

TD5000
TD5001

3D Printer Cart



Assembly Guide TD5000_TD5001_2016_C

Check out our other products online at
www.copernicused.com

For assistance, please contact us:

1-800-267-8494

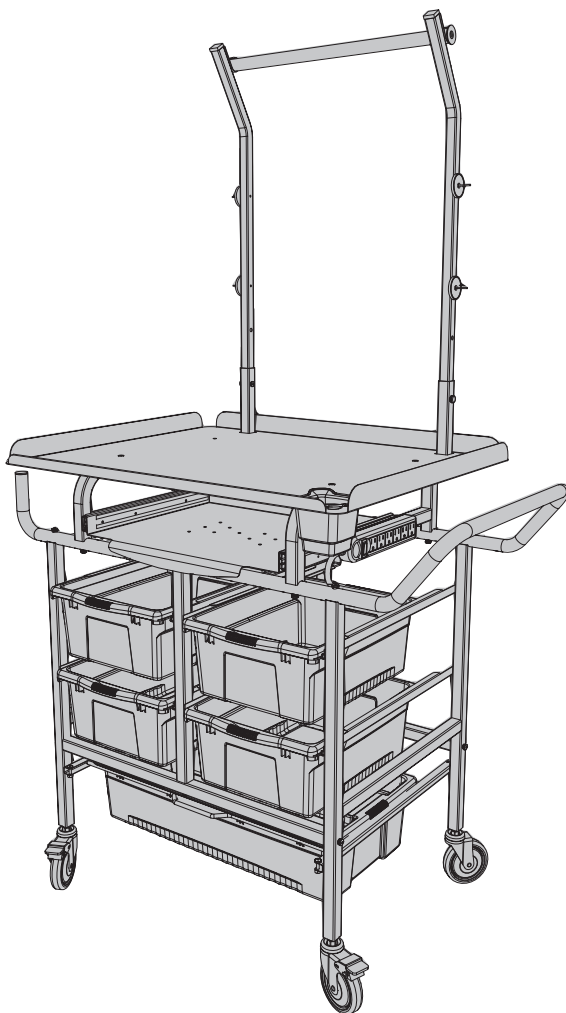
Email info@copernicused.com

Have your packing slip ready for reference

WARNING

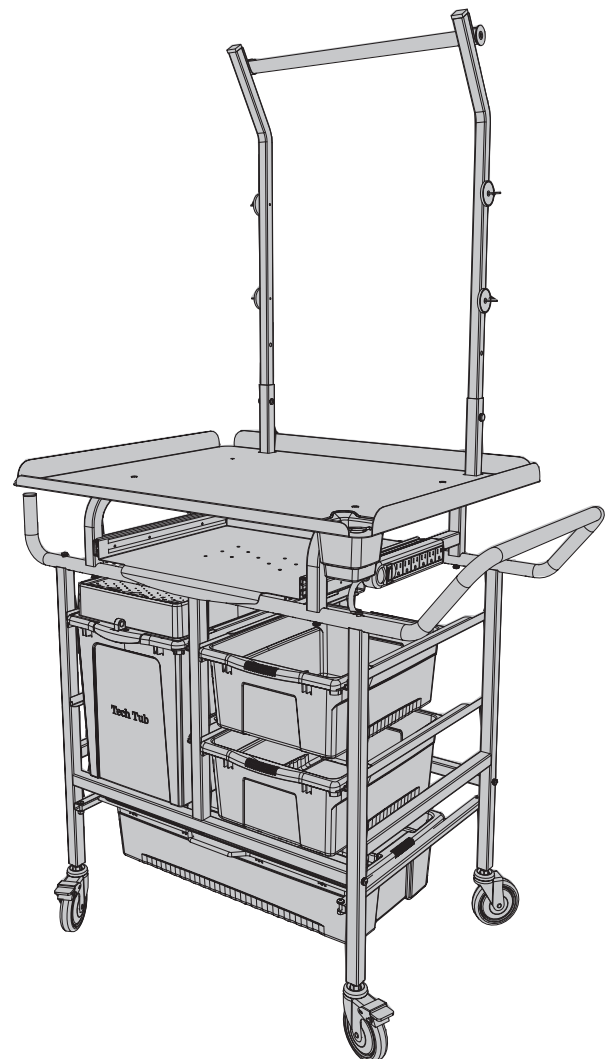


- This product is meant to be assembled by an adult.
- In its unassembled state, small parts present a hazard.
- To be used under direct supervision of an adult.



TD5000

1 Tiny Tub
4 Open Tubs
1 Really Big Tub



TD5001

1 Tiny Tub
2 Open Tubs
1 Tech Tub
1 Really Big Tub



Please Recycle

3D Printer Cart



Assembly Guide TD5000_TD5001_2016_C

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Have your packing slip ready for reference

Dear Educator,

Thank you for purchasing one of our products.

I hope the assembly of your 3D Printer Cart went well.

If you have any questions, or concerns, or ideas for how we can improve, please call us at 1-800-267-8494, where someone will be happy to help.

Enjoy using your new product, and happy teaching,

Jim Phillips
President

Quality schools are the result of quality teachers going above and beyond the call of duty.

VICKI CARUANA

Customer Service - FAQ's

For missing parts and other issues regarding the cart:

- The laptop tray won't slide out smoothly.
- Ho to adjust the spool holders.

Please call Copernicus Customer Service, where we will be happy to help.

1-800-267-8494. Monday - Friday 8:30am - 4:30 pm EST.

OR

Email our Tech Support Service at info@copernicused.com

***Need Tech Support?
Have a Question?***



Email our Tech Support Service





Warning! Hazard Risks!

Please read the warnings below for important safety information regarding your product. Failure to read these warnings or to follow the instructions below could result in personal injury or damage to your product that could void your warranty.



Small
Parts

In its unassembled state, this product contains parts that can be hazardous to small children. This product should be assembled by an adult.



Adult
Supervision

This product is to be used under the supervision of an adult.



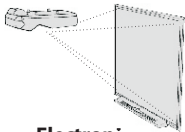
Indoor Use
Only

This product is intended for indoor use only. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The internal components are not sealed from the environment.



Power Strip
Specifications

Read your power strip electrical specifications. Only plug in devices that are approved for use with this power strip. Connect the supplied power strip directly to a wall outlet. **Do not connect to another power strip or use an extension cord.** Unplug when not in use. **Do not leave this product plugged in for more than 72 consecutive hours.** Turn off power strip before unplugging.



Electronic
Equipment

Read the electrical specifications of any electronic equipment you are using with your Copernicus products. Failure to read these specifications and follow their instructions could result in damage to your equipment or personal injury.



Cable Trip
Hazard

Ensure that any cables extending across the floor to your product are properly bundled and marked to avoid tripping or falling which may lead to personal injury.



Electrical Shock

Do not install or use the electrical components of this unit during a lightning storm.



Climb Hazard

Do not climb on, hang from or suspend objects from any components of your product unless otherwise specified.



Before beginning, you should have:

Additional tools required:

Screwdriver



Adjustable wrench x1

TD5000-0 (frame box)

4" Caster With Brake & Safety Pinch Point Cover
2x (41013)



4" Caster No Brakes
2x (41014)



Double Sided Foam Tape
2x (700012)

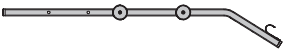


In Box 1

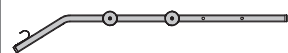
Hardware
Actual Size

- A** 1/4" x 1-3/4" Screw (43007) **16x**
- B** 1/4"-20 x 1 1/4" Screw (430043) **4x**
- C** M6 x 19mm Screw (43219) **2x** **Caster Wrench (Not to Scale) 1x**
- D** 10-24" x 7/8" Screw (430137) **2x**
- E** M6 Barrel Nut (43272) **2x**
- F** 10-24 Lock Nut (430165) **2x**
- G** 1/4" Keps Nut (4301621) **4x**
- H** 1/4" Lock Washer (43010) **16x**
- I** M8 Washer (43274) **2x**
- J** Caster Lock Washer (43010211) **4x** **Allen Key (Not to Scale) (43281) 2x**

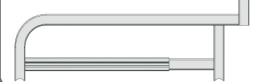
Spool Arm Holder Right
1x (51089)



Spool Arm Holder Left
1x (51089)



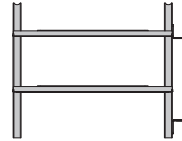
Top Drawer Stretcher Left & Right
2x (33094)



Side Frame
2x (51087)



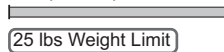
Middle Frame
1x (51088)



Stretcher
2x (33092)

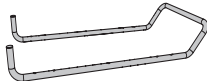


Spool Holder
1x (33095)



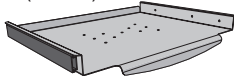
25 lbs Weight Limit

Handle
1x (33093)



TD5000 - CB1

Laptop Tray (drawer slides attached)
1x (32060)



Open Tub
4x (CC4068-B)



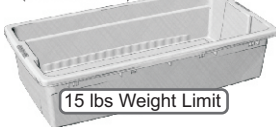
Tiny Tub
1x (CC4072-G)



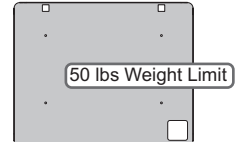
Power Strip
1x (25515)



Really Big Tub
1x (CC4073-B)



Printer Table
1x (32061)



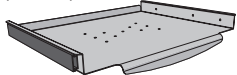
Really Big Tub Frame
1x (31091)



OR

TD5001 - CB2

Laptop Tray (drawer slides attached)
1x (32060)



Open Tub
2x (CC4068)



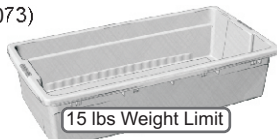
Tiny Tub
1x (CC4072)



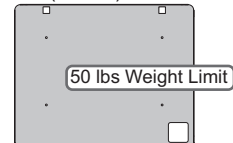
Power Strip
1x (25515)



Really Big Tub
1x (Cc4073)



Printer Table
1x (32061)

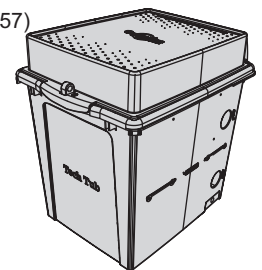


Really Big Tub Frame
1x (31091)



TD5001 - BOX 3

Tech Tub™
1x (TEC57)



Tips for Assembly - Using this Manual



2 Person

Watch for These Helpful Symbols

- This symbol denotes a 2 Person Task. For safety, please ensure that there are two people working on steps displaying this symbol



- Watch for this symbol throughout the Assembly Instructions. Wherever you see it, pay close attention. The symbol denotes a step needing extra attention to ensure it is done correctly.



- The Star symbol highlights an advisory note

Before You Begin



- Layout and identify all of the included parts
- The hardware has been packed by size
- Read the assembly instructions over once to familiarize yourself with them
- Please note that in its unassembled state, this product contains parts that can be a hazard to small children; it should be assembled by an adult.

As You Assemble the Unit



- Follow the steps in sequence
- Before beginning each step, find the part(s) that you need for that step
- Pay attention to the labeling on the parts, they are there to help direct you at certain stages
- The title of each step states what you will be doing. Review the text and the pictures as you build the unit.

**5
Year**

Frame
Warranty

**Life
Time**

Tub
Warranty

Validate Your Warranty On-Line

To validate your warranty submit the ON-LINE form at www.copernicused.com

“The beautiful thing about learning is that no one can take it away from you.” - B. B. King



1

Actual Size:



(A) 4x



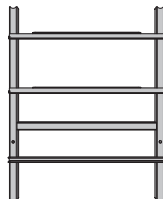
(H) 4x

You will need: (Not to Scale)

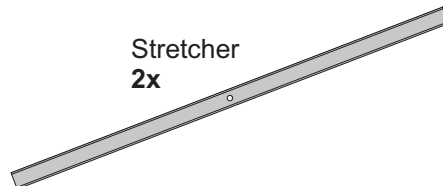
Screwdriver



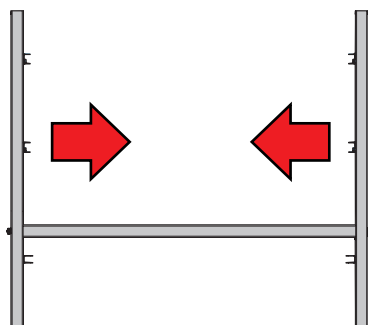
Side Frame
2x



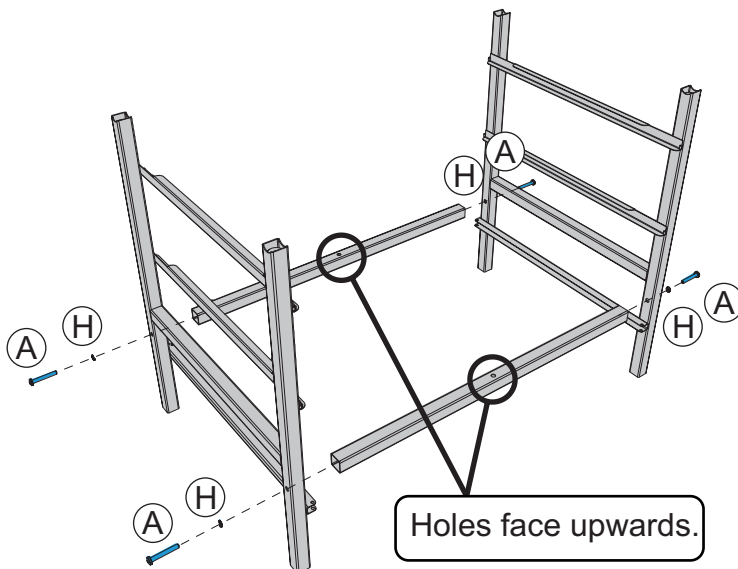
Stretcher
2x



Attach Stretchers to Side Frame



! Make sure Side Frame channels face inwards.



Holes face upwards.

2

Actual Size:



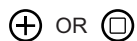
(A) 2x



(H) 2x

You will need: (Not to Scale)

Screwdriver

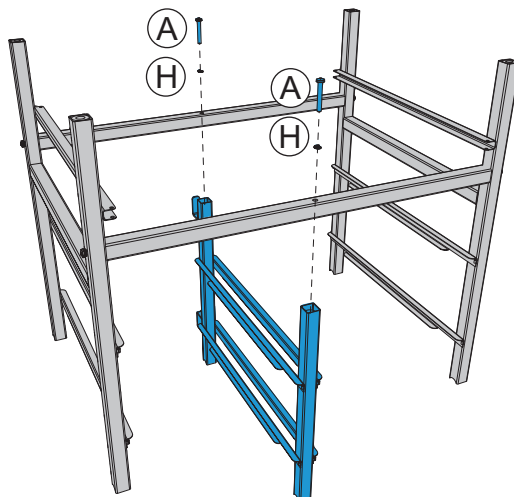


Middle Frame
1x



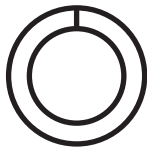
Attach Middle Frame

Position main frame upside down to attach Middle Frame.



3

Actual Size:



J 4x

You will need: (Not to Scale)

4" Caster With Brake &
Safety Pinch Point Cover
2x (41013)



4" Caster
No Brakes
2x (41014)

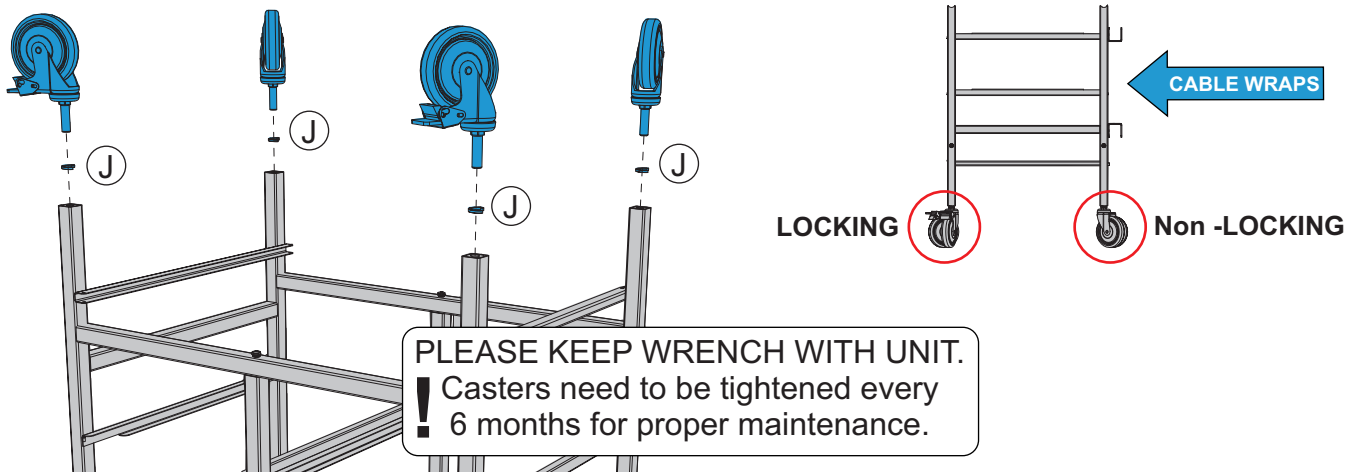


Caster
Wrench
1x



Install Casters

Place lock nut over threaded post of caster. Locking casters are installed on front of cart, opposite of cable wrap. Non-locking casters installed back of cart, same side as cable wrap.



4

Actual Size:



D 2x

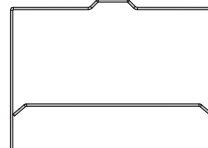


F 2x

You will need: (Not to Scale)

Screwdriver
⊕ OR ⊖

Really Big Tub Frame
1x

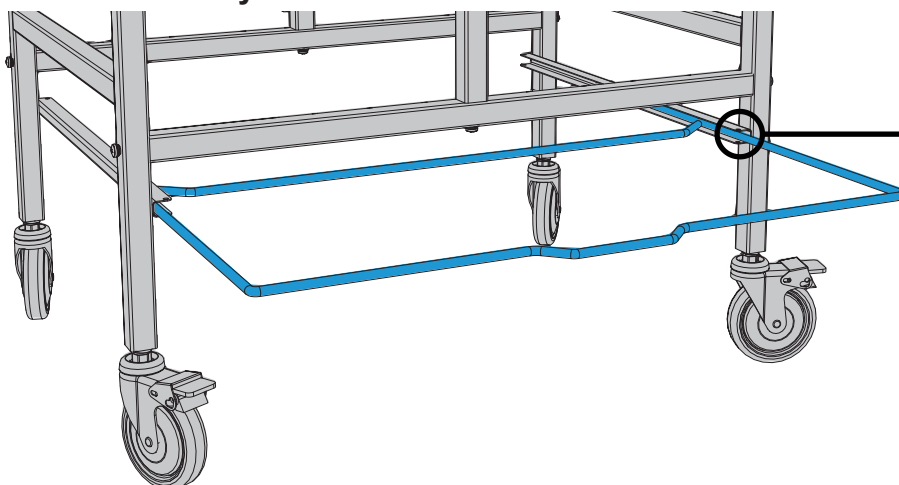


Adjustable wrench x1



Install Really Big Tub Frame

Slide Really Big Tub frame into cart frame opposite of cable hooks on Middle Frame and install safety bolts



! Push frame all the way in & then install bolts.
■ Do not over tighten.



5

Actual Size:



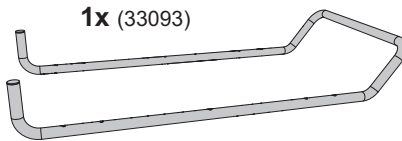
(A) 6x



(H) 6x

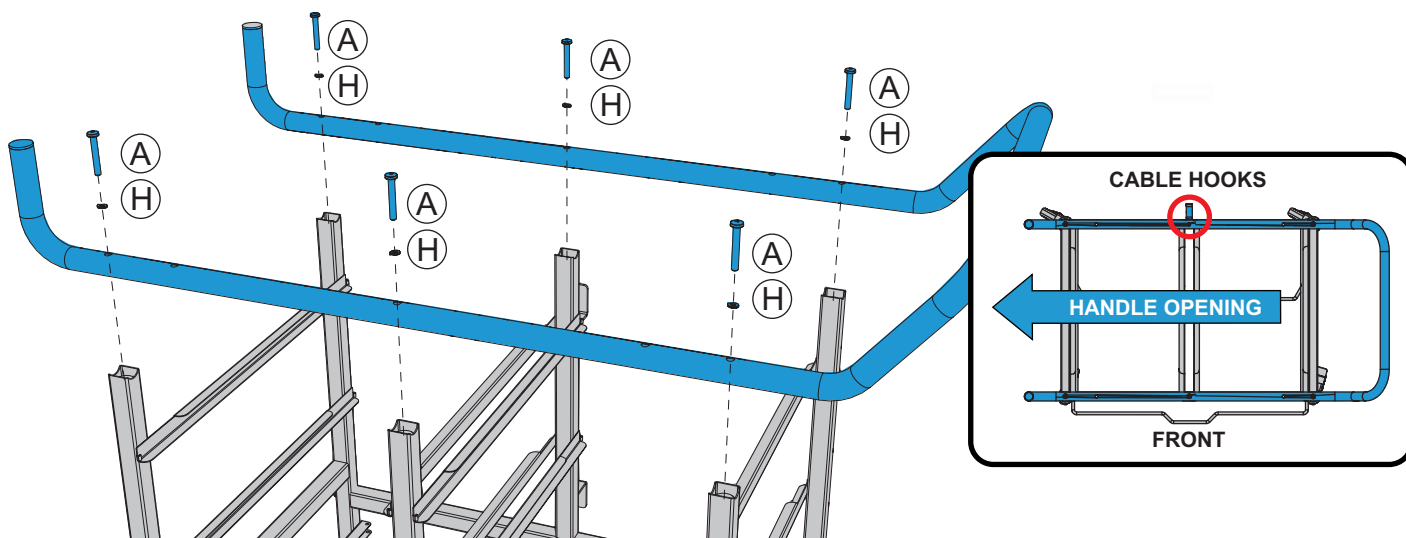
You will need: (Not to Scale)

Screwdriver

Handle
1x (33093)

Attach Handle

Note orientation of handle in diagram.



6

Actual Size:



(A) 4x



(H) 4x

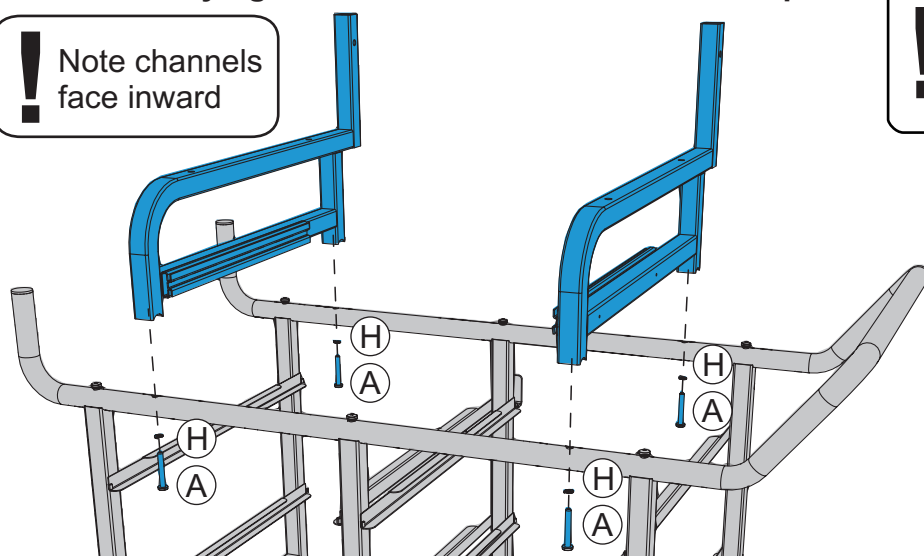
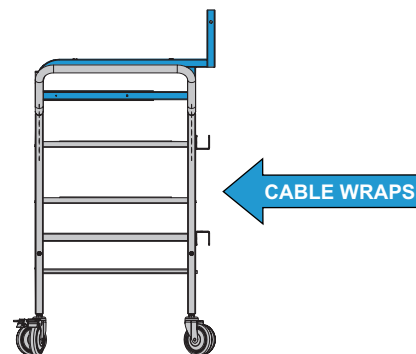
You will need: (Not to Scale)

Screwdriver

Top Drawer Stretcher
2x

Attach Top Drawer Stretchers

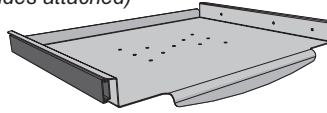
Do not fully tighten hardware until the end of Step 8.

Note channels
face inwardNote orientation of Top Drawer
Stretchers. Drawer Slides slide
out towards the front, opposite
to the cable hooks on the back.

7

Actual Size:

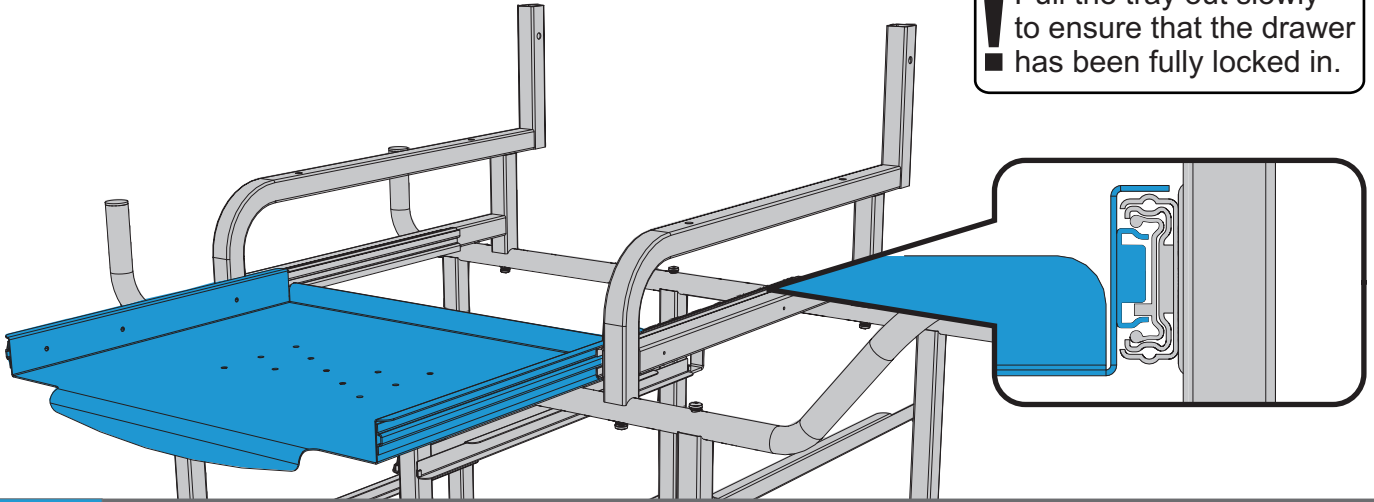
You will need: (Not to Scale)

Laptop Tray
(drawer slides attached)
1x

Install Laptop Tray

Completely slide Laptop Tray into drawer slides.
Tighten hardware from Step 6.

! Pull the tray out slowly
to ensure that the drawer
has been fully locked in.



8

Actual Size:



B 4x

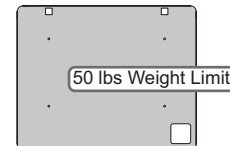


G 4x

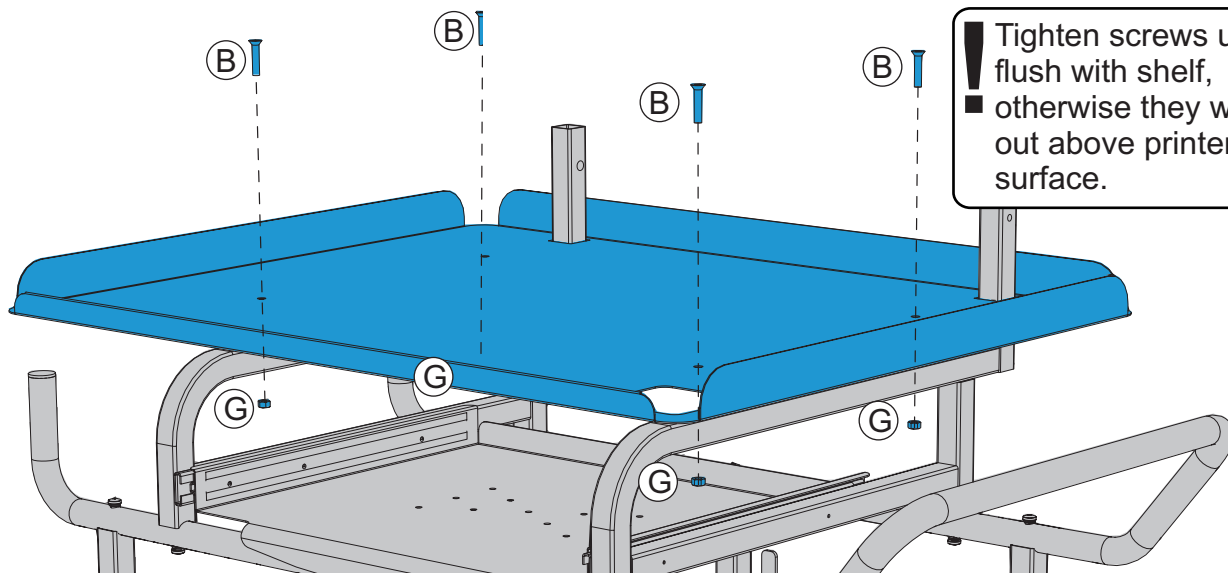
You will need: (Not to Scale)

Screwdriver
⊕ OR ⊖

Adjustable wrench x1

Printer Table
1x (32061)

Install Printer Table.

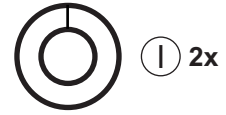
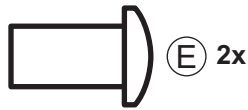


! Tighten screws until
flush with shelf,
otherwise they will stick
out above printer shelf
surface.



9

Actual Size:



You will need: (Not to Scale)

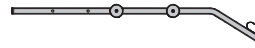
Allen Key
Not to Scale
(43281)
2x



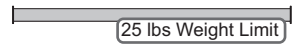
Spool Arm Holder Left
1x (51089)



Spool Arm Holder Right
1x (51089)



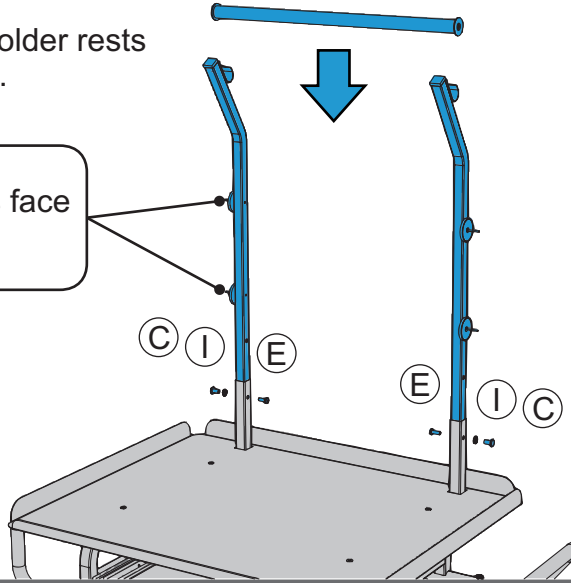
Spool Holder
1x (33095)



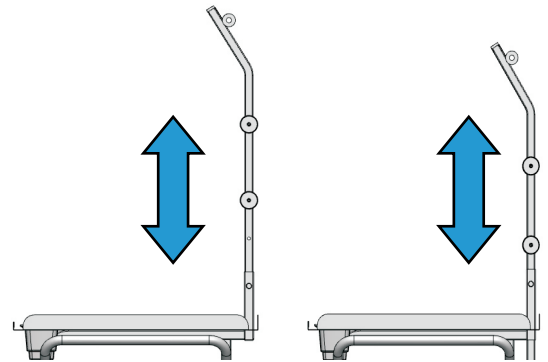
Install Spool Holder Arms.

★ Spool holder rests
in place.

! Magnets face
outward



! Spool Holder Arms are adjustable for
different printers. Choose height where
spools will not rest on printer body.



10

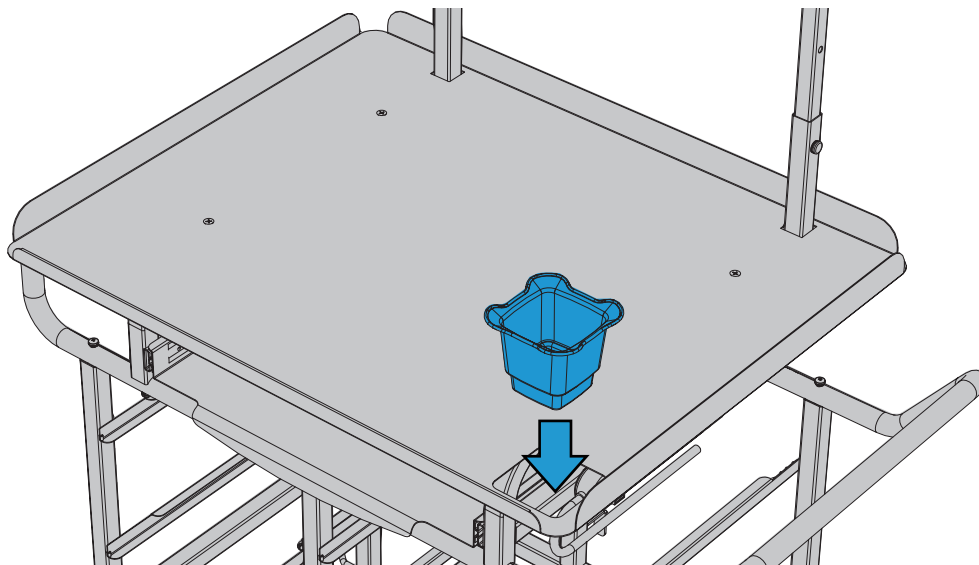
Actual Size:

You will need: (Not to Scale)

Tiny Tub
1x
(CC4072)

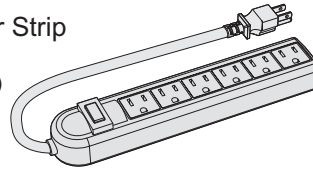


Install Tiny Tub in holder.

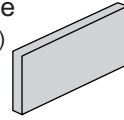


You will need: (Not to Scale)

Power Strip
1x
(25515)

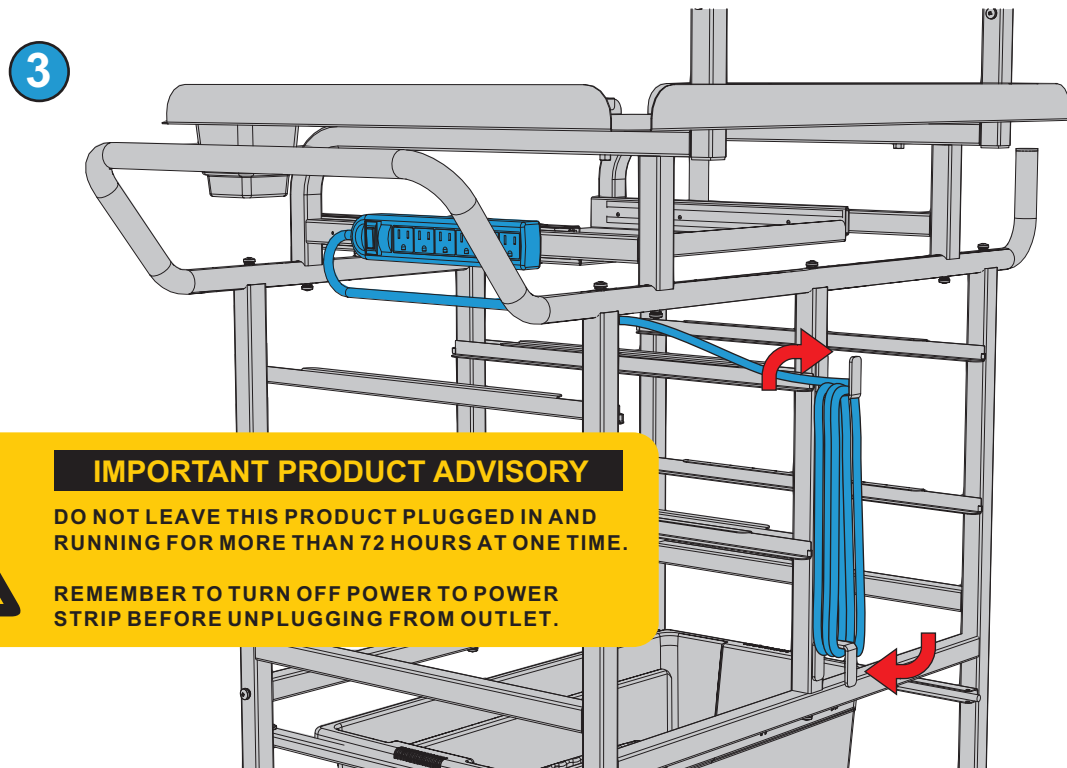
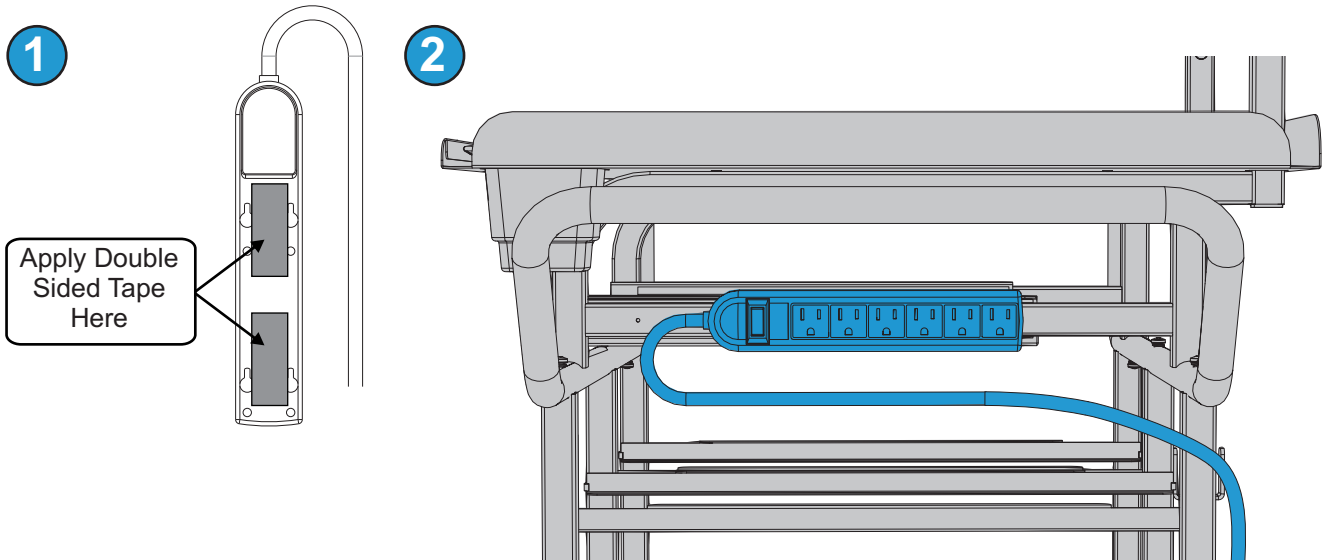


Double Sided
Foam Tape
2x (700012)



Attach Power Strip

Attach Power Strip to the cart by using the supplied double sided tape. Install on the same side as the handle. Install on the stretcher shown below. Wrap cord around hooks on back of unit.



IMPORTANT PRODUCT ADVISORY

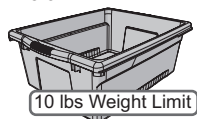
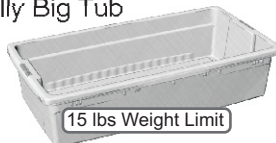
DO NOT LEAVE THIS PRODUCT PLUGGED IN AND RUNNING FOR MORE THAN 72 HOURS AT ONE TIME.

REMEMBER TO TURN OFF POWER TO POWER STRIP BEFORE UNPLUGGING FROM OUTLET.



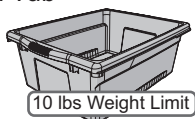
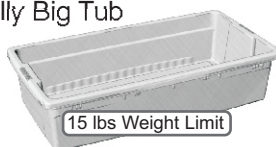
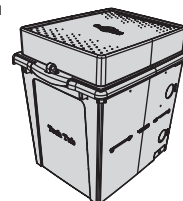
You will need: (Not to Scale)

TD5000

Open Tub
4xReally Big Tub
1x

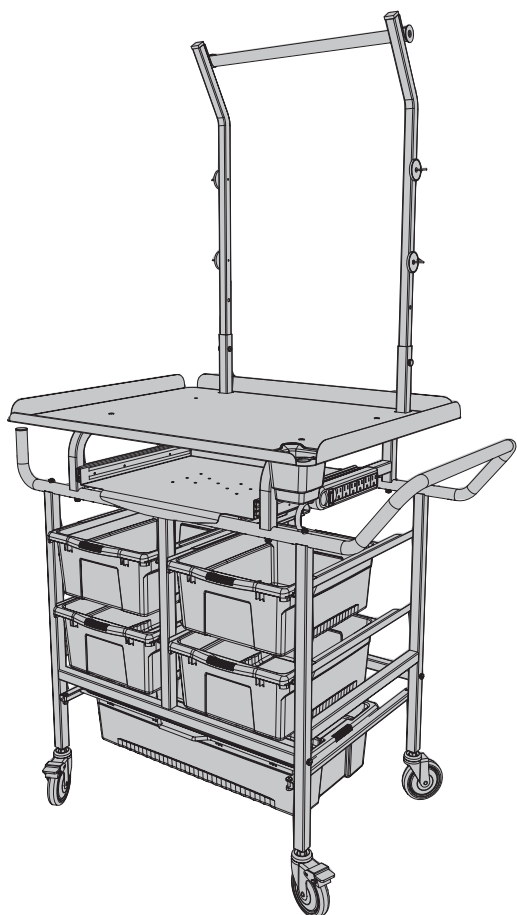
OR

TD5001

Open Tub
2xReally Big Tub
1xTech Tub™
1x
(TEC57)

Install Tubs

TD5000



OR

TD5001

