3D Printer Cart

Copernicus
educational products

Assembly Guide
TD5000_TD5001_2014_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

4 Open Tubs
1 Really Big Tub

Printer and accessories not included.

TD5001

2 Open Tubs
1 Tech Tub
1 Really Big Tub

Printer and accessories not included.

Please Recycle

⚠ 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.

Powerbar Specifications

Read your powerbar's electrical specifications. Only plug in devices that are approved for use with this powerbar. Connect the supplied power bar directly to a wall outlet. **Do not connect to another power bar or use an extension cord.** Unplug when not in use.
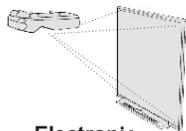
Electronic Equipment

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 lightening storm.

Climb Hazard

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

3D Printer Cart - *Parts*

Before beginning, you should have:

Additional tools required:

Screwdriver
⊕ OR ▢

Contents - Box 1

In Box 1

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

4" Caster without
Brakes
2x (41014)

Spool Arm Holder Right
1x (51089)

Side Frame
2x (51087)

Middle Frame
1x (51088)

Spool Arm Holder Left
1x (51089)

Handle
1x (33093)

Stretcher
2x (33092)

Top Drawer Stretcher
Left & Right
2x (33094)

Spool Holder
1x (33095)

Power Strip
1x (25515)

Hardware
Actual Size

(A) 1/4" x 1-3/4" Bolt
(43007)
16x

(B) 1/4"-20 x 1 1/4" Bolt
(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
(430162)
4x

(H) 1/4" Lock Washer
(43010)
16x

(I) M8 Washer
(43274)
2x

(J) Caster Lock Washer
(4301012)
4x

Allen Key
(Not to Scale)
2x

TD5000 - BOX 2

Laptop Tray
(drawer slides attached)
1x (32060)
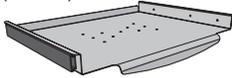
Open Tub
4x
(CC4068-B)
10 lbs Weight Limit
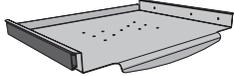
Tiny Tub
1x
(CC4072-G)

Printer Table
1x (32061)

Really Big Tub
1x
(CC4073-B)
15 lbs Weight Limit

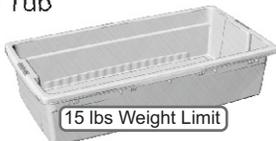Really Big Tub Frame
1x (31091)

OR

TD5001 - BOX 2

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

Open Tub
2x
(CC4068-B)
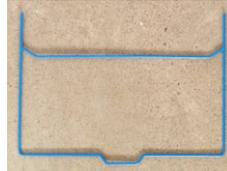10 lbs Weight Limit

Tiny Tub
1x
(CC4072-G)

Really Big Tub
1x
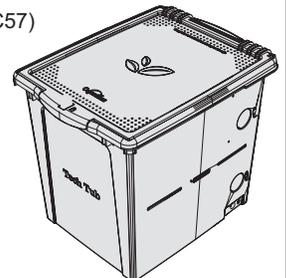(CC4073-B)
15 lbs Weight Limit

Printer Table
1x (32061)

Really Big Tub Frame
1x (31091)

+

TD5001 - BOX 3

Tech Tub™
1x
(TEC57)

Tips for Assembly - Using this Manual

Watch for These Helpful Symbols

2 Person

- 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

hmmm

- 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.

Validate Your Warranty On-Line

5 Year Frame Warranty **Life Time** Tub Warranty

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

Copernicus
educational products

Assembly Guide
TD5000_TD5001_2014_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

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 frame:
- The height adjust system is not working.
- The projector mount cannot be rotated.

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 vanessa@copernicused.com

Need Tech Support?
Have a Question?

Email our Tech Support Service

1	Actual Size:	(A) **2x**	(H) **2x**

You will need: (Not to Scale)

Side Frame **1x**

Stretcher **2x**

Attach Stretchers to Side Frame

(A) (H)

(A) (H)
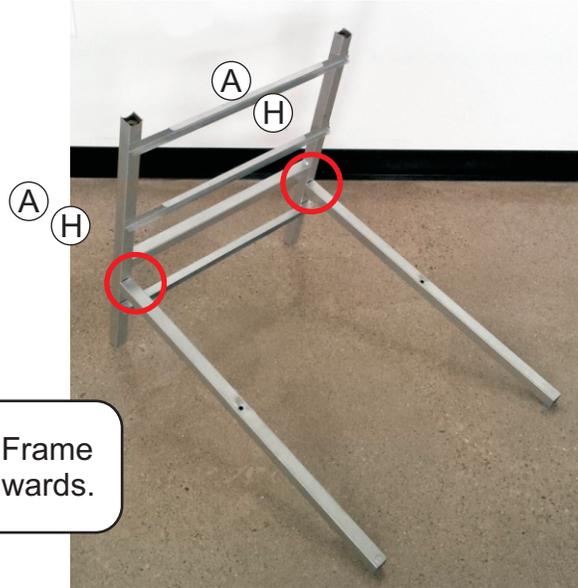
> **!** Make sure Side Frame channels face inwards.

2	Actual Size:	(A) **2x**	(H) **2x**

You will need: (Not to Scale)

Side Frame **1x**

Attach other Side Frame

> Note holes face upwards.

(H) (A)

(H) (A)
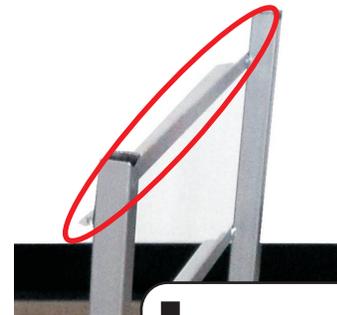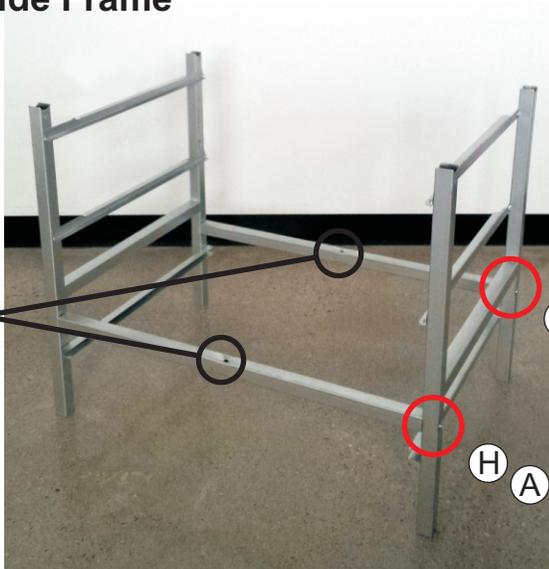
> **!** Make sure Side Frame channels face inwards.

| 3 | Actual Size: | A 2x | H 2x |

You will need: (Not to Scale)

Middle Frame
1x

Attach Middle Frame

Position main frame upside down to attach Middle Frame.

A
H
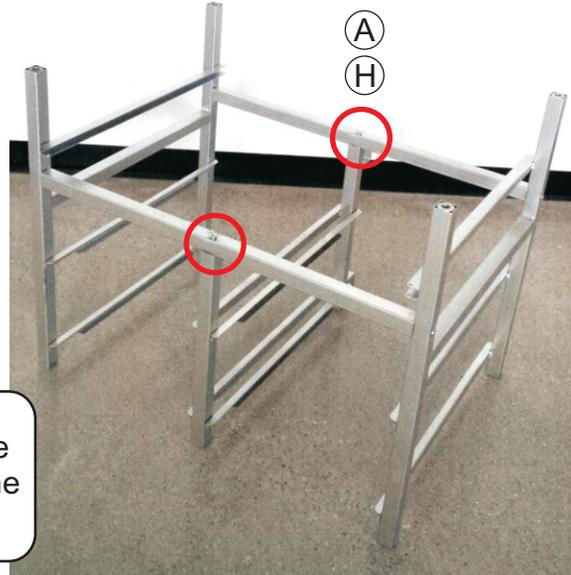
! Install Middle Frame with hooks facing the back of cart.
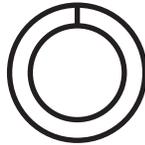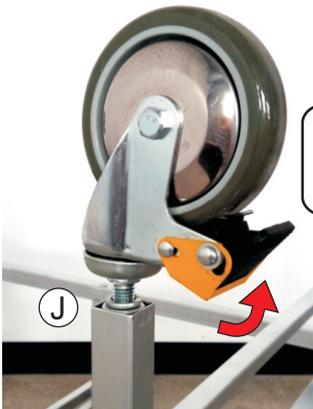
| 4 | Actual Size: | J 4x |

You will need: (Not to Scale)

4" Caster With Brake & Safety Pinch Point Cover
4x

Install Casters

Screw casters into bottom of Side Frame. Locking caster are put on opposite side of cable wrap.

J

! Lock all casters then tighten by hand.

5

Actual Size:

⟿	D **2x**	⬡	F **2x**

You will need: (Not to Scale)
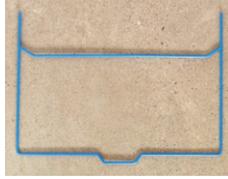
Really Big Tub Frame
1x

Install Really Big Tub Frame

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

D
F

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

6

Actual Size:
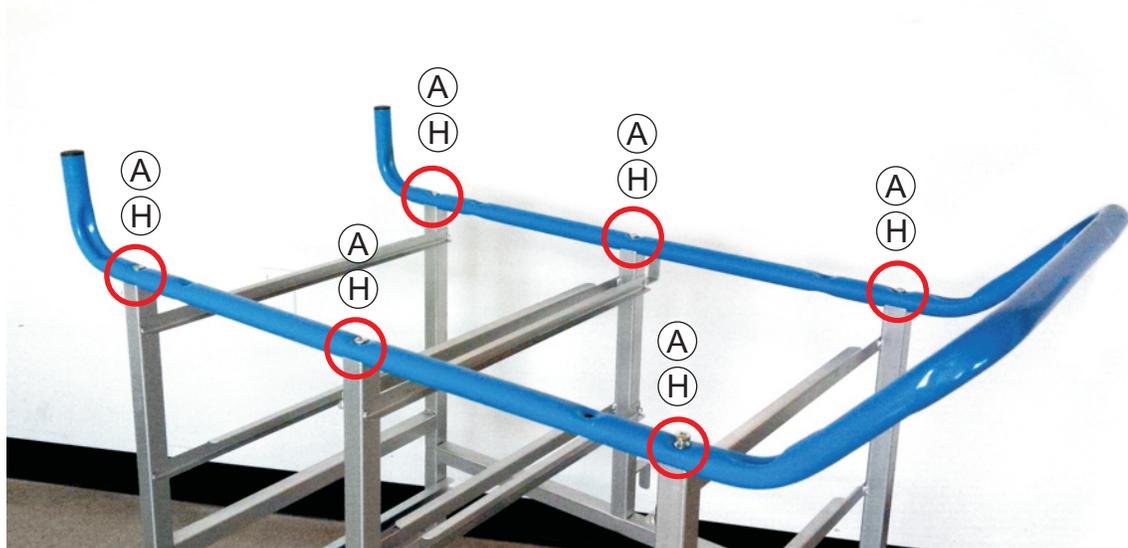
⟿	A **6x**	◎	H **6x**

You will need: (Not to Scale)

Handle
1x

Attach Handle

Actual Size:

(A) **4x**   (H) **4x**

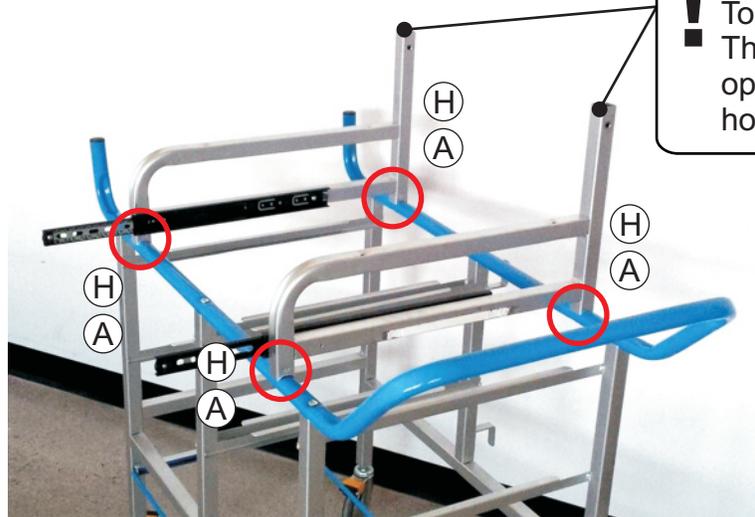You will need: (Not to Scale)

Top Drawer Stretcher
2x

Attach Top Drawer Stretchers

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

! Note orientation of Top Drawer Stretchers. They face front of cart, opposite to the cable hooks on the back.
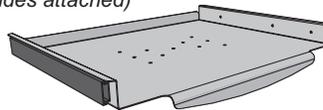
(H)
(A)

(H)
(A)

(H)
(A)

! Note channels face inward

(H)
(A)

Actual Size:

You will need: (Not to Scale)

Laptop Tray
(drawer slides attached)
1x

Install Laptop Tray

Slide Laptop Tray into drawer slides. Tighten hardware from Step 7.

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

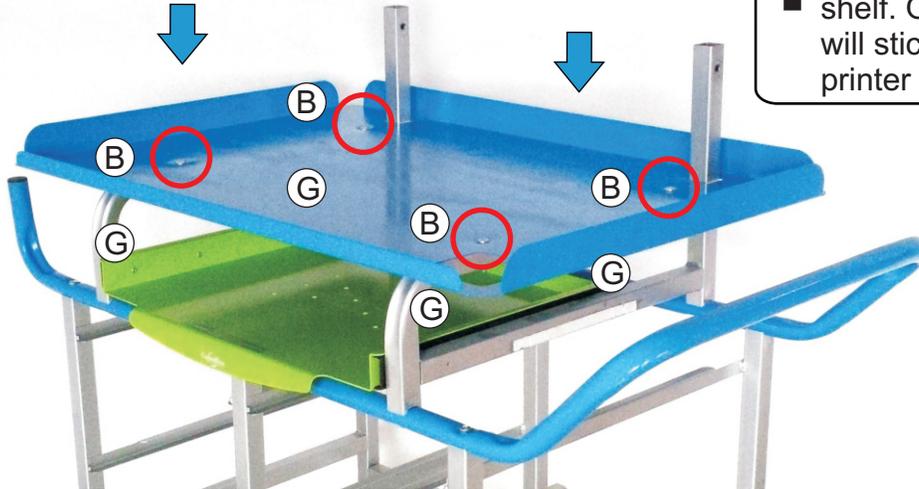| **9**	Actual Size:

(B) **4x**   (G) **4x**

You will need: (Not to Scale)

Printer Table
1x
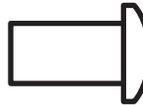
Install Printer Table

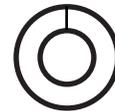! Tighten screws to make them flush with shelf. Otherwise they will stick out above printer shelf.

(B) (B) (B) (B) (G) (G) (G) (G)

10	Actual Size:

(E) **2x**   (C) **2x**   (I) **2x**

You will need: (Not to Scale)

Spool Holder
1x

Spool Arm Holder
2x

Install Spool Holder Arms

★ Spool holder rests in place.

! Magnets face outward

(C) (I) (E) (E) (I) (C)
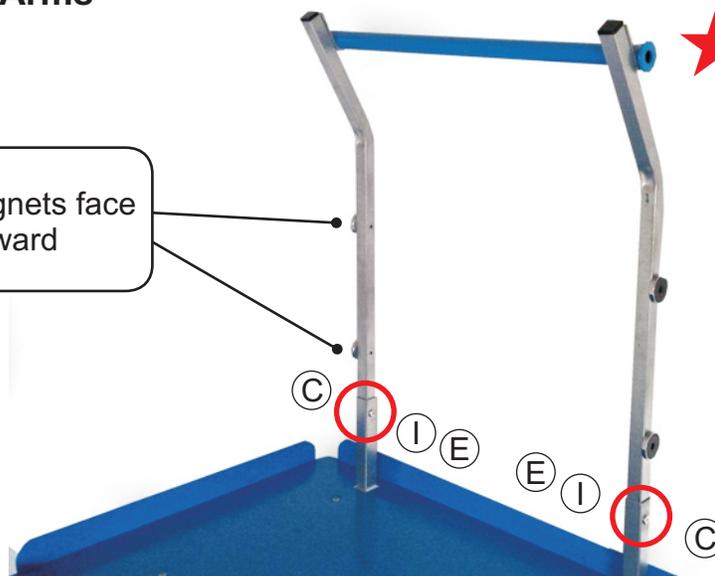
11	Actual Size:
	You will need: (Not to Scale)
	Tiny Tub **1x** (CC4072)

Install Tiny Tub in Holder
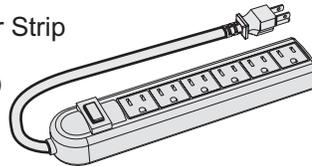

12	Actual Size:
	You will need: (Not to Scale)
	Power Strip **1x** (25515)

Attach Power Bar

Attach Power Bar to the cart by using the supplied double sided tape. Install on the same side as the handle. Install on the be stretcher shown below. Wrap cord around hooks on back of unit.
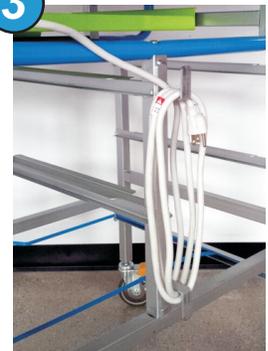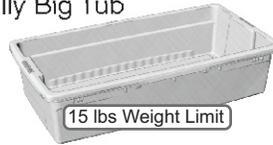
1

2

3

13

Actual Size:

You will need: (Not to Scale)

TD5000

Open Tub
4x

10 lbs Weight Limit

Really Big Tub
1x

15 lbs Weight Limit

OR

TD5001

Open Tub
4x

10 lbs Weight Limit

Really Big Tub
1x

15 lbs Weight Limit
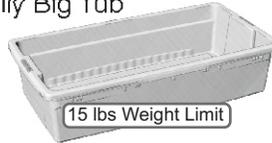
Tech Tub™
1x
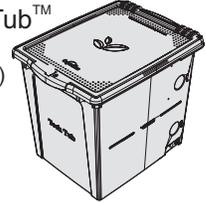(TEC57)

Install Tubs

TD5000

OR

TD5001

Printer and accessories not included.

Printer and accessories not included.