

TC3-300

3-Tier Tool Cart

USER GUIDE & ASSEMBLY MANUAL



Keep this guide
Read before assembly and retain it for future reference, maintenance and warranty support.

Built for compact workspaces

The STRONGER TOOL TC3-300 is a compact, mobile workshop cart designed to organise and transport tools, parts and accessories. Its three deep trays, powder-coated steel construction and smooth swivel castors make it suitable for garages, workshops, studios, salons and home workspaces.

Key features

- Three deep trays for secure tool and parts storage
- Heavy-duty powder-coated steel construction
- Four swivel castors, including two braked castors
- Ergonomic push handle for controlled movement
- Compact footprint for smaller work areas

Product specifications

Model	TC3-300
Product type	3-tier mobile tool cart
Cart dimensions	380 x 270 x 750 mm (excluding handle and castors)
Maximum total load	60 kg, evenly distributed
Recommended loading	Heaviest items on the bottom tray
Intended use	Indoor tool storage and transport
Approx. assembly time	20-30 minutes

Maximum load: 60 kg
Do not exceed the total rated load. Distribute weight evenly and place heavier items on the lowest tray.

Safety first

Read all instructions before assembling or using the cart.

General safety

1. Use the cart only for storing and transporting tools and equipment within its rated load.
2. Use only on a flat, stable surface. Slopes and uneven floors can cause unintended movement or tipping.
3. Engage both castor brakes whenever the cart is stationary.
4. Keep hands, fingers, loose clothing and children clear of wheels and other pinch points.
5. Avoid abrupt stops, impacts and excessive speed while the cart is loaded.
6. Wear suitable gloves and eye protection during assembly.

Loading and movement

- Do not exceed 60 kg total load.
- Distribute weight evenly across the three trays.
- Place heavier items on the bottom tray and lighter items above.
- Do not stand, sit or climb on the cart.
- Push the cart using the handle. Do not pull it from the tray edges.

Assembly and inspection

- Loosely fit all fasteners first. Square the frame before final tightening.
- Tighten all fasteners securely before use.
- Inspect fasteners, trays and castors regularly. Replace damaged parts before further use.
- Do not modify the frame or use non-genuine replacement components.

WARNING

Overloading, uneven loading or use on a slope may cause structural failure, falling items or tip-over injury.

Package contents

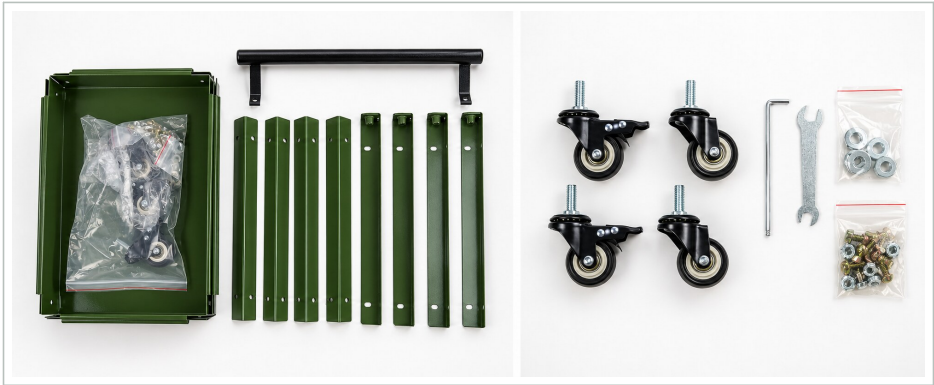
Unpack all components and compare them with this checklist before assembly.
Contact customer support if anything is missing or damaged.



Closed carton and packed components

No.	Part	Qty
1	User guide and warranty information	1
2	Tray assemblies (logo tray is the top tray)	3
3	Push handle	1
4	Braked swivel castor with M10 stem	2
5	Swivel castor with M10 stem	2
6	Upper leg section	4
7	Lower leg section with M10 threaded insert	4

Hardware and tools



Cart components, hardware and supplied tools

No.	Part	Qty
8	M5 x 17 mm hex socket bolt	4
9	M5 x 15 mm hex socket bolt	24
10	M5 lock nut	28
11	Spare bolts and nuts	As supplied
12	M10 nut and flat washer	4 sets
13	L-shaped hex key	1
14	Double open-ended spanner	1

Tools supplied

The supplied hex key and spanner are the only tools required for standard assembly.

Before you begin

Choose a clean, level work area and protect the product finish with cardboard or a soft mat.

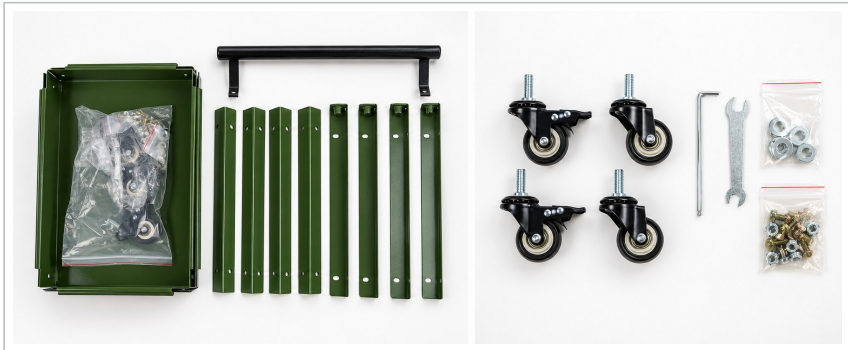
Assembly rule

Fit first, tighten last

Install all bolts and nuts finger-tight until the three trays and all leg sections are aligned. Fully tighten the frame only during the final adjustment step.

1 Prepare the components

- Lay out the three trays, eight leg sections, push handle, four castors and hardware.
- Identify the tray carrying the STRONGER TOOL logo. This is the top tray.
- Identify the four lower leg sections with M10 threaded inserts. The castors attach to these sections.
- Separate the two braked castors from the two standard castors.



Lay out and identify all components before assembly

Protect the finish

Minor marks can occur where self-locking fasteners contact the powder-coated surface. Assemble on a clean surface and avoid overtightening before alignment.

2 Separate the trays

The trays are nested for shipping. Separate them carefully before frame assembly.

1. Insert the short end of the supplied L-shaped hex key into the gap between the top and middle trays.
2. Use the key as a gentle lever to lift the tray edge. Work gradually around the tray rather than forcing one point.
3. Lift and remove the top tray, then repeat the process to separate the middle tray from the bottom tray.



Locate the gap, insert the hex key, lift gently and separate the trays

Note

This step may leave light marks on the inner tray edges. These do not affect performance and will be concealed by the support bars after assembly.

3 Assemble the castor legs

Attach one castor to each lower leg section with the M10 threaded insert.

Assembly order

1	Castor with M10 threaded stem
2	M10 hex nut
3	Flat washer
4	Lower leg section with threaded insert

1. Thread the M10 nut onto the castor stem, then fit the flat washer.
2. Insert the stem into the threaded leg section and tighten it securely with the supplied spanner.
3. Position the two braked castors on the same side of the cart, or on adjacent corners, so both brakes are easy to reach.
4. Adjust the M10 nuts to a similar height on all four legs. A mid-stem position is recommended.



Castor stem, nut and washer order; tightening; completed legs

Castor alignment



Confirm two braked and two standard castor legs

Before installing the legs

- Confirm that each castor is firmly seated and rotates freely.
- Confirm that the two braked castors can be locked and released.
- Check that the castor stems are adjusted to approximately the same height.
- Keep the cart upside down until all four legs have been attached to the bottom tray.

Brake position

The braked castors may be fitted on the side that best suits your workspace. Keep them together on one side or on adjacent corners so they can be reached without walking around the cart.

Correct orientation

When viewed upside down during assembly, the castor wheels point away from the tray. The lower leg sections sit against the outside corners of the tray walls.

4 Install the bottom tray

1. Place the bottom tray upside down on a protected surface.
2. Position one completed castor leg against each tray corner.
3. Align the pre-drilled holes and install the M5 x 15 mm bolts with M5 lock nuts.
4. Leave every fastener slightly loose. Do not fully tighten yet.



Position, align and loosely secure all four castor legs

Do not tighten yet

The frame needs a small amount of movement so the middle and top trays can be aligned without forcing the holes.

5 Install the middle tray

Join the upper and lower leg sections at the middle tray.

Stacking order

From the tray outward

Middle tray → upper leg section → lower leg section with threaded insert. Fit the small safety cut on each upper leg section facing upward.

1. Lay the partly assembled cart on its side and position the middle tray at the four side-rail joints.
2. At each corner, overlap the upper and lower side-rail sections across the middle-tray flange exactly as shown. Do not join the rails end-to-end.
3. Secure each joint with an M5 x 17 mm bolt and M5 lock nut.
4. Keep all four joints loose until the top tray has been fitted.



Position the middle tray, align the leg sections and secure the joint

Use the correct fasteners

Use the four M5 x 17 mm bolts only at the middle joints. The shorter M5 x 15 mm bolts are used at the tray corners.

6 Install the top tray

1. Position the tray carrying the STRONGER TOOL logo at the top of the frame.
2. Align the four upper leg sections with the tray corners.
3. Install the M5 x 15 mm bolts and M5 lock nuts. Keep them finger-tight.
4. Once seated, the upper rails must finish beneath the top-tray corners with no rail protruding above the tray.



Install the top tray, then attach the push handle

7 Attach the push handle

1. Position the handle brackets on the long side of the top tray, opposite the long side carrying the product logo.
2. Align the bracket holes with the tray and frame holes.
3. Fit the supplied bolts and nuts, then check that the handle is centred and secure.

8 Square and tighten

1. Check that all tray edges are seated evenly and the frame appears square.
2. Tighten the bottom-tray fasteners evenly, alternating between corners.
3. Tighten the middle joints, then the top-tray and handle fasteners.
4. Turn the cart upright with assistance if required. Do not lift it by the trays alone.
5. Place the cart on a level floor. If it rocks, loosen the affected joints slightly, realign the frame and retighten from the bottom upward.



Completed TC3-300 tool cart

Pre-use quality check

- All bolts and nuts are fitted and securely tightened.
- All four castors rotate freely and the two brakes operate correctly.
- The cart stands evenly without rocking.
- The handle is secure and the trays are correctly seated.

Ready for use

Load the cart gradually, keep the heaviest items on the bottom tray and engage the brakes whenever the cart is parked.

Care and troubleshooting

Cleaning and maintenance

- Wipe the cart regularly with a soft, damp cloth.
- For oil or heavier dirt, use mild household detergent diluted in water.
- Do not use solvents, abrasive cleaners or steel wool.
- Dry all surfaces thoroughly, especially around joints and fasteners.
- Remove metal shavings, hair and debris from castors.
- Inspect and retighten fasteners periodically.

Storage

- Store indoors on a level surface, away from rain and excessive humidity.
- Keep away from corrosive chemicals, solvents, fertilisers and salt.
- Remove heavy loads during extended storage and engage both brakes.
- Do not stack heavy objects on top of the cart.

Quick troubleshooting

Cart rocks	Loosen affected joints, square the frame and retighten from the bottom upward.
Holes do not align	Confirm part orientation and loosen all nearby fasteners before realigning.
Castor does not roll	Remove debris and confirm the brake is fully released.
Missing or damaged part	Stop assembly and contact STRONGER TOOL customer support.

Warranty summary

Your TC3-300 is covered by the following STRONGER TOOL Australia warranty, in addition to your rights under the Australian Consumer Law.

5-year automatic structural warranty

Covers eligible defects in materials and workmanship under normal use from the date of purchase. Registration is not required.

10-year extended structural warranty

Register the product within 30 days of purchase and retain valid proof of purchase to extend eligible structural coverage to 10 years from the original purchase date.

Moving parts

Wheels, castors and moving wheel components are covered for 12 months from the date of purchase.

Not covered

- Misuse, abuse, neglect, accidental damage or overloading
- Improper assembly, unauthorised modification or non-genuine parts
- Normal cosmetic wear, scratches, dents, surface rust or discolouration
- Damage from weather, corrosive substances or unsuitable cleaners
- Unauthorised repairs, commercial loss or removal and reinstallation costs
- Transit damage not reported at delivery

Making a claim

Provide proof of purchase, the product model and a description of the issue. Photos may be requested. Repair or replacement is at STRONGER TOOL's discretion, subject to assessment.

Product registration

Register within 30 days of purchase to activate the 10-year extended structural warranty. Keep your receipt or invoice with this guide.

Register online

Visit strongertool.com.au and open the Product Registration page.

Customer Support

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Document information

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Australian Consumer Law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if they fail to be of acceptable quality and the failure does not amount to a major failure.