Parts List

Reference #	Part#	Description	Qty.
1	105100109	TOP SHELF	1
2	105100110	HANDLE	1
3	105100111	LEFT SIDE VERTICAL PANEL	1
4	105100112	CABLE WRAP	8
5	105100113	MIDDLE SHELF	1
6	105100114	LEFT SIDE CABINET PANEL	1
7	105100115	PLASTIC HINGE	2
8	125100008	DOOR	1
9	105100027	LOCK SET	1
10	105100026	DOOR HANDLE	1
11	105100116	PHILLIPS HEAD BOLT M5*16	8
11.1	105100046	FLAT WASHER M5	16
11.2	105100045	LOCK WASHER M5	8
11.3	105100053	HEX NUT M5	8
12	105100009	CASTER 65 MM × 27 MM	2
13	105100117	BASE PANEL	1
14	105100029	SCREW 4.2 MM X 9.5 MM	18
15	105100118	10 MM BOLT LONG M6*30	4
15.1	105100046	FLAT WASHER M6	8
15.2	105100045	LOCK WASHER M6	4
15.3	105100053	HEX NUT M6	4
16	105100119	10 MM BOLT SHORT M6*12	50
17	105100120	AXLE	1
18	105100121	AXLE CLIP	2
19	105100003	WHEEL 150 MM × 35 MM	2
20	105100002	FLAT WASHER M12	4
21	105100001	COTTER PIN 2.5 MM X 25 MM	2
22	105100122	RIGHT SIDE CABINET PANEL	1
23	105100007	CYLINDER SECUREMENT CHAIN 4 MM	2
24	105100123	RIGHT SIDE VERTICAL PANEL	1
25	105100124	VERTICAL CYLINDER SECURMENT PANEL	1

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 will be required: Model Number, Serial Number/Lot Date Code, and Description.
- The distributor reserves the rights to make design changes and/or 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 Klutch 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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