

TD5000
TD5001

3D Printer Cart



Assembly Guide

TD5000_TD5001_2018_A

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

For assistance, please contact us:

1-800-267-8494

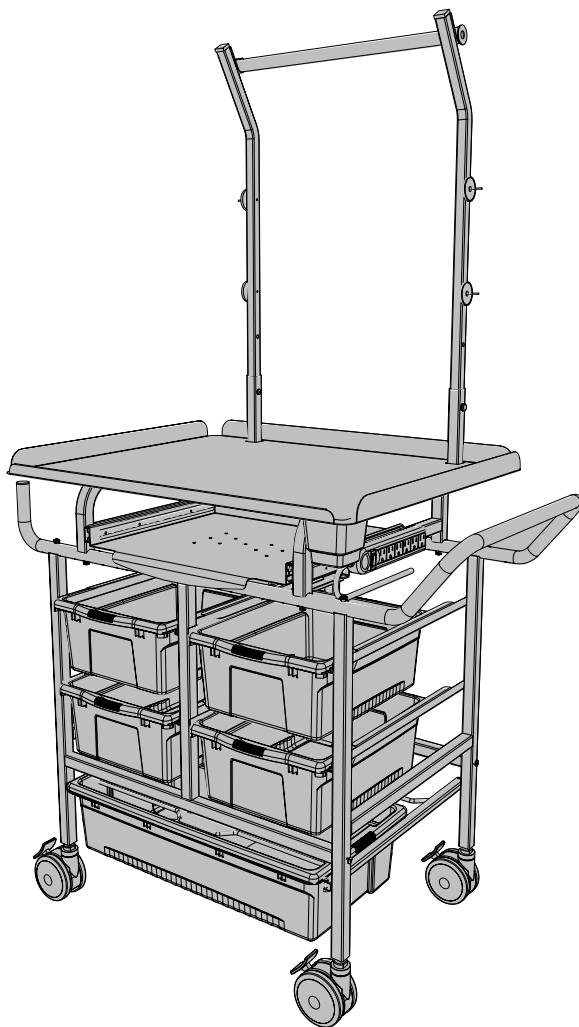
Email info@copernicused.com

Have your packing slip ready for reference

WARNING

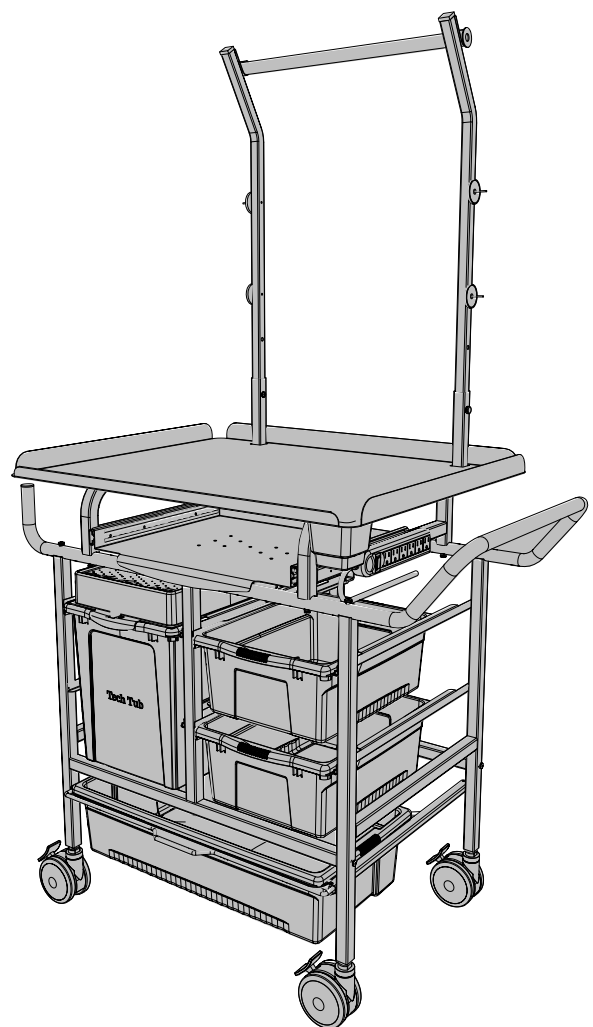


- This product is meant to be assembled by an adult.
- In its unassembled state, small parts present a hazard.
- To be used under direct supervision of an adult.



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



Assembly Guide TD5000_TD5001_2018_A

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Email info@copernicused.com

Have your packing slip ready for reference

Dear Educator,

Thank you for purchasing one of our products. I hope that your 3D Printer Cart is useful in your classroom.

If you have any questions, concerns, or ideas please contact us by telephone at 1-800-267-8494 or email at info@copernicused.com.

Enjoy using your new product and happy teaching.

Jim Phillips
Chief Cook and Bottle Washer

We do not inherit the
earth from our ancestors,
we borrow it from our
children.

NORTH AMERICAN
PROVERB

Change is the end result
of all true learning.

LEO BUSCAGLIA

What you leave behind is
not what is engraved in
stone monuments, but
what is woven into the
lives of others.

PERICLES

Education is the most
powerful weapon which
you can use to change the
world.

NELSON MANDELA



Validate Your Warranty

To validate your warranty, submit the ON-LINE form at www.copernicused.com
Enter a draw to win a Copernicus Product for your classroom at the same time!



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.



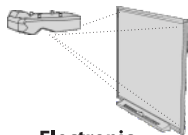
Indoor Use
Only

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:



OR

8mm Wrench x1
10mm Wrench x1

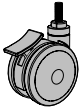
+

Screwdriver

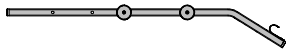


TD5000-0 (frame box)

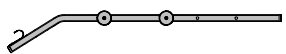
4" Twin Wheel
Locking Caster
x4



Spool Arm Holder Right
x1



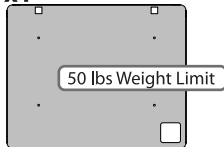
Spool Arm Holder Left
x1



Top Drawer Stretcher
Left
x1

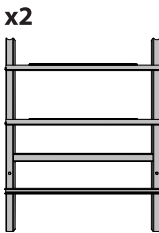


Printer Table
x1

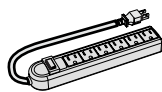


Double Sided
Foam Tape
x2

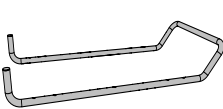
Side Frame
x2



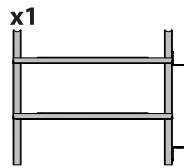
Power Strip
x1



Handle
x1



Middle Frame
x1



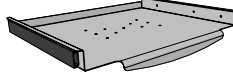
Stretcher
x2



Spool Holder
x1



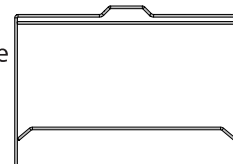
Laptop Tray
(drawer slides attached)
x1



Top Drawer Stretcher
Right
x1

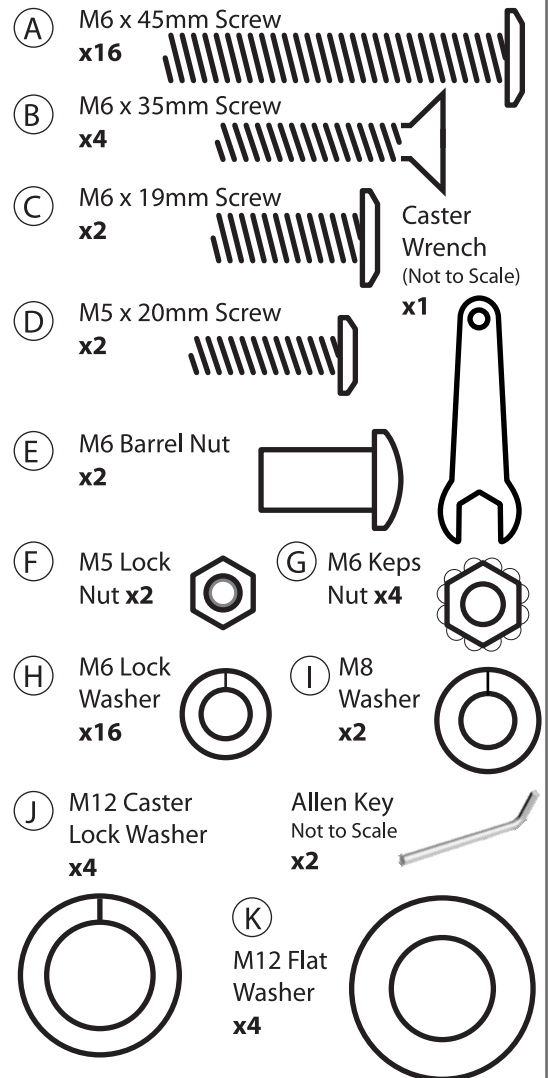


Really Big
Tub Frame
x1



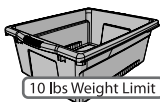
In Box 1

Hardware Actual Size



TD5000 - CB1

Open Tub
x4
(CC4068)



Tiny Tub
x1
(CC4072)



Really Big Tub
x1 (CC4073)



OR

TD5001 - CB2

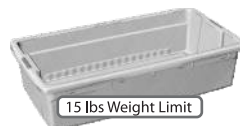
Open Tub
x2
(CC4068)



Tiny Tub
x1
(CC4072)

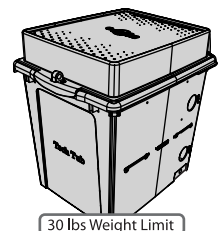


Really Big Tub
x1 (CC4073)



TD5001 - BOX 3

Tech Tub™
x1
(TEC57)



Tips for Assembly

Watch for These Helpful Symbols

- This symbol denotes a 2 Person Task. For safety, please ensure that there are the suggested number of people working on steps displaying this symbol.
- Watch for this symbol throughout the Assembly Guide. 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

- Lay out and identify all of the included parts.
- The hardware has been packed according to **step**.
- Read the assembly guide over once to familiarize yourself with them.



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



Please note, star washers are critical components for electrical safety. Star washers must be included and fasteners fully tightened to prevent the risk of electric shock.



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 labels 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.

Customer Service - FAQ's



For missing parts and other issues regarding this product:

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

Check out some of our other great products!



www.copernicused.com

Need Tech Support? Have a Question?



Email our Tech Support Service

1

Actual Size:



(A) x4



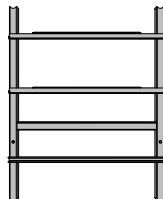
(H) x4

You will need: (Not to Scale)

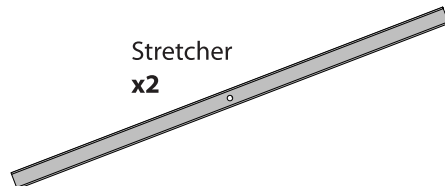
Allen Key
Not to Scale
x1



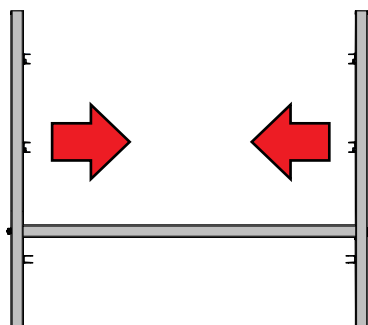
Side Frame
x2



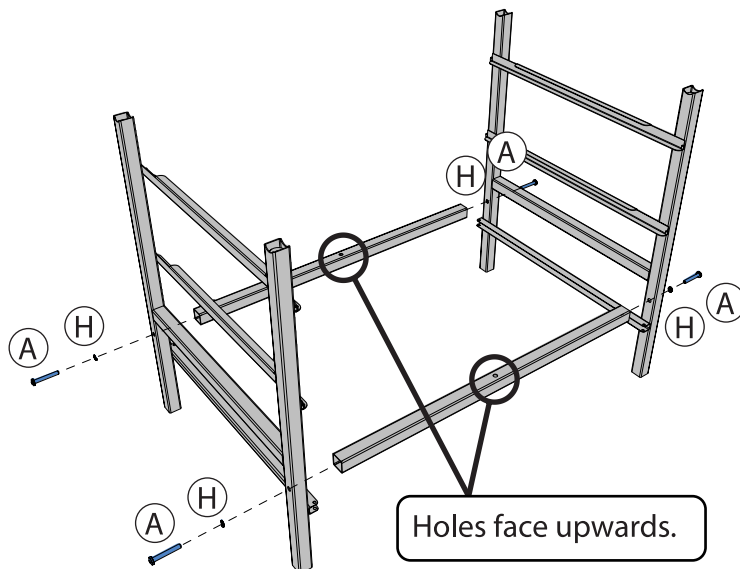
Stretcher
x2



Attach Stretchers to Side Frame



Make sure Side Frame
channels face inwards.



2

Actual Size:



(A) x2



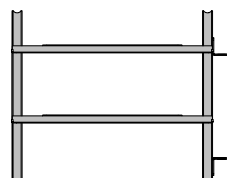
(H) x2

You will need: (Not to Scale)

Allen Key
Not to Scale
x1

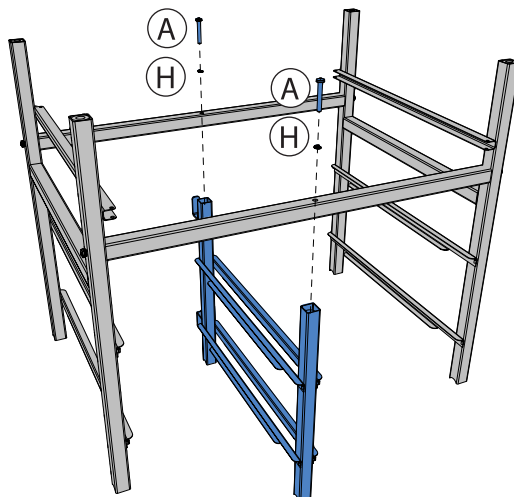


Middle Frame
x1



Attach Middle Frame

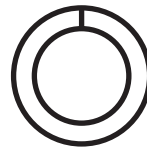
Position main frame upside down to attach Middle Frame.



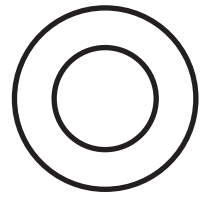
3

Actual Size:

(J) x4



(K) x4



You will need: (Not to Scale)

4" Twin Wheel
Locking Caster
x4

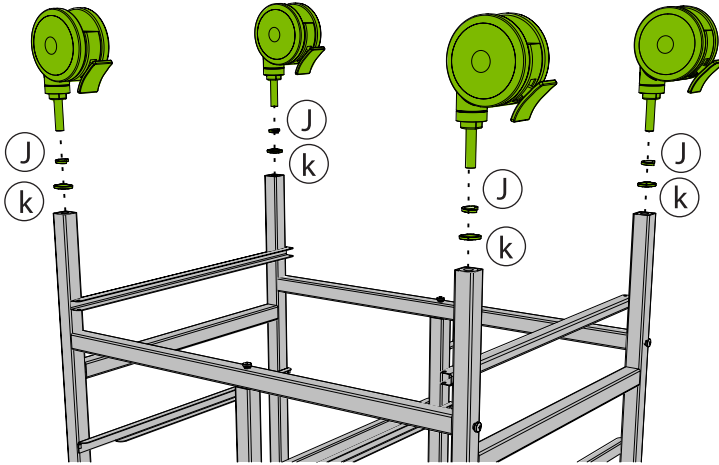


CasterWrench
x1



Install Casters

Lock Caster breaks before installation to make it easier to thread Casters into the cart legs



PLEASE KEEP WRENCH WITH UNIT.

! Casters need to be tightened every 6 months for proper maintenance.

4

Actual Size:



(D) x2



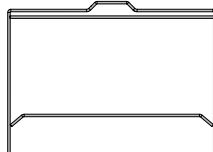
(F) x2

You will need: (Not to Scale)

Allen Key
Not to Scale
x1



Really Big Tub Frame
x1

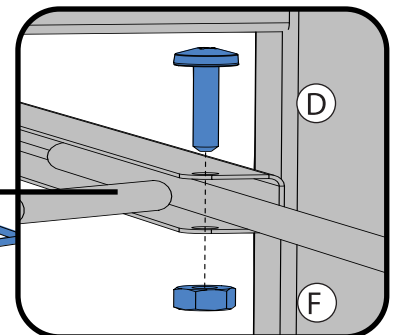
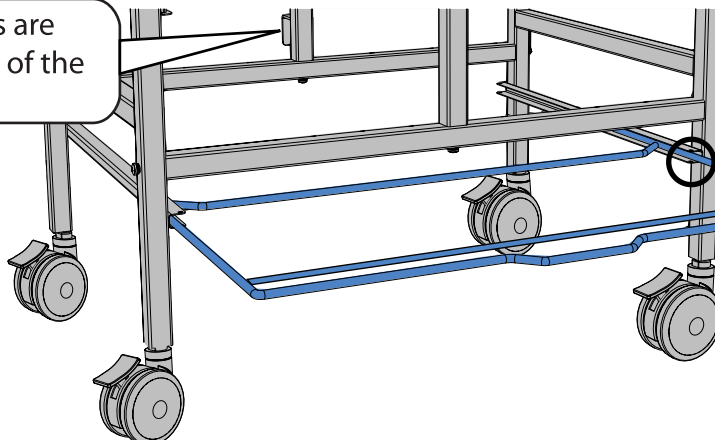


Adjustable
wrench x1

Install Really Big Tub Frame

Slide Really Big Tub frame into front of cart frame and install safety bolts

! Cable hooks are on the back of the cart frame.



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

5

Actual Size:

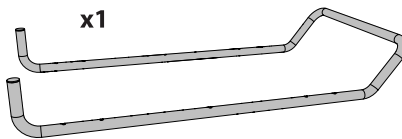


(A) x6



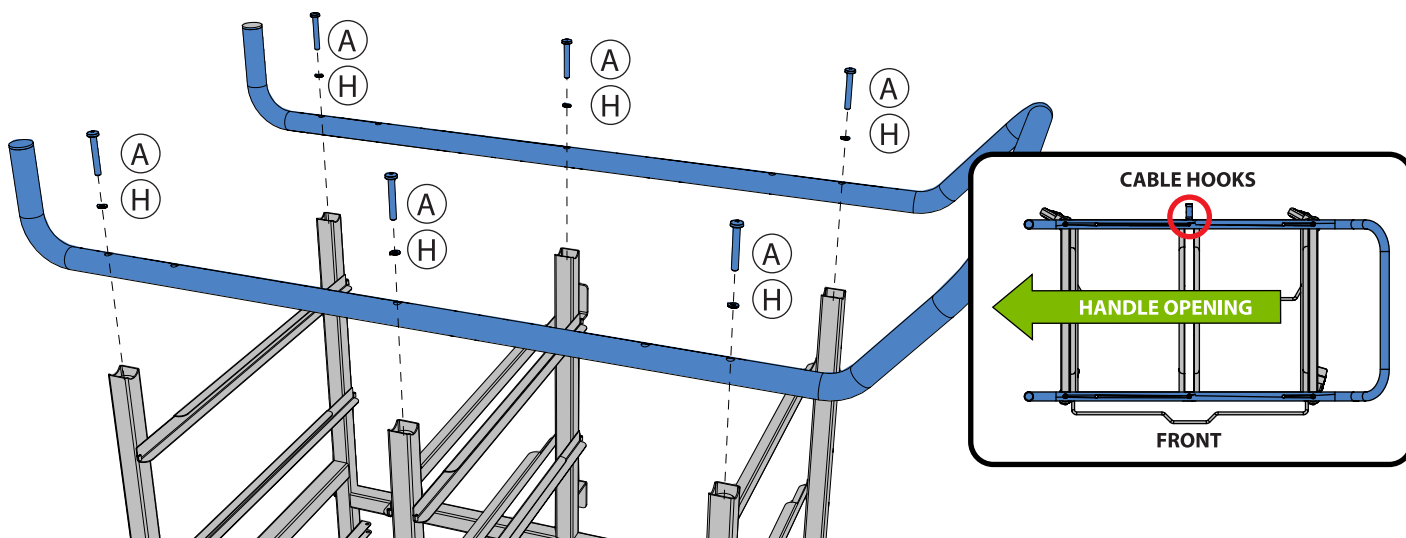
(H) x6

You will need: (Not to Scale)

Allen Key
x1Handle
x1

Attach Handle

Note orientation of handle in diagram.



6

Actual Size:



(A) x4



(H) x4

You will need: (Not to Scale)

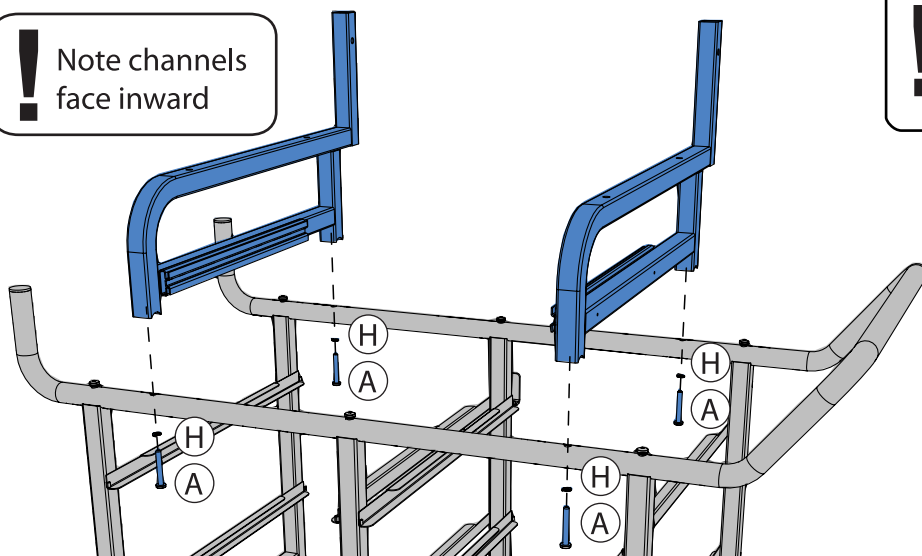
Allen Key
x1Top Drawer Stretcher
x2

Attach Top Drawer Stretchers

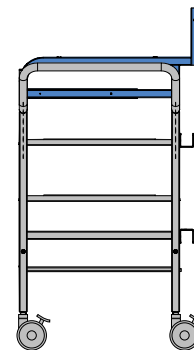
Do not fully tighten hardware until the end of Step 8.



Note channels
face inward



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

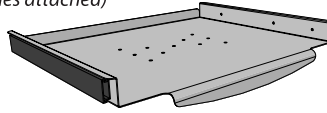


7

Actual Size:

You will need: (Not to Scale)

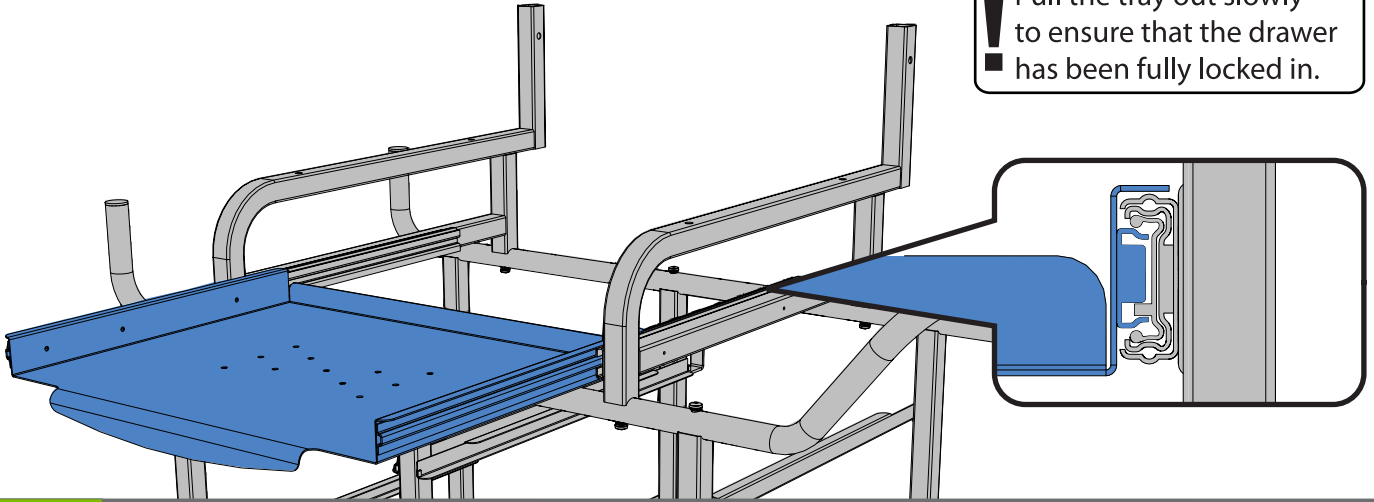
Laptop Tray
(drawer slides attached)
x1



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 x4



G x4

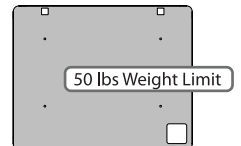
You will need: (Not to Scale)

Screwdriver



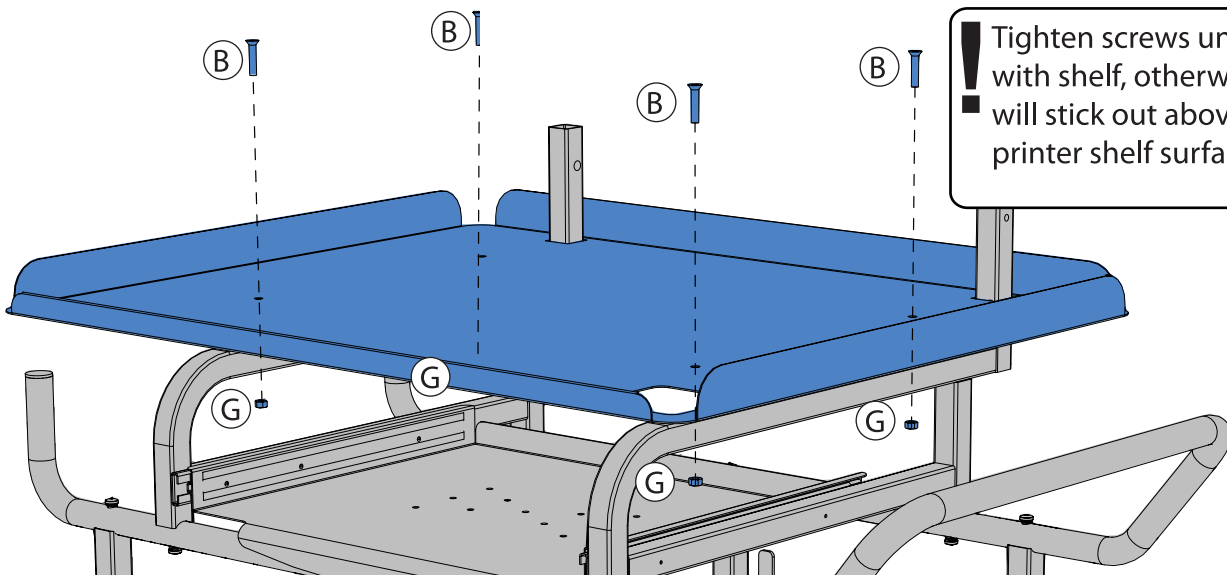
Adjustable
wrench x1

Printer Table
x1



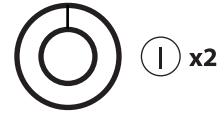
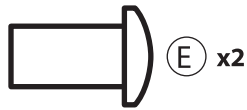
Install Printer Table.

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



9

Actual Size:

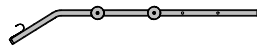


You will need: (Not to Scale)

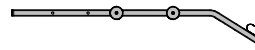
Allen Key
x2



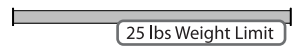
Spool Arm Holder Left
x1



Spool Arm Holder Right
x1



Spool Holder
x1



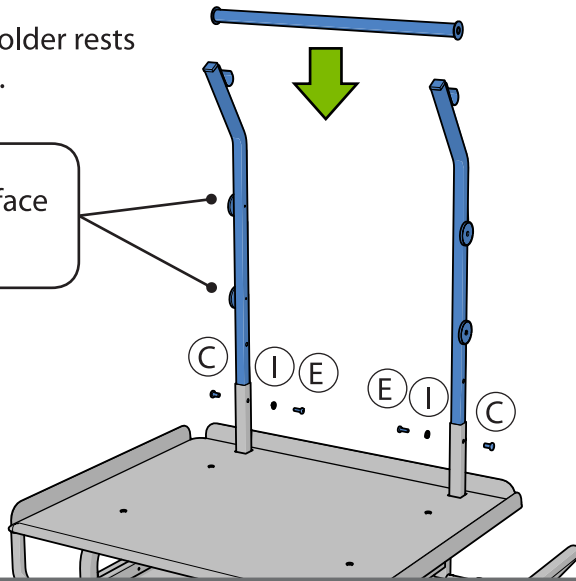
Install Spool Holder Arms.



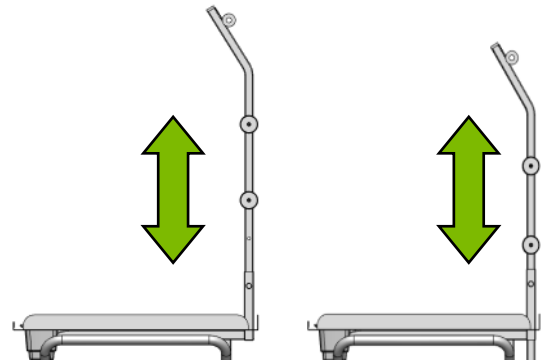
Spool holder rests
in place.



Magnets face
outward



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



10

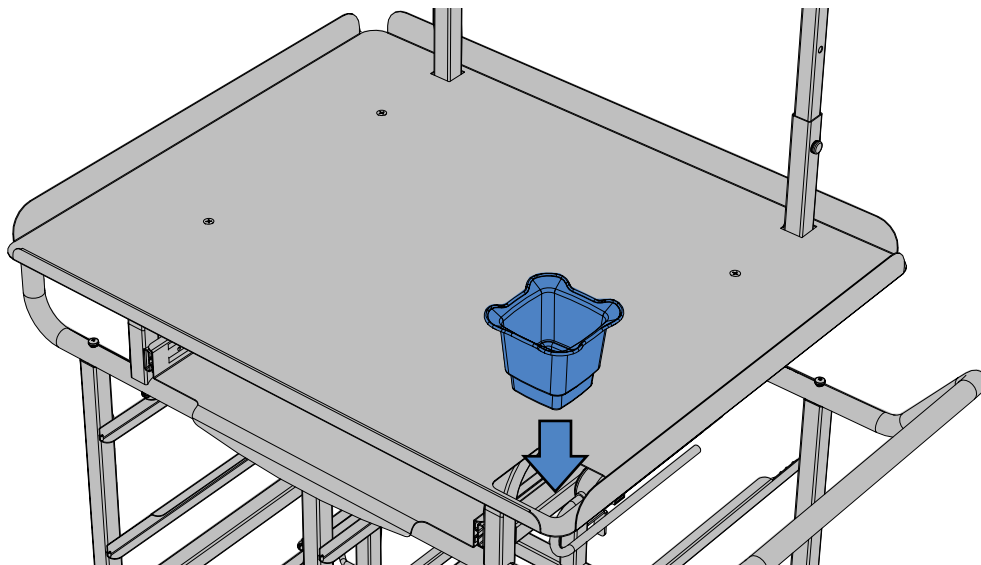
Actual Size:

You will need: (Not to Scale)

Tiny Tub
x1
(Cc4072)

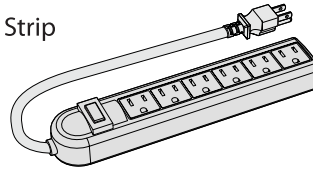


Install Tiny Tub in holder.

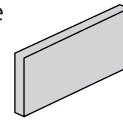


You will need: (Not to Scale)

Power Strip
x1
(25515)

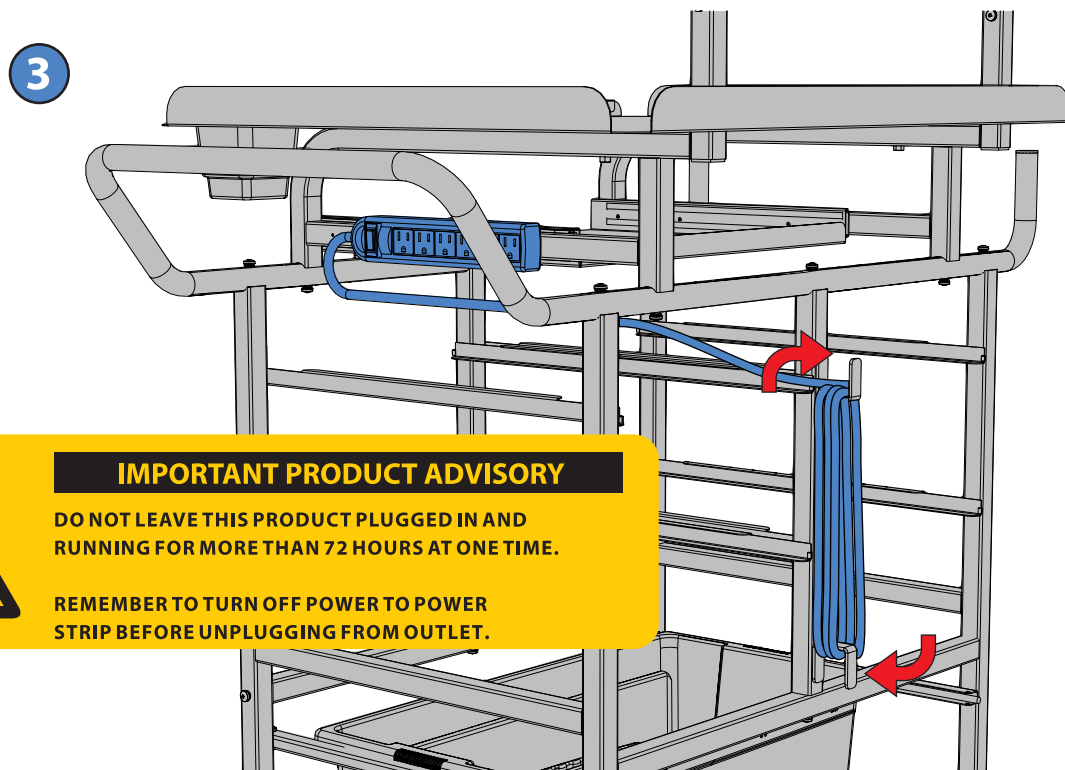
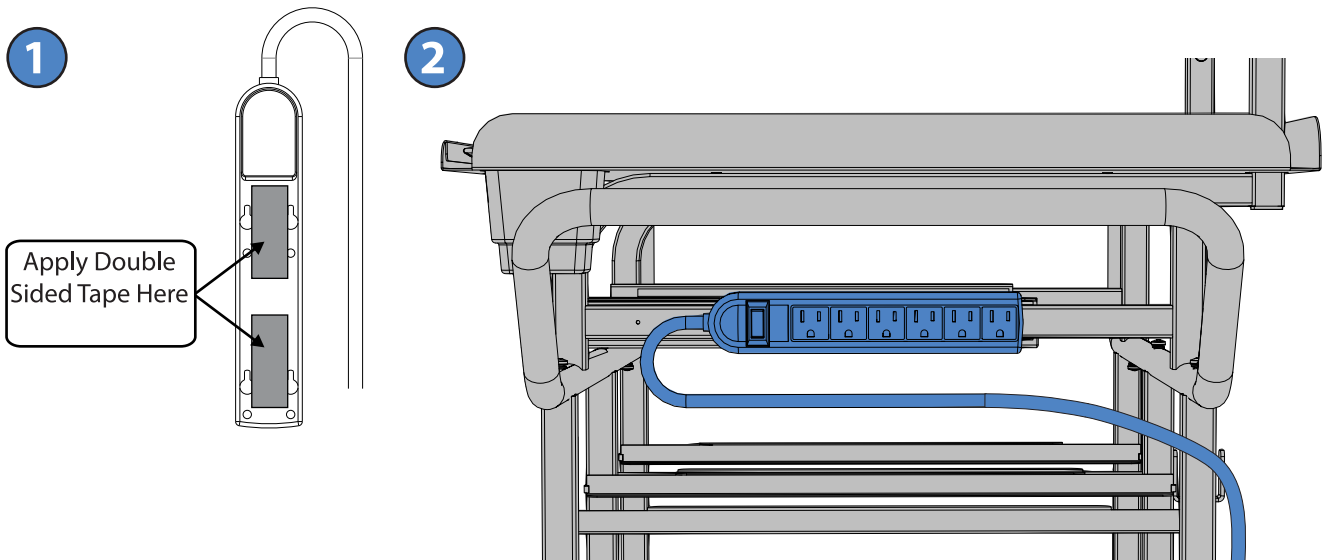


Double Sided
Foam Tape
x2



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

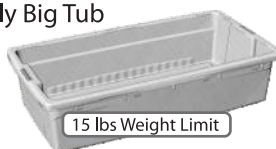
Open Tub

x4



Really Big Tub

x1



OR

TD5001

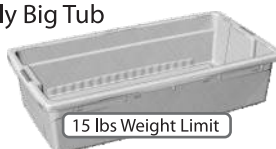
Open Tub

x2



Really Big Tub

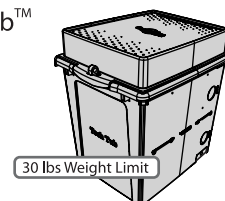
x1



Tech Tub™

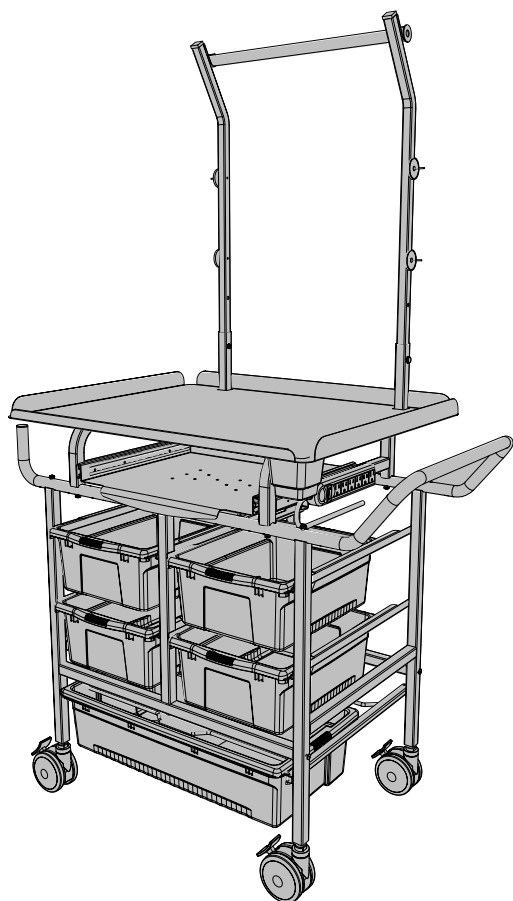
x1

(TEC57)



Install Tubs

TD5000



OR

TD5001

