



Assembly Guide

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

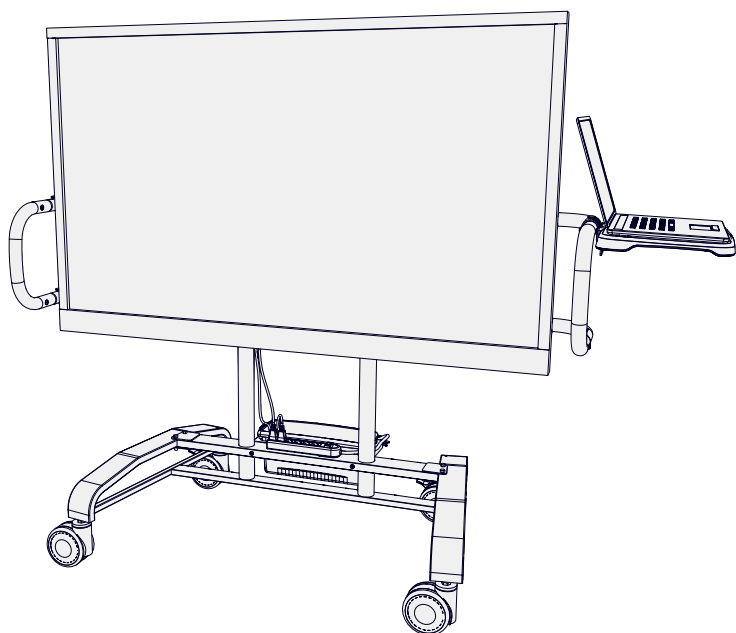
For assistance, please contact us by telephone at **1-800-267-8494** or email at info@copernicused.com.
Have your packing slip ready for reference.

WARNING

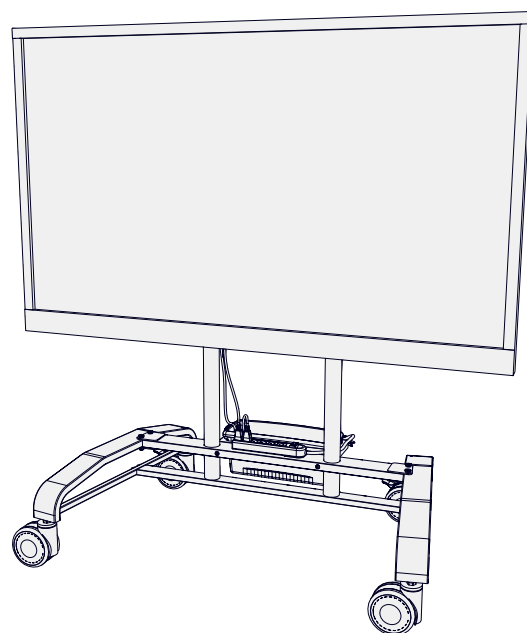


- This product is meant to be assembled by an adult.
- In its unassembled state, small parts present a hazard.
- To be used under direct supervision of an adult.
- This cart is intended for institutional use.

**iRover2™ for Interactive Flat Panels
(IFP500)**



**iRover2™ for Interactive Flat Panels
- Without Handles
(IFP501)**



*Shown with SMART MX265 Flat Panel (sold separately)

*Laptop not included



Warning – Supports a maximum screen size of 86".

Warning – For use with flat panel screens weighing 250 lbs (113.4 Kg) or less. Use with heavier flat panel screens may result in instability causing tip over resulting in death or serious injury.



Avertissement – Peut supporter une taille d'écran maximale de 86".

Avertissement – À utiliser seulement avec des écrans plats pesant jusqu'à 250 lb (113,4 kg) ou moins. L'utilisation avec des écrans plats plus lourds peut causer une instabilité provoquant un basculement qui risque la mort ou des blessures graves.

Customer Service & Warranty Information

Dear Educator,

Thank you for purchasing the iRover2™ for Interactive Flat Panels. We hope it meets your expectations and you and your students enjoy using it at your school.

Every day we see and hear stories of teachers going above and beyond to help students thrive. Thank you so much for all you do – you are awesome, and you make a difference.

Thank you for inspiring us.

If you have any questions, concerns or ideas on how we can improve please let us know by contacting our Customer Solutions Ninjas at 1-800-267-8494 or info@copernicused.com.

Happy teaching,

Kaylyn Belcourt, President
kaylyn@copernicused.com



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

- NATIVE 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

For missing parts and other issues regarding your product:

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

Telephone: 1-800-267-8494, Monday - Friday 8:00am - 4:30 pm EST

Email: info@copernicused.com

**Need Support?
Have a Question?**



[Email Customer Service](mailto:info@copernicused.com)

**Check out some of our
other great products!**



www.copernicused.com

My flat panel isn't working, who should I call?

Please contact the reseller that you bought the product from.

Reseller information can be found on your packing slip.

Lifetime
Frame Warranty

Register your Product

Registering your warranty ensures we have all the information we need to make any future warranty claims quick and easy. Please visit www.copernicused.com/warranty and complete the form within 10 business days from product assembly. By registering your product, you will be entered into a draw to win Copernicus product.

5 Year
Electric Lift
Warranty

Make a Warranty Claim

We offer a Lifetime Warranty on almost everything we make. Please call 1-800-267-8494 or email info@copernicused.com to start your warranty claim. Proof of purchase will be required upon warranty claim (i.e. copy of invoice).

Tips for Assembly

Before You Begin:

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

As You Assemble the Unit:

- Follow the steps in sequence.
- Before beginning each step, find the part(s) that you need for that step.
- The title of each step states what you will be doing. Review the text and the pictures as you build the unit.

Watch for These Helpful Symbols:



For safety, please have someone help you when working on steps displaying this symbol.



The symbol denotes a step needing extra attention to ensure it is done correctly.



Important Information! Warning!

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.



Climb Hazard

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



Indoor Use Only

This product is intended for indoor commercial 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. Turn off power strip before unplugging. 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 lightning storm.

Parts (IFP500)

Before beginning, you should have:

Additional tools required:

Adjustable Wrench (2x)



OR

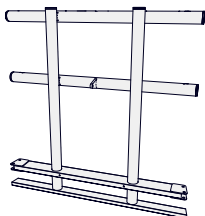
7/16" Wrench (1x)
M13 Wrench (1x)

+

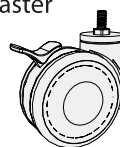
Screwdriver
⊕ Phillips #2 or #3

Contents IFP500-0

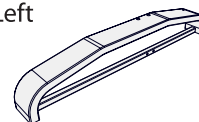
Base Frame
(511011)
1x



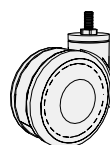
5" Locking Caster
(410065)
2x



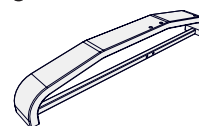
Base Foot Left
(33188L)
1x



5" Caster
(410066)
2x

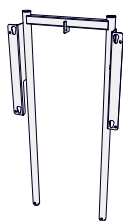


Base Foot Right
(33188R)
1x

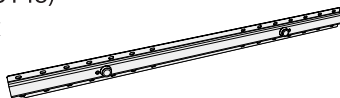


Contents IFP500-1

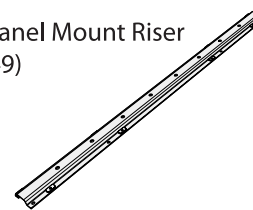
Simplified Moving
Frame
(33161)
1x



Flat Panel Mount Stretcher
(33148)
2x

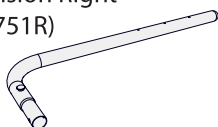


Flat Panel Mount Riser
(33149)
2x

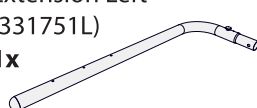


Contents IFP500-2

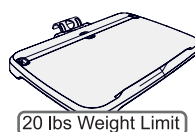
Protective Handle
Extension Right
(331751R)
1x



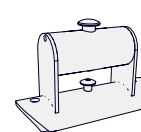
Protective Handle
Extension Left
(331751L)
1x



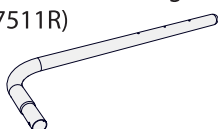
Laptop Tray
1x



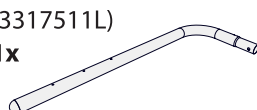
Laptop Tray Rear
Mount
(340861)
1x



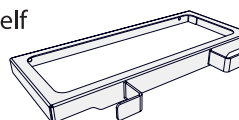
Protective Handle
Extension Bottom Right
(3317511R)
1x



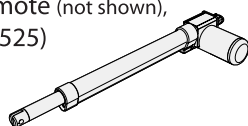
Protective Handle
Extension Bottom Left
(3317511L)
1x



Bottom Shelf
(32340)
1x



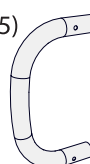
Electric Lift,
Adapter (not shown),
Remote (not shown),
(25525)
1x



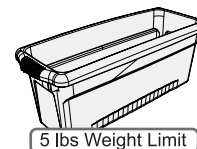
Power Strip
(25515)
1x



Protective Handle
Front
(33175)
2x



Small Tub
(CC4070-B)
1x



Hardware inside this box

Parts (IFP501)

Before beginning, you should have:

Additional tools required:

Adjustable Wrench (2x)



OR

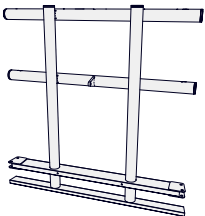
7/16" Wrench (1x)
M13 Wrench (1x)

+

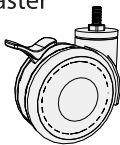
Screwdriver
⊕ Phillips #2 or #3

Contents IFP500-0

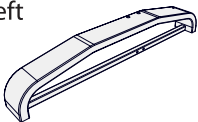
Base Frame
(511011)
1x



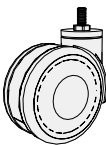
5" Locking Caster
(410065)
2x



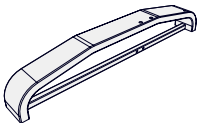
Base Foot Left
(33188L)
1x



5" Caster
(410066)
2x

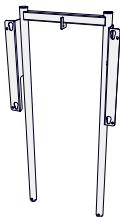


Base Foot Right
(33188R)
1x

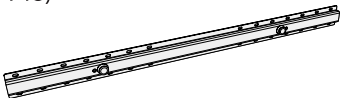


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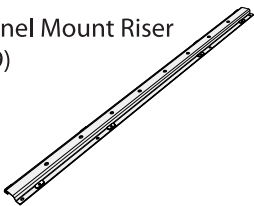
Simplified Moving
Frame
(33161)
1x



Flat Panel Mount Stretcher
(33148)
2x

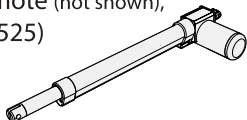


Flat Panel Mount Riser
(33149)
2x

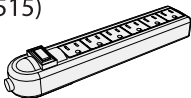


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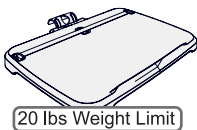
Electric Lift,
Adapter (not shown),
Remote (not shown),
(25525)
1x



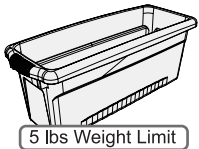
Power Strip
(25515)
1x



Laptop Tray
1x



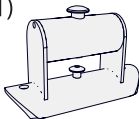
Small Tub
(CC4070-B)
1x



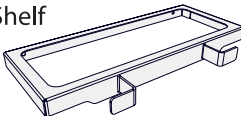
Laptop Tray
1x



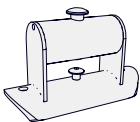
Laptop Tray Rear
Mount
(340861)
1x



Bottom Shelf
(32340)
1x



Laptop Tray Rear
Mount
(340861)
1x

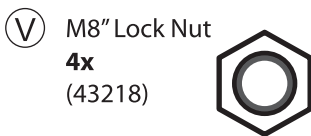
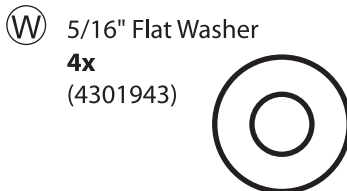
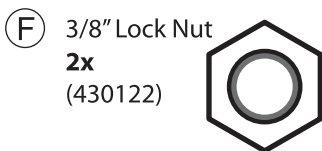
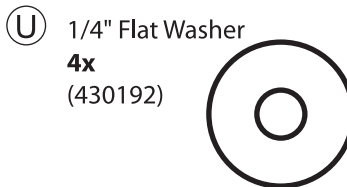
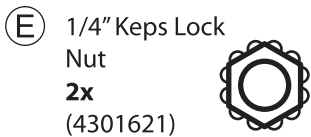
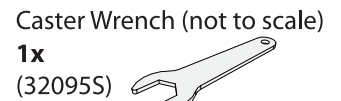
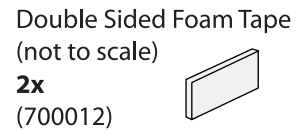
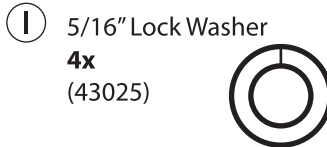
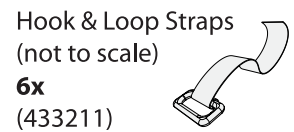
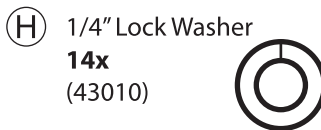
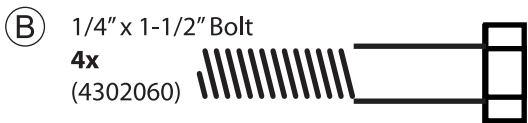
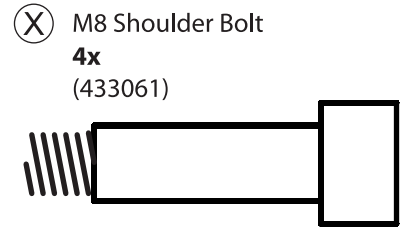
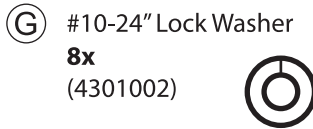
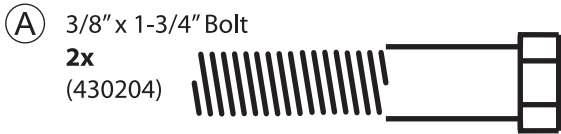


Hardware inside this box

Hardware

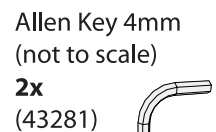
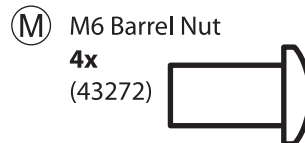
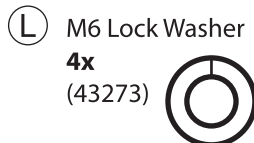
Before beginning, you should have:

Hardware
Actual Size



... more hardware on following page

Metric Hardware for Protective Handles (not included with IFP501)



Hardware


Before beginning, you should have:

Hardware
Actual Size

Metric Hardware for VESA Mounting


N

M6 x 15mm VESA Screw
4x
(432151)




O

M6 x 20mm VESA Screw
4x
(43222)




P

M8 x 15mm VESA Screw
4x
(432764)




Q

M8 x 25mm VESA Screw
4x
(432765)



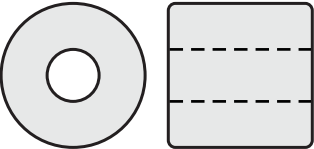
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

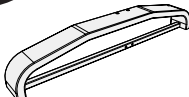
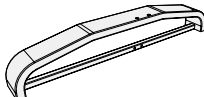
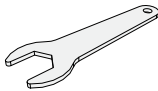
M8 x 40mm
4x
(432762)



T

3/4" Spacer
4x
(4303141)



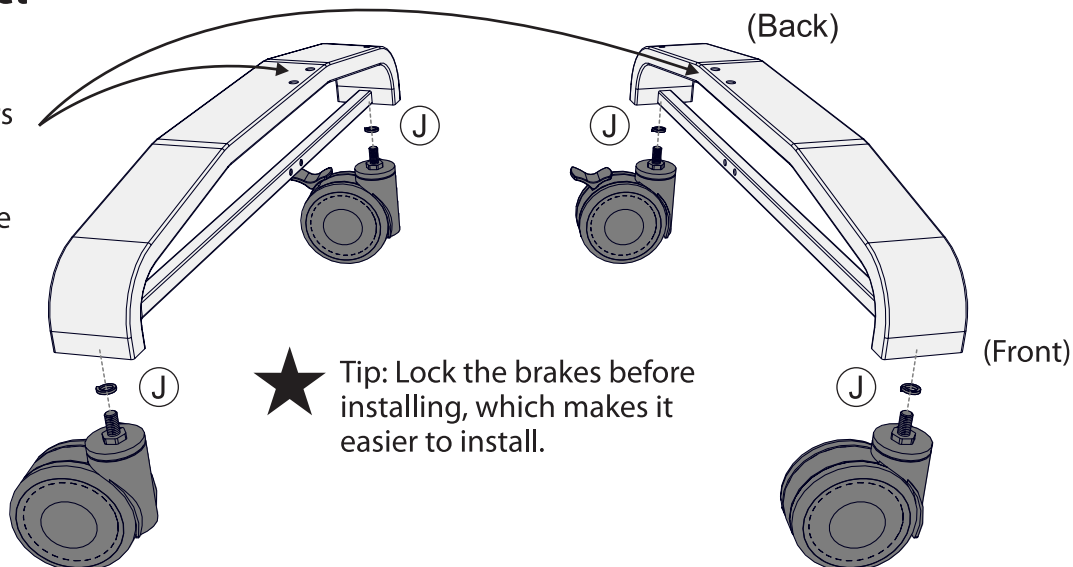
1	Actual Size: 
	You will need: (Not to Scale) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  5" Caster 2x </div> <div style="text-align: center;">  5" Locking Caster 2x </div> <div style="text-align: center;">  Base Foot Left 1x </div> <div style="text-align: center;">  Base Foot Right 1x </div> <div style="text-align: center;">  Caster Wrench 1x </div> </div>

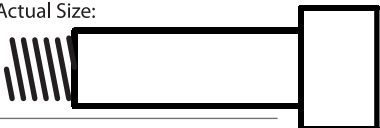
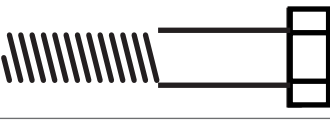



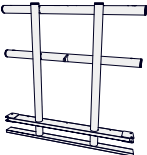


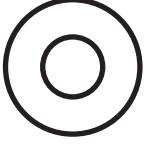

Install Casters On Feet



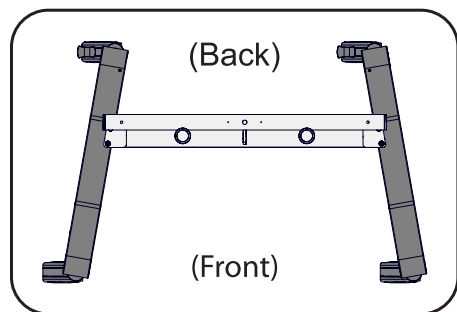
Install locking casters on back of feet.

Note: The back of the foot has holes.

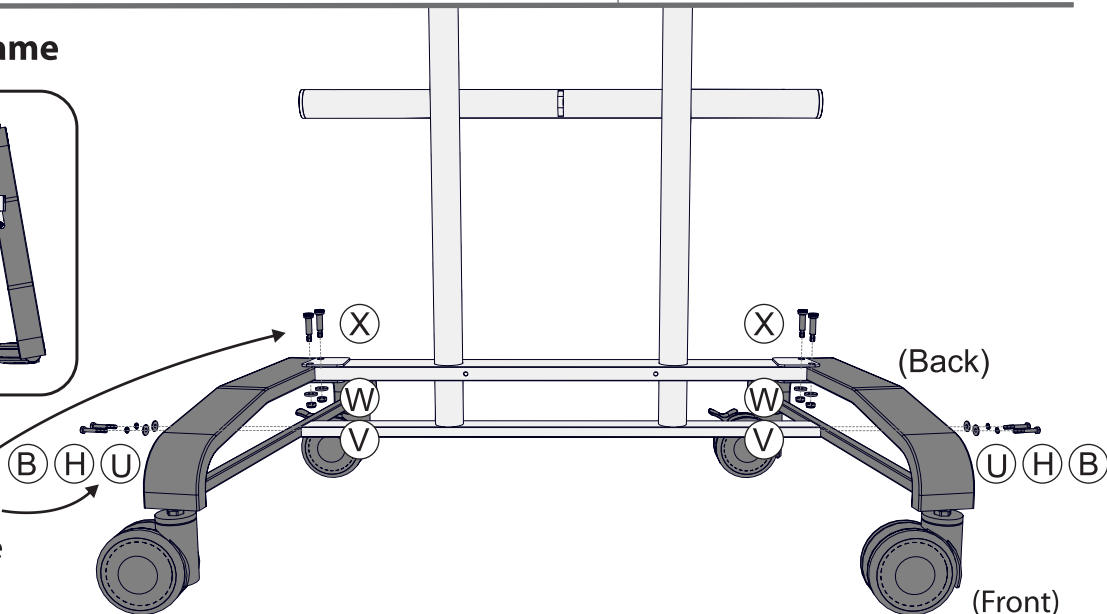


2	Actual Size:    
 2-Person Task	You will need: (Not to Scale) <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Base Frame 1x </div> <div style="text-align: center;">  Allen Key 5mm (not to scale) 1x </div> <div style="text-align: center;">  Adjustable wrench (1x) OR 7/16" Wrench (1x) M13 Wrench (1x) </div> <div style="text-align: center;">  W 4x </div> <div style="text-align: center;">  U 4x </div> </div>

Attach Feet to Base Frame



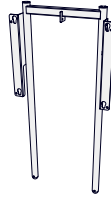
- 1) Install top hardware
- 2) Install side hardware
- 3) Tighten side hardware
- 4) Tighten top hardware



3

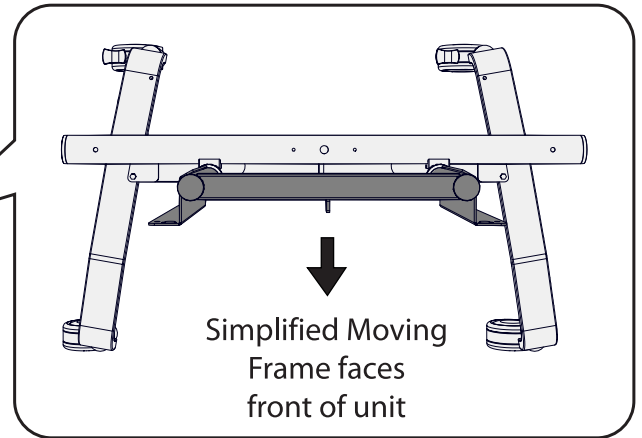
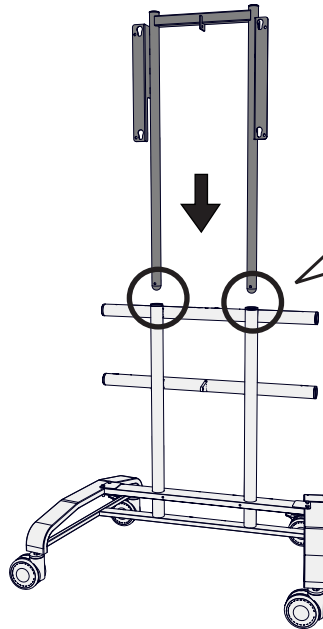
Actual Size:

You will need: (Not to Scale)



Moving Frame
1x

Install Moving Frame

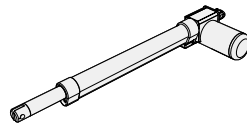


4

Actual Size:



You will need: (Not to Scale)



Electric Lift
1x

Adjustable wrench (1x)



OR

7/16" Wrench (1x)

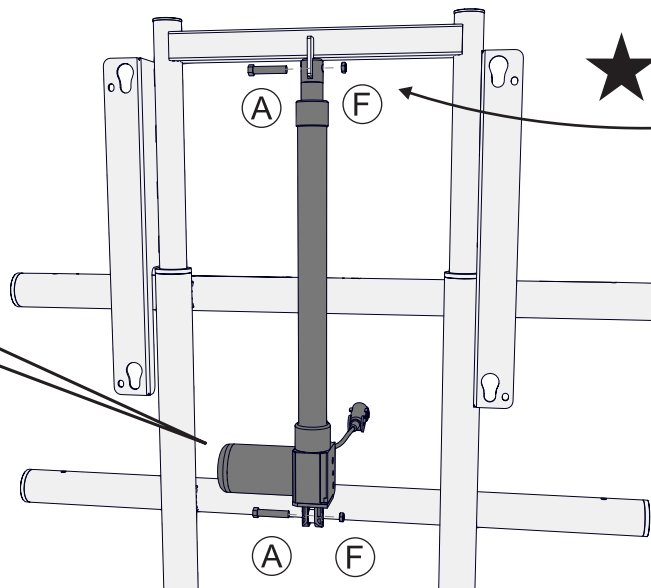
M13 Wrench (1x)

Install Electric Lift



Note orientation of
the Electric Lift

Tighten bolts



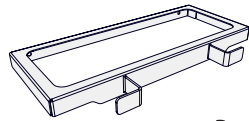
Tip: Install top bolt first

5

Actual Size:



You will need: (Not to Scale)



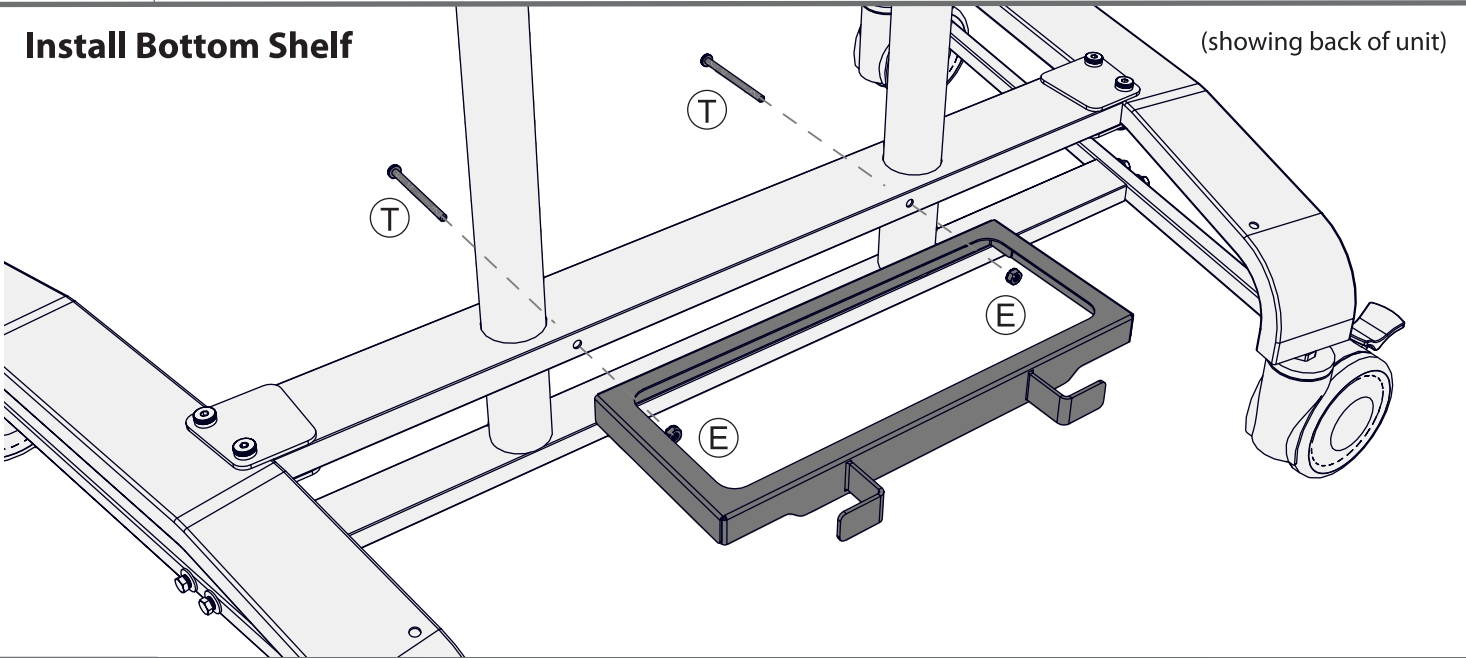
Bottom Shelf
1x

Screwdriver
⊕ Phillips #2 or #3

Adjustable wrench (1x)

OR
7/16" Wrench (1x)

Install Bottom Shelf

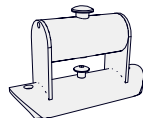


6

Actual Size:



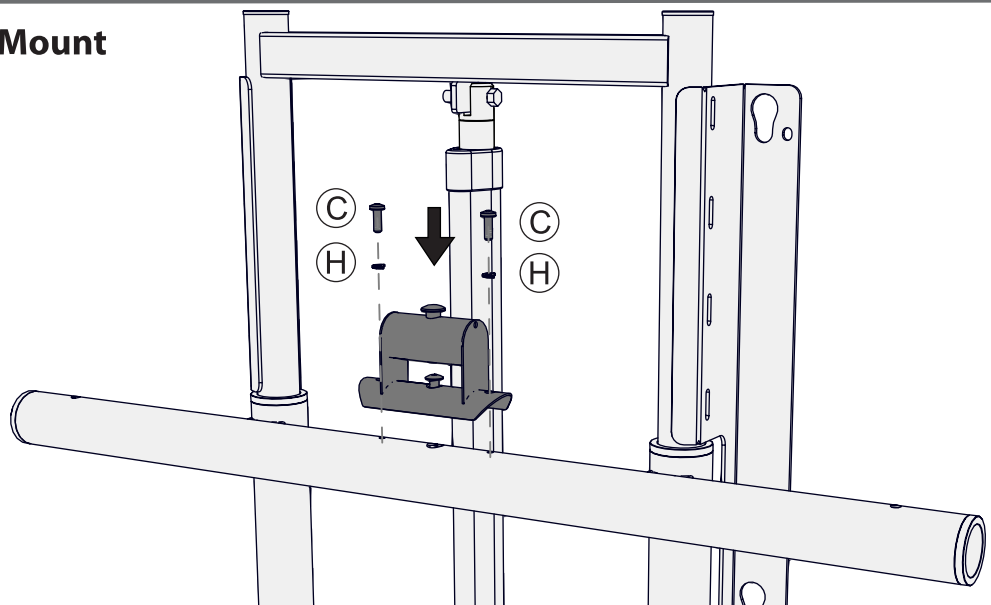
You will need: (Not to Scale)



Laptop Tray Rear Mount
1x

Screwdriver
⊕ Phillips #2 or #3

Install Rear Laptop Mount



7

Actual Size:

H
4xI
4x

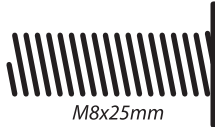
M6x15mm



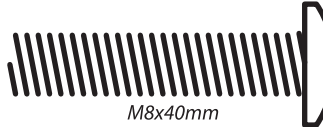
M6x20mm



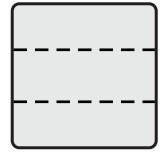
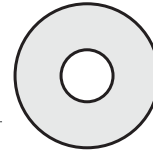
M8x15mm

P
4x

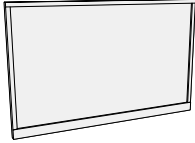
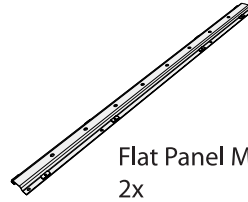
M8x25mm

Q
4x

M8x40mm

S
4xT
4x

You will need: (Not to Scale)

Compatible flat panel
(sold separately)
1xFlat Panel Mount Riser
2x

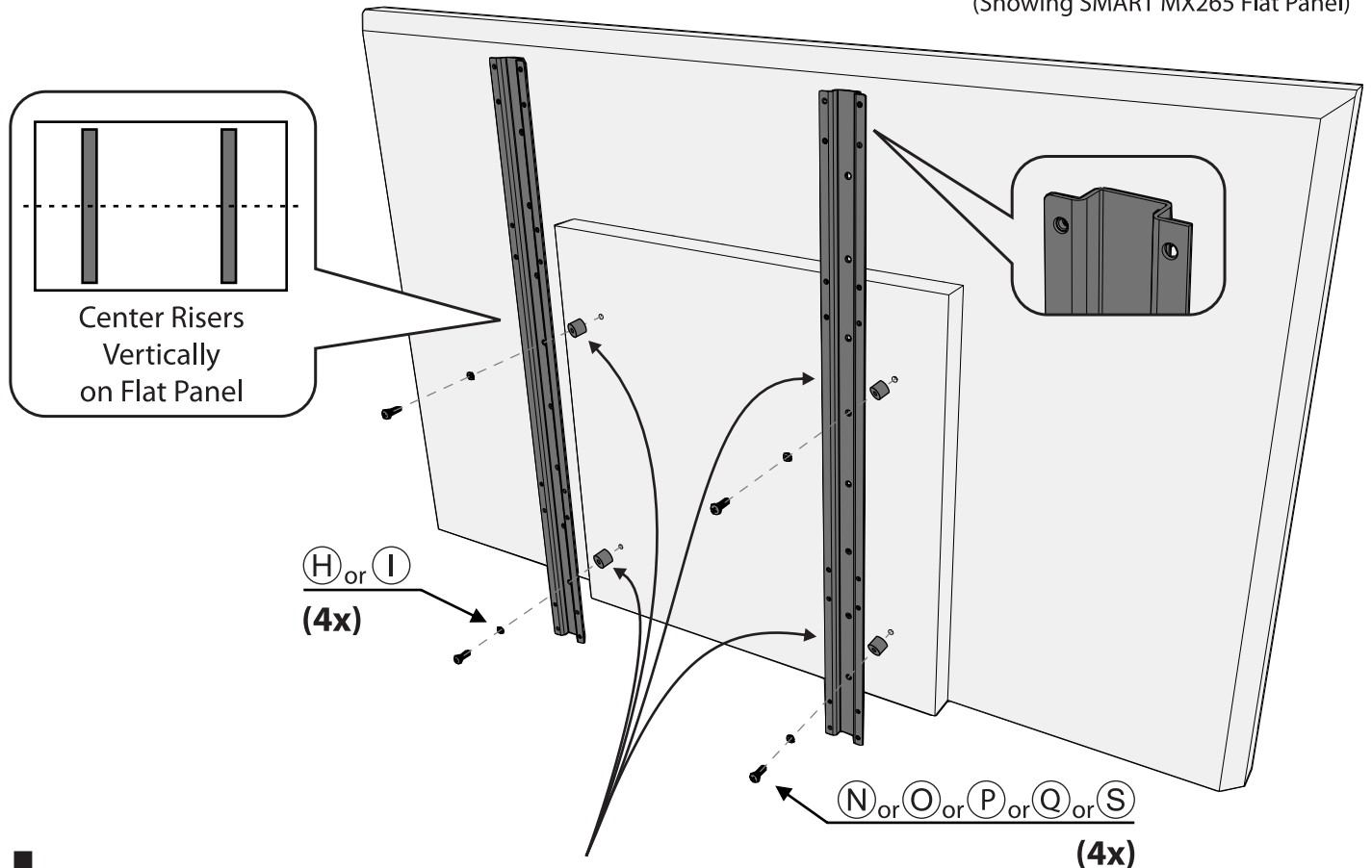
Screwdriver

+ Phillips #2 or #3

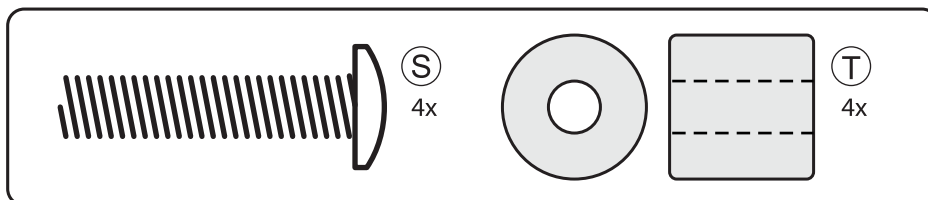
Attaching Your Flat Panel Mount Risers

- ! Check your flat panel owners manual to determine correct VESA screw size and torque specifications to avoid causing damage to your flat panel.

(Showing SMART MX265 Flat Panel)




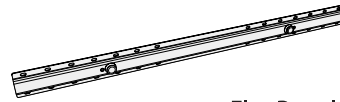
- ! For TVs without a flat back (Ex. Promethean) use the provided 3/4" spacers and longer screws. Install spacers between mount and TV.





You will need: (Not to Scale)

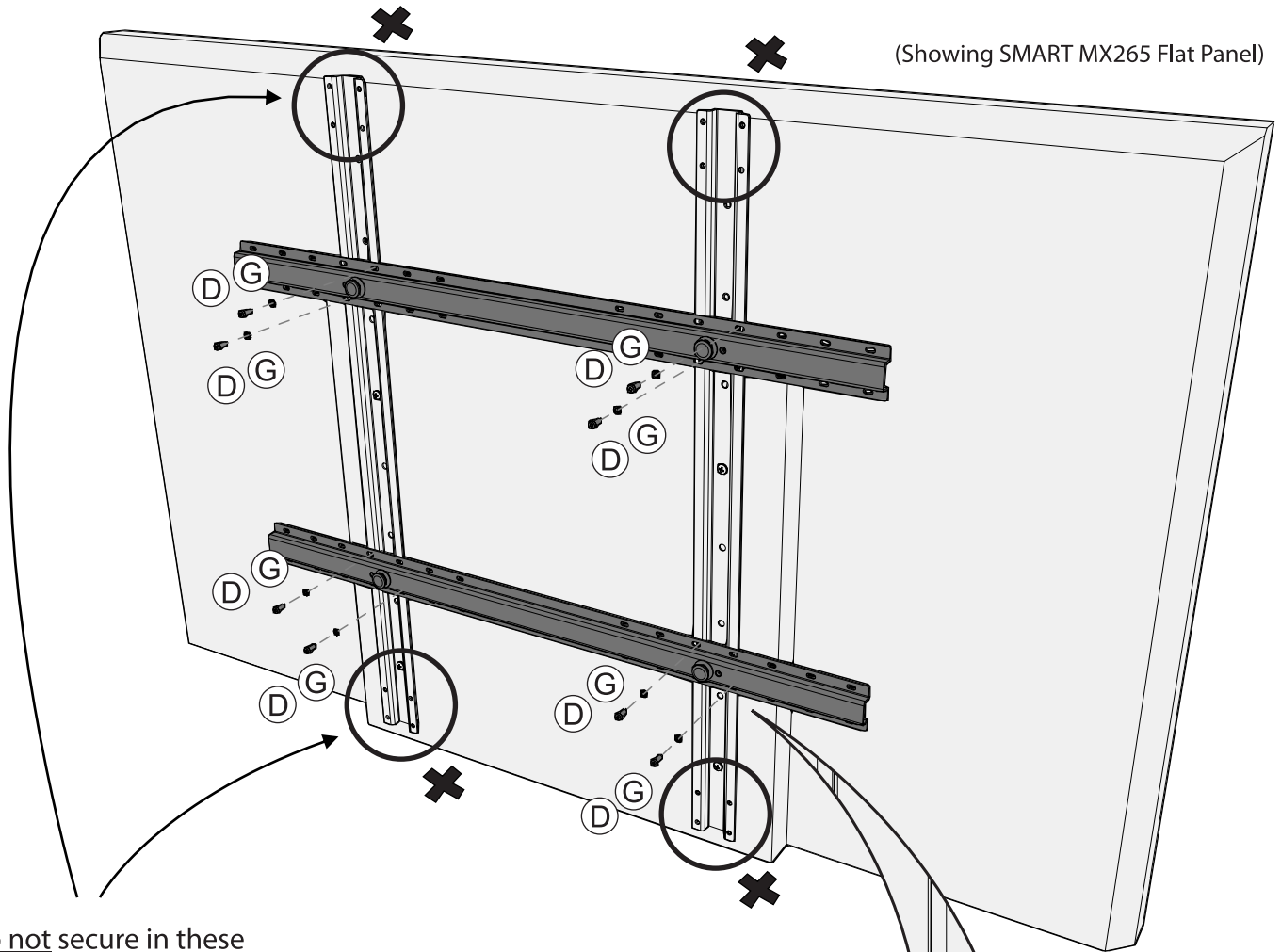
Screwdriver
 Phillips #2 or #3



Flat Panel Mount Stretcher
 2x

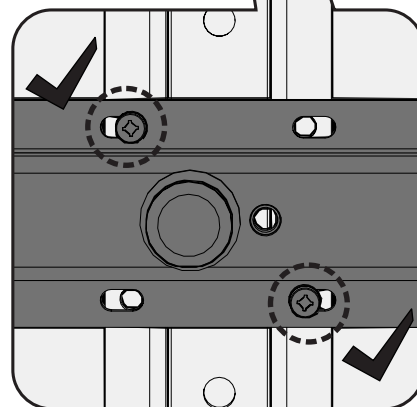
Install Flat Panel Mount Stretchers

(Showing SMART MX265 Flat Panel)



! Do not secure in these holes, they are used for attaching an optional soundbar mount

! Install screws in holes with threads, only 2 of 4 holes will have threads



9

Actual Size:



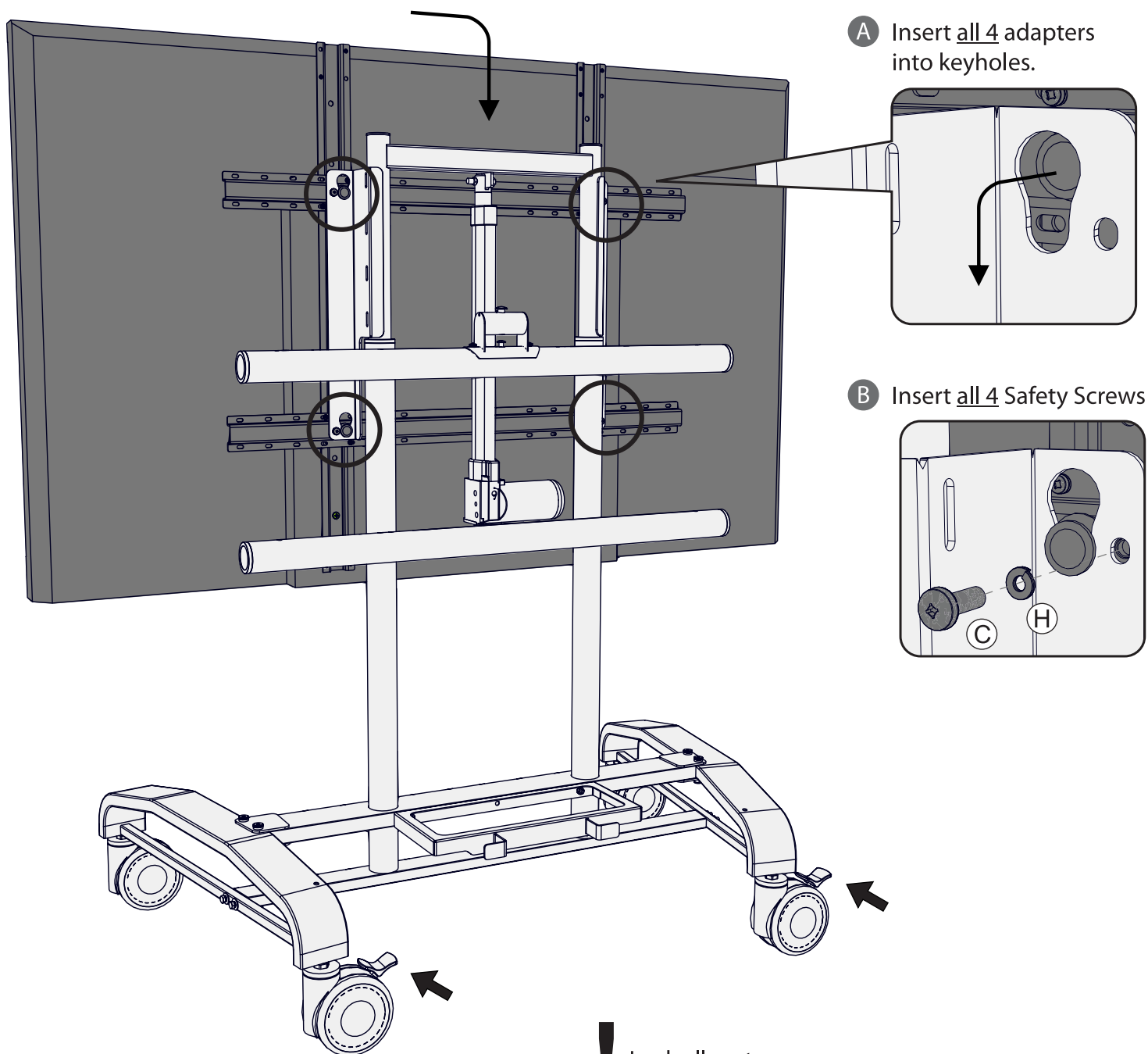
2-Person Task

You will need: (Not to Scale)

Screwdriver

⊕ Phillips #2 or #3

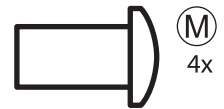
Secure Flat Panel To Cart



A Insert all 4 adapters into keyholes.

B Insert all 4 Safety Screws

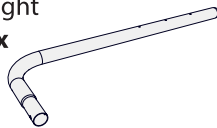
! Lock all casters before attaching flat panel to cart



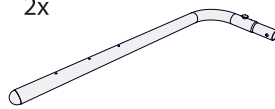
You will need: (Not to Scale)
Protective Handle
Extension Right
1x



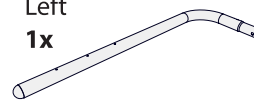
Protective Handle
Extension Bottom
Right
1x



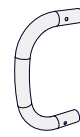
Protective Handle
Extension Left
2x



Protective Handle
Extension Bottom
Left
1x



Protective Handle
Front
2x



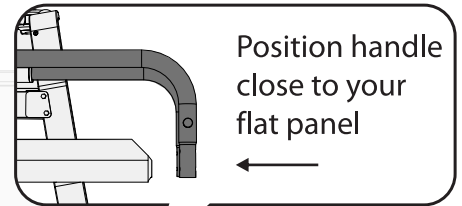
Allen Key
2x



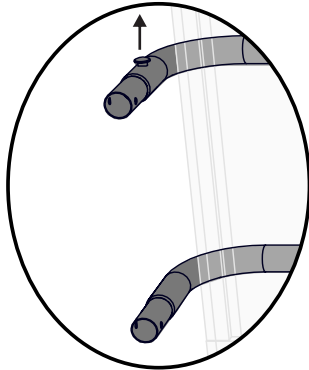
Install Protective Handles (SKIP THIS STEP IF BUILDING IFP501)

A Position & Secure Handles Extensions

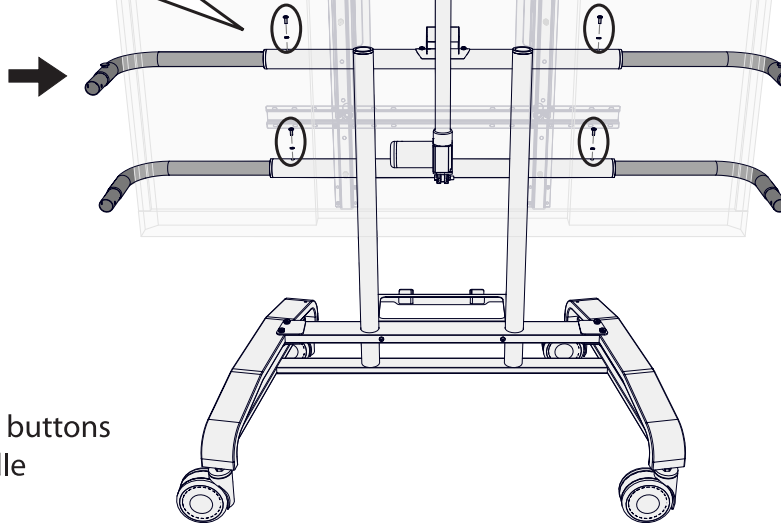
Choose handles position
and secure (4x)



Position handle
close to your
flat panel

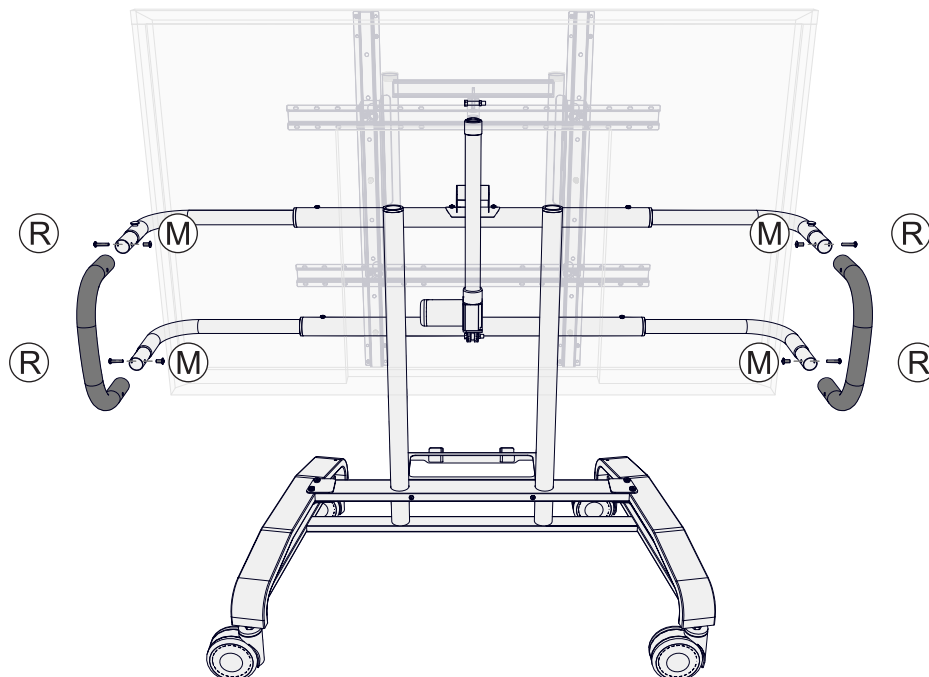


Make sure to have the buttons
facing up on top handle
when installing



Make sure to have the
buttons facing up on
top handle when
installing

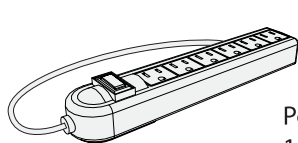
B Install Protective Handles Fronts



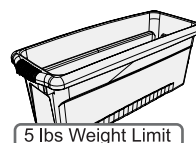
11

Actual Size:

You will need: (Not to Scale)

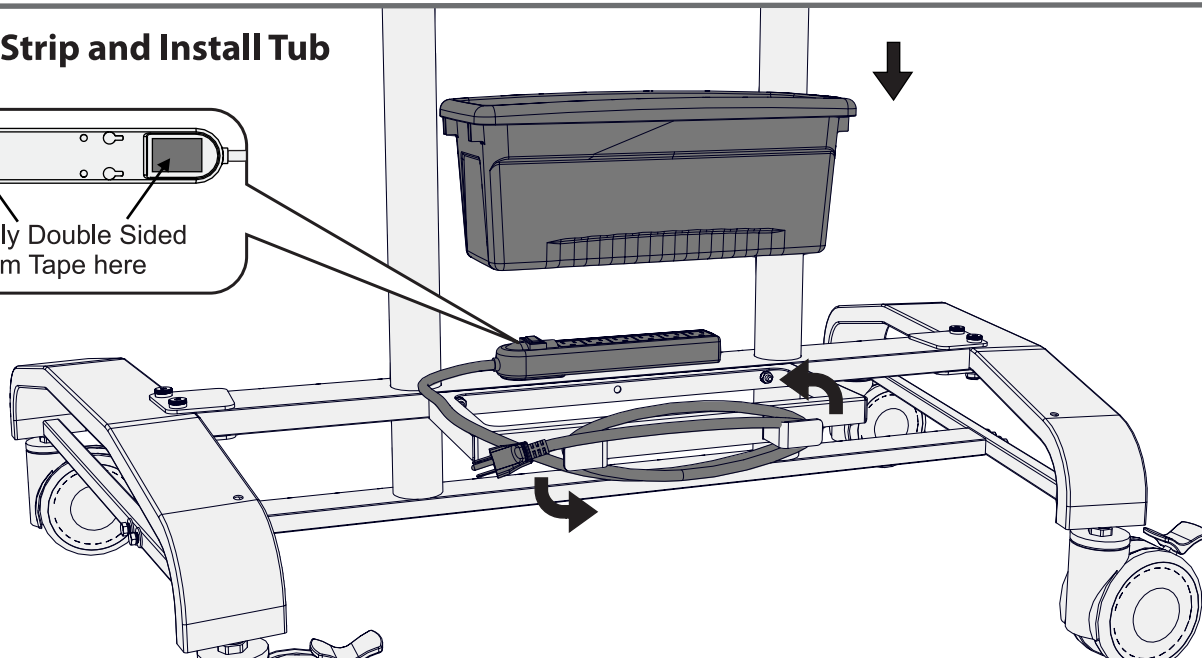
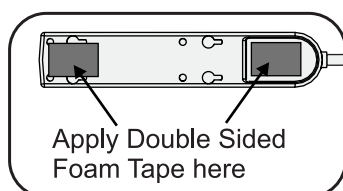


Power Strip
1x



Small Tub
1x

Attach Power Strip and Install Tub



12

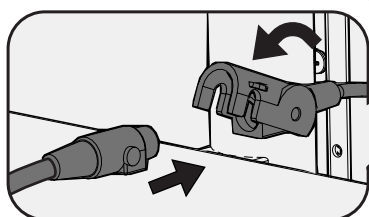
Actual Size:

You will need: (Not to Scale)



Electric Lift Power Adapter & Remote
1x

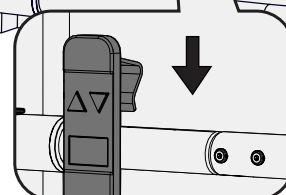
Connect Electric Lift Power Cable & Remote



Connect and secure your
electric lift cable



Place power adapter
in tub for storage



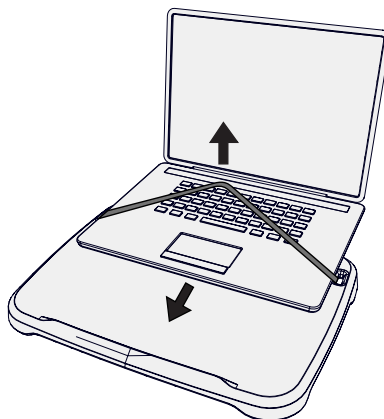
Use remote hook to
hang remote on cart



20 lbs Weight Limit

Laptop Tray
1x

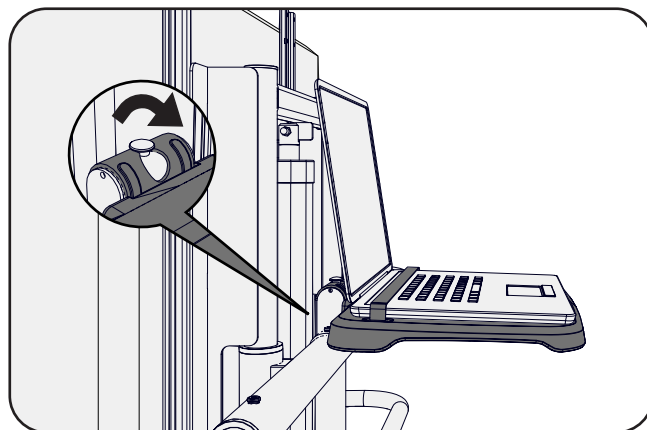
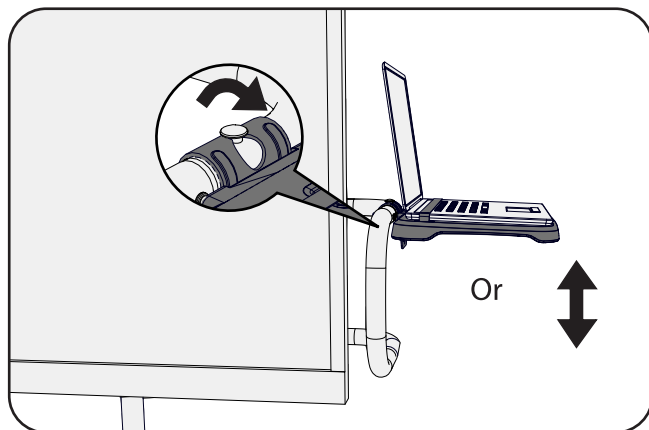
Securing Your Device



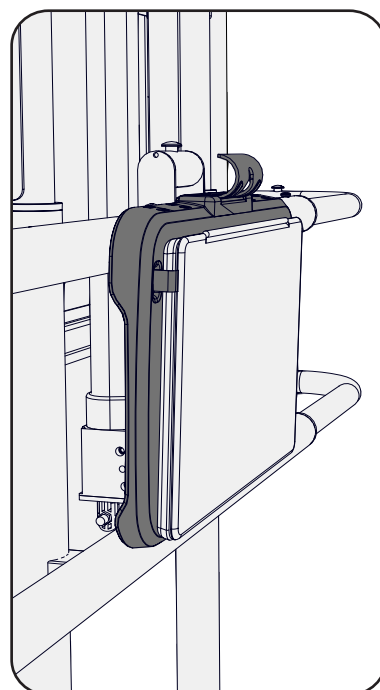
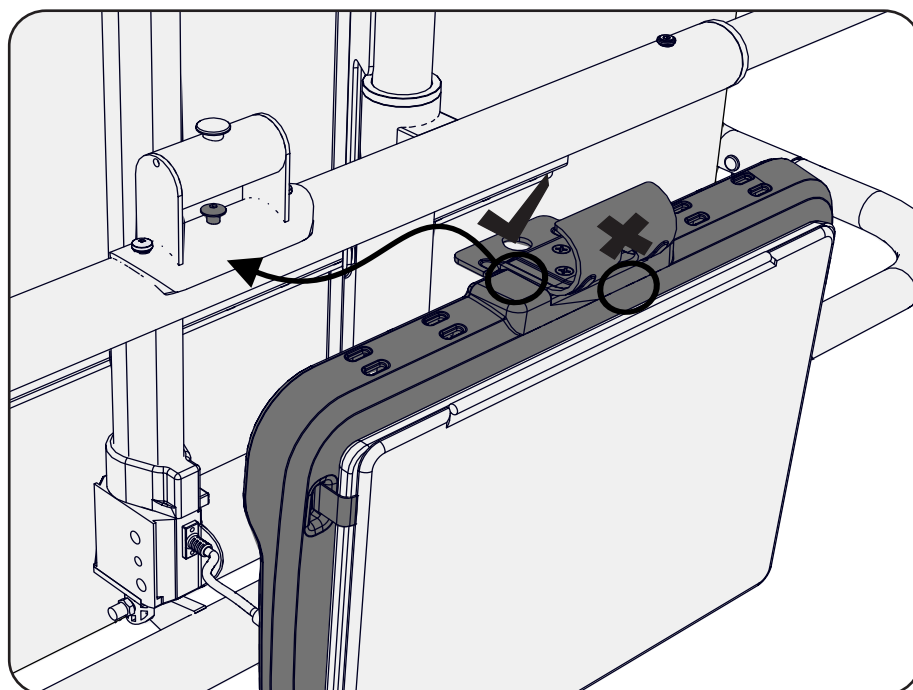
1 Lift up strap

2 Slide in your device

Attaching Laptop Tray To Cart

In-use Position On Left or Right HandlesIn-use Position On
Back of Cart

Storage Position On Back of Cart



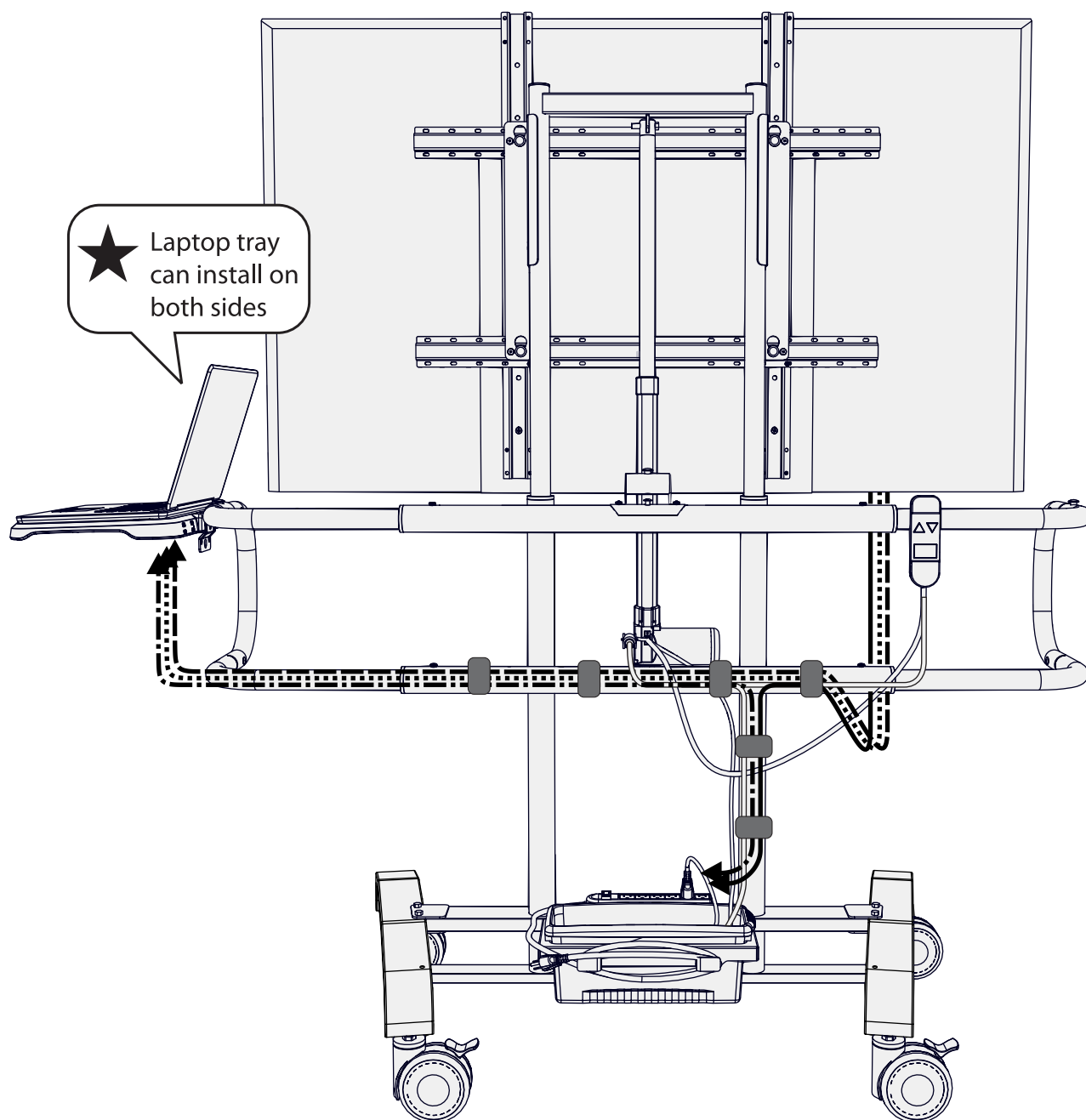


Hook & Loop Straps
6x

- VGA/HDMI Cable
 - USB Cable
 - Flat Panel Power Cable
 - Laptop/Computer Power Cable
- (items not included with IFP500)

Cable Routing


- !** Raise flat panel to max height before routing cables.
■ This ensures they have enough length when adjusting cart height.



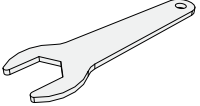
You will need: (Not to Scale)

Screwdriver
⊕ Phillips #2 or #3

+

Adjustable wrench (1x)

OR
7/16" Wrench (1x)
M13 Wrench (1x)

+


Caster Wrench
1x

Final Assembly Checks

Check entire assembly for loose parts; tighten all casters, bolts, screws and nuts



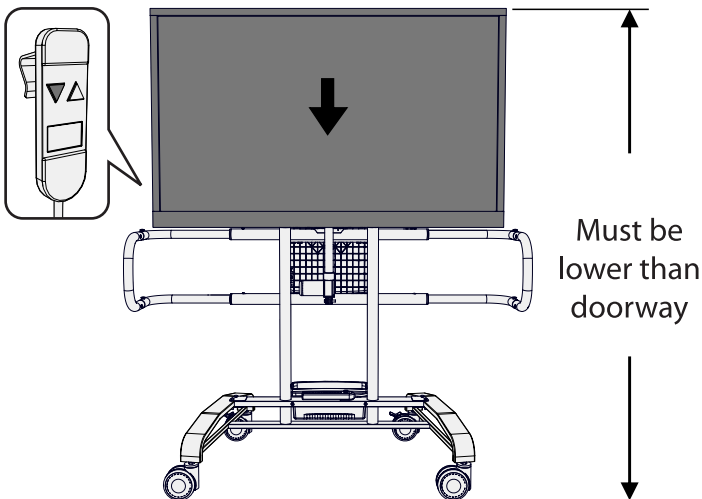
Tighten all casters using supplied Caster Wrench.

Keep wrench with unit.
Casters must be tightened every 6 months for proper maintenance.

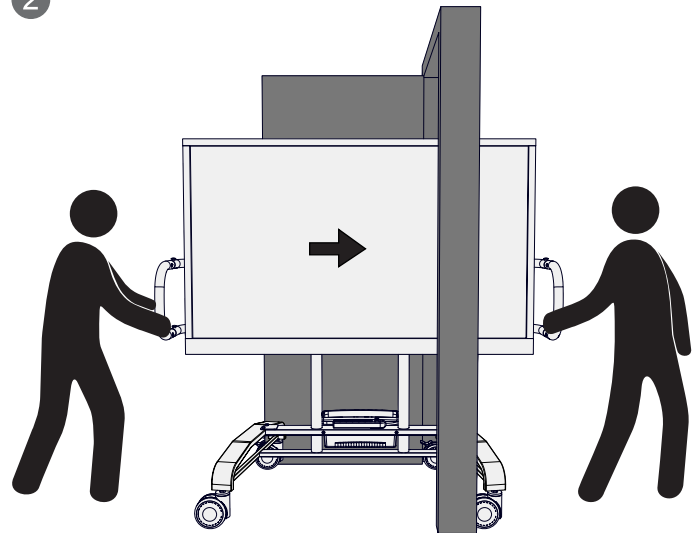


Warning - When moving your flat panel cart through a door ensure that the unit is shorter than the height of the door.

1



2



Always turn off and unplug the flat panel screen before moving.
Stow away laptop tray before moving.