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## AUTOOL T22

# AUTOOL Heavy-Duty Modular Service Cart T22 Instruction Manual

Model: T22

## 1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your AUTOOL Heavy-Duty Modular Service Cart T22. Designed for automotive workshops, this versatile cart offers organized storage and mobility for various tools and equipment.

### Key Features:

- Layered storage design for laptops, diagnostic tools, power supplies, and auto batteries.
- Sturdy and durable heavy-duty SPCC steel construction with a maximum load capacity of 220 pounds (100 kg).
- Powder-coated finish for excellent rust and corrosion resistance.
- Four 360-degree swivel casters (two lockable) for easy movement and secure positioning.
- Humanized design features including a stainless steel push handle, side hooks, adjustable securing straps, and a side mouse pad.

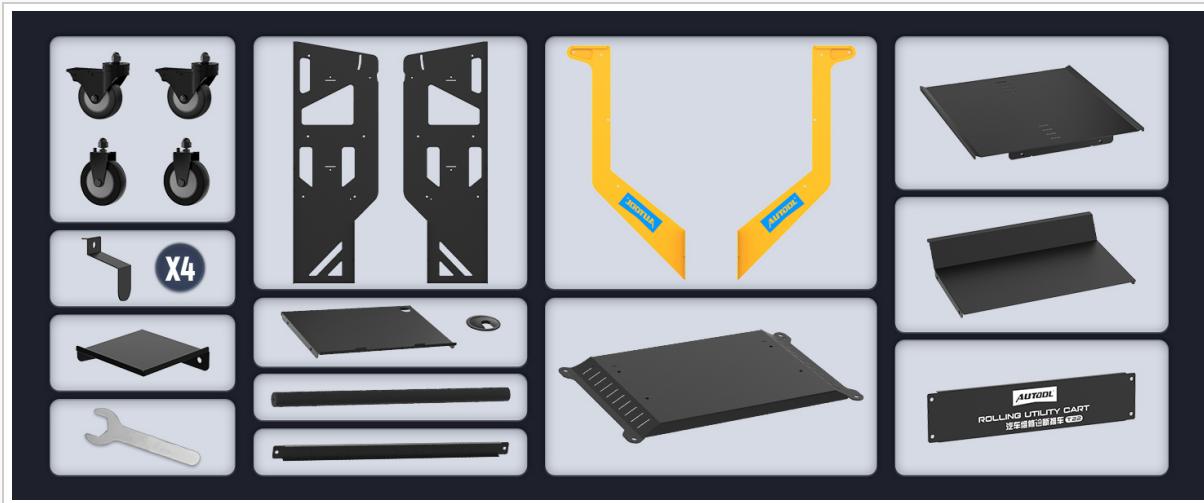
## 2. SAFETY INFORMATION

Please read and understand all safety instructions before assembling or operating the service cart. Failure to follow these instructions may result in injury or damage to the product.

- Always assemble the cart on a flat, stable surface.
- Do not exceed the maximum load capacity of 220 pounds (100 kg).
- Ensure all fasteners are securely tightened before use.
- Lock the casters when the cart is stationary to prevent accidental movement.
- Distribute weight evenly on the shelves to maintain stability.
- Keep hands and fingers clear of moving parts during assembly and operation.
- Do not allow children to play on or around the cart.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning assembly. If any parts are missing or damaged, please contact customer support.



**Image 3.1:** Exploded view of the AUTOOL T22 service cart components, showing all individual parts including shelves, side panels, casters, handle, and fasteners.

The package should include:

- Base plate with pre-drilled holes for casters
- Side support panels (2, with AUTOOL branding)
- Shelves (various sizes for different storage layers)
- Four 360-degree swivel casters (2 with locking mechanism)
- Stainless steel push handle
- Side hooks (4)
- Adjustable securing straps
- Side mouse pad
- Assembly hardware (bolts, nuts, washers)
- Wrench/screwdriver for assembly

## 4. ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your AUTOOL Heavy-Duty Modular Service Cart T22. It is recommended to have a second person assist with some steps.

**Video 4.1:** Official AUTOOL assembly guide for the service cart, demonstrating the step-by-step process from unboxing to full assembly, including caster installation, panel attachment, and shelf placement.

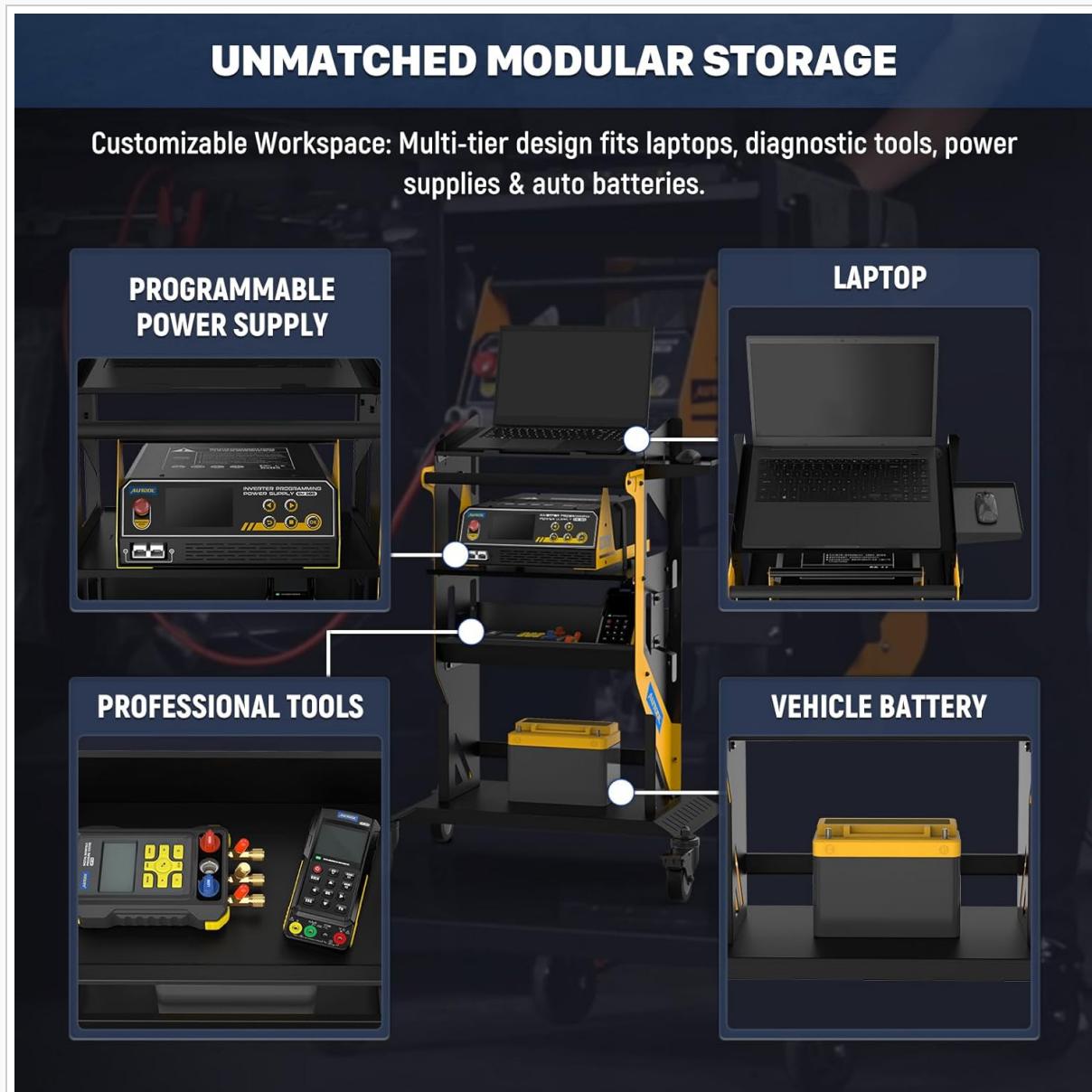


**Image 4.2:** Visual representation of the assembly process, showing the sequence of attaching the base, side panels, and shelves to form the complete service cart structure.

- 1. Attach Casters:** Secure the four 360-degree swivel casters to the bottom base plate using the provided bolts and nuts. Ensure the two lockable casters are positioned at the front for easy access.
- 2. Install Side Panels:** Attach the main side support panels to the base plate. These panels form the vertical structure of the cart.
- 3. Mount Shelves:** Install the various shelves into their designated slots on the side panels. The cart features specific layers for a laptop, programming power supply, and general tools. Secure each shelf with the appropriate fasteners.
- 4. Attach Push Handle:** Secure the stainless steel push handle to the top section of the side panels.
- 5. Add Accessories:** Install the side hooks and the side mouse pad as desired.
- 6. Final Check:** Verify that all bolts and nuts are securely tightened and that the cart is stable.

## 5. OPERATION AND USAGE

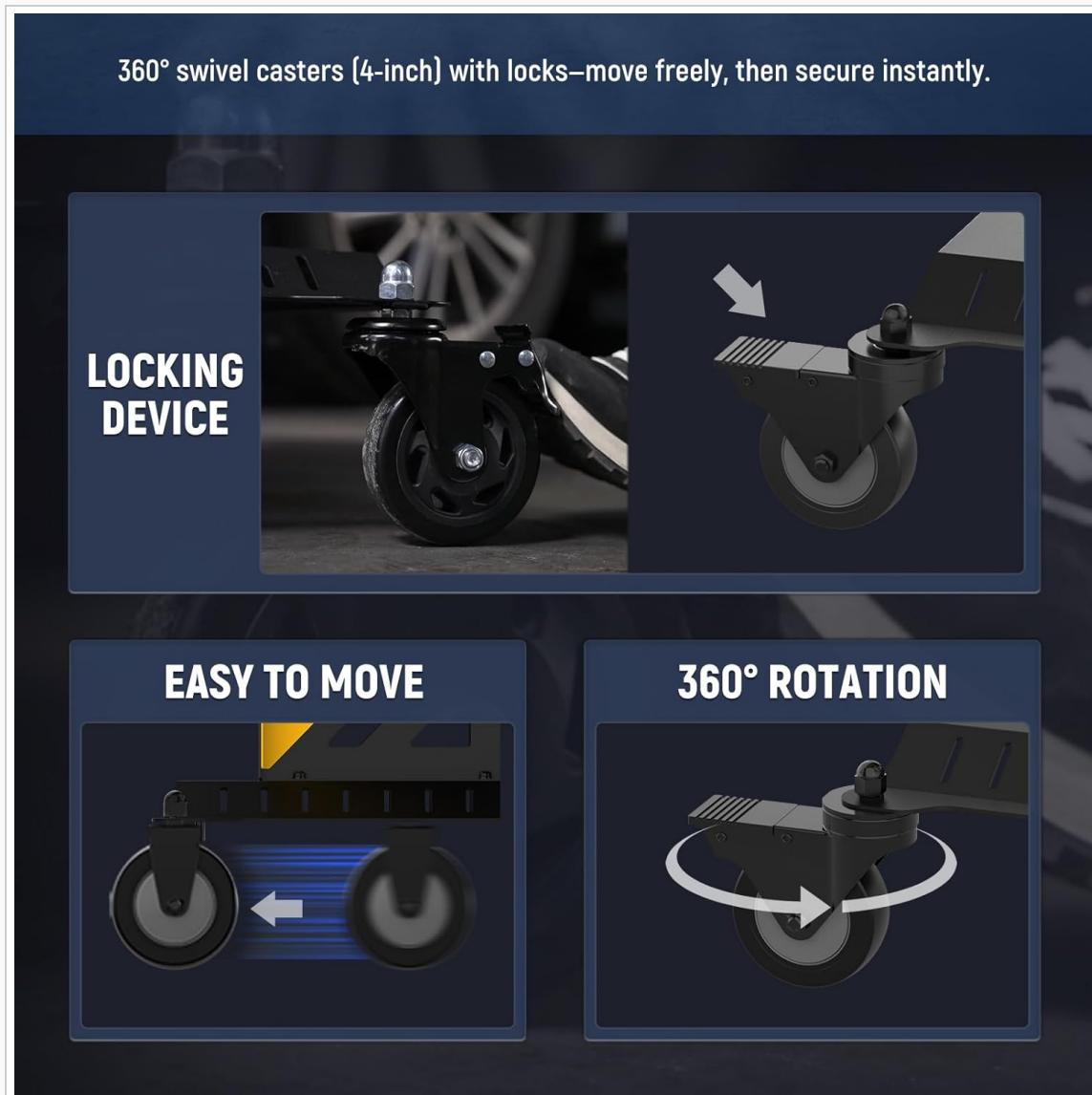
The AUTOOL T22 service cart is designed for efficient organization and mobility in a workshop environment.



**Image 5.1:** Overview of the customizable workspace on the AUTOOL T22 service cart, highlighting dedicated tiers for a

laptop, programmable power supply, professional tools, and a vehicle battery.

- **Modular Storage:** Utilize the multi-tier design to organize your equipment. The top shelf is ideal for a laptop, while lower shelves can accommodate diagnostic tools, programming power supplies, and vehicle batteries.
- **Caster Operation:** The 360-degree swivel casters allow for easy maneuverability. To secure the cart in place, press down on the locking mechanism on the two designated casters. To move, release the locks.



**Image 5.2:** Detailed view of the 360-degree swivel casters on the AUTOOL T22 service cart, illustrating the locking mechanism for stability and the smooth rotation for easy movement.

- **Side Hooks:** The integrated side hooks provide convenient storage for frequently used tools, cables, or other accessories, keeping them within reach and preventing loss.
- **Adjustable Securing Straps:** Use the provided adjustable straps to firmly hold devices like programmable power supplies or other equipment in place, preventing movement during transport or work.
- **Side Mouse Pad:** The dedicated side mouse pad offers a stable surface for using a computer mouse, assisting with ECU programming or other laptop-based tasks.

## DETAIL DESIGN



### SIDE HOOK

Allows for hanging other frequently used tools, ensuring easy access and preventing loss.



### ERGONOMIC PUSH HANDLE

Made from stainless steel tube, offering a comfortable grip with a smooth, polished finish. Ensures effortless pushing and pulling.



### ADJUSTABLE SECURING STRAP

Firmly holds devices in place, ideal for securing programmable power supplies and other equipment.



### SIDE MOUSE PAD

Place the mouse to better assist your ECU programming.

**Image 5.3:** Close-up of the detailed design elements of the AUTOOL T22 service cart, showcasing the practical side hooks, the ergonomic stainless steel push handle, the adjustable securing strap for equipment, and the convenient side mouse pad.

## 6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your service cart.

- Cleaning:** The powder-coated finish is corrosion-resistant and easy to clean. Wipe down surfaces with a damp cloth and mild detergent as needed. Avoid abrasive cleaners that could damage the finish.

## CORROSION-PROOF FOR HARSH ENVIRONMENTS

Powder-coated finish fights rust from oil, chemicals, and garage conditions.



**Image 6.1:** Visual representation of the corrosion-proof design of the AUTOOL T22 service cart, highlighting its powder-coated finish that resists rust from oil, chemicals, and typical garage conditions.

- **Caster Inspection:** Periodically check the casters for debris, wear, or damage. Clean any accumulated dirt or hair from the wheels to ensure smooth operation.
- **Fastener Check:** Regularly inspect all bolts and nuts to ensure they remain tight. Re-tighten if necessary to maintain the cart's structural integrity.

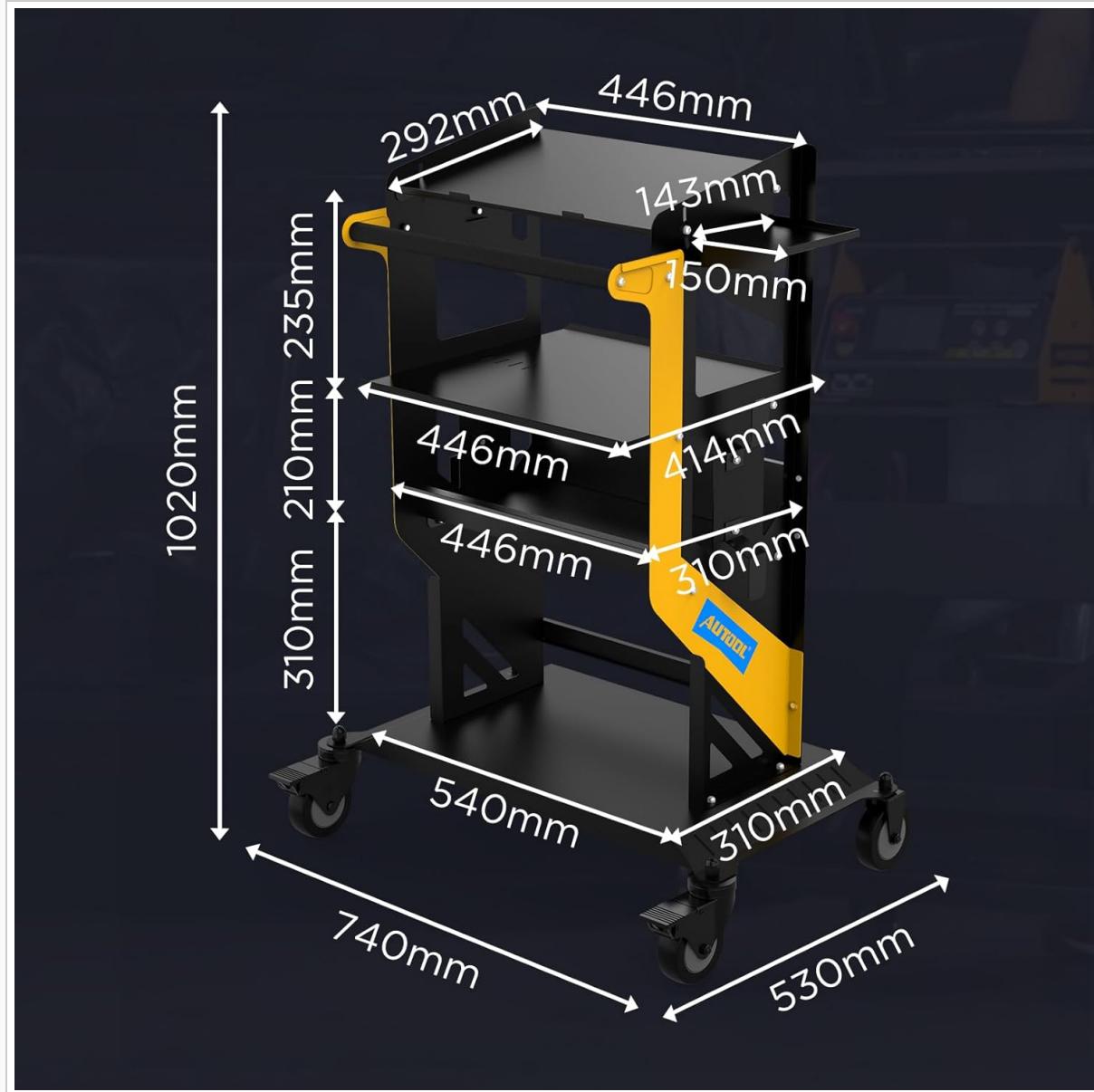
## 7. TROUBLESHOOTING

If you encounter any issues with your service cart, refer to the following common troubleshooting tips:

- **Cart is unstable:** Ensure all assembly fasteners are tightened. Verify that the cart is on a level surface. Distribute items evenly across the shelves.
- **Casters are difficult to move:** Check for debris (e.g., hair, string) wrapped around the caster wheels. Clean the wheels if necessary. Ensure caster locks are disengaged.
- **Parts do not fit during assembly:** Double-check that you are using the correct parts for each step as indicated in the assembly instructions. Do not force components together.

## 8. PRODUCT SPECIFICATIONS

Detailed specifications for the AUTOOL Heavy-Duty Modular Service Cart T22.

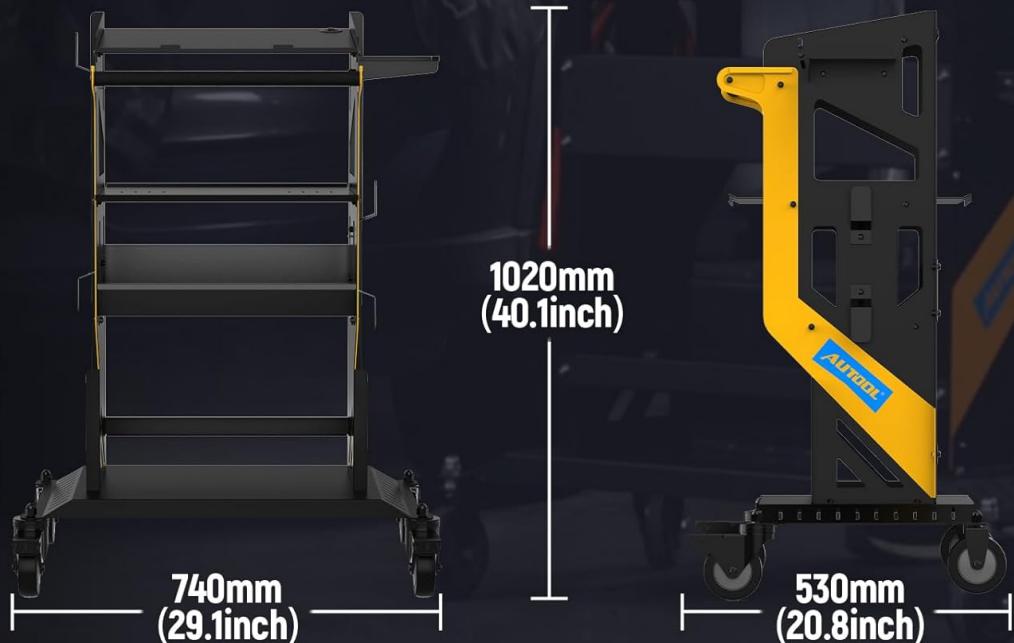


**Image 8.1:** Dimensional drawing of the AUTOOL T22 service cart, showing height, width, and depth measurements in both millimeters and inches.

## PRODUCT SPECIFICATIONS

Product size	Plate thickness
530x740x1020mm	Bottom plate 2.0mm, plate layer 1.2mm, column 1.5mm
Product weight	Load bearing
24.5kg	100kg

Product material	Caster size
Cold-rolled steel plate	4 inches



**Image 8.2:** Table summarizing the product specifications for the AUTOOL T22 service cart, including product size, weight, material, plate thickness, load bearing, and caster size.

Specification	Value
Product Dimensions	38.6"D x 5.1"W x 20.1"H (530x740x1020mm)
Brand	AUTOOL
Material	SPCC steel (Cold-rolled steel plate)
Color	Black
Special Feature	Corrosion-Resistant, Heavy Duty
Number of Shelves	4
Recommended Uses	Indoor automotive workshops
Handle Material	Stainless Steel
Item Weight	52.9 Pounds (24.5 kg)

Specification	Value
Number of Wheels	4
Weight Limit	220 Pounds (100 kg)
Assembly Required	Yes
Caster Type	Swivel (4-inch)
Frame Material	Alloy Steel
Item Model Number	101
Plate Thickness	Bottom plate 2.0mm, plate layer 1.2mm, column 1.5mm

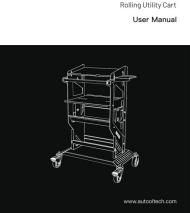
## 9. WARRANTY AND SUPPORT

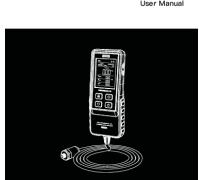
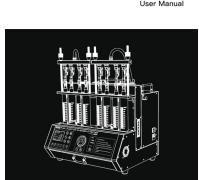
The AUTOOL Heavy-Duty Modular Service Cart T22 comes with a 3-year warranty, ensuring quality and reliability.

For technical support, warranty claims, or any questions regarding your product, please contact AUTOOL customer service through the official AUTOOL website or your point of purchase.

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## Related Documents - T22

 <p><b>AUTOOL T22</b> Rolling Utility Cart User Manual <a href="http://www.autotooltech.com">www.autotooltech.com</a></p>	<p><a href="#"><b>AUTOOL T22 Rolling Utility Cart User Manual - Installation, Maintenance, and Warranty Guide</b></a></p> <p>Comprehensive user manual for the AUTOOL T22 Rolling Utility Cart, covering product structure, step-by-step installation, maintenance guidelines, warranty information, and return/exchange policies.</p>
 <p><b>AUTOOL SDT202</b> Smoke Leak Detector User Manual <a href="http://www.autotooltech.com">www.autotooltech.com</a></p>	<p><a href="#"><b>AUTOOL SDT202 Smoke Leak Detector User Manual</b></a></p> <p>User manual for the AUTOOL SDT202 Smoke Leak Detector. Provides detailed instructions for operation, maintenance, and troubleshooting of this automotive diagnostic tool, designed for efficient leak detection in vehicles.</p>
 <p><b>AUTOOL HTS558</b> Walnut Sand De-Carbon Cleaner User Manual <a href="http://www.autotooltech.com">www.autotooltech.com</a></p>	<p><a href="#"><b>AUTOOL HTS558 Automotive Walnut Sand De-Carbon Cleaner User Manual   AUTOOL Tech</b></a></p> <p>User manual for the AUTOOL HTS558 automotive walnut sand de-carbon cleaner, detailing its features, operation, maintenance, and safety guidelines for effective engine intake system cleaning.</p>

 <p><b>AUTOOL LM70</b> Smart Digital Manifold Kit User Manual</p>	<p><a href="#">AUTOOL LM70 Smart Digital Manifold Kit User Manual</a></p> <p>User manual for the AUTOOL LM70 Smart Digital Manifold Kit, providing detailed instructions on operation, safety, maintenance, and technical specifications for automotive air conditioning system diagnostics.</p>
 <p><b>AUTOOL PT650</b> Transmission Oil Pressure Gauge User Manual</p>	<p><a href="#">AUTOOL PT650 Transmission Oil Pressure Gauge User Manual</a></p> <p>Comprehensive user manual for the AUTOOL PT650 Transmission Oil Pressure Gauge, covering operation, safety, maintenance, and warranty information. Essential guide for automotive professionals and enthusiasts.</p>
 <p><b>AUTOOL FN608</b> Fuel Injector Cleaner &amp; Tester User Manual</p>	<p><a href="#">AUTOOL FN608 Fuel Injector Cleaner &amp; Tester User Manual   Automotive Diagnostic Tool</a></p> <p>This user manual provides comprehensive guidance for the AUTOOL FN608 Fuel Injector Cleaner &amp; Tester. It covers product overview, safety precautions, operating instructions, technical specifications, and maintenance for professional automotive use.</p>