Formulate Designer Series 10' Backwall - Kit 11

FMLT-DS-10-11

Formulate® Designer Series 10ft displays have unique stylistic features and shapes, are portable and easy to assemble. The aluminum tube frame features snap-buttons and/ or spigot connections and zipper pillowcase fabric graphics. All displays come in portable, wheeled transit cases. Simply pull the pillowcase fabric graphic(s) over the frame and zip.

features and benefits:

- Premium aluminum tube frames with snap button / spigot assembly
- Easy to store and ship
- Quick to set up
- Weighted feet for added stability

- Two zipper pillowcase fabric graphics
- Kit includes: monitor kiosk featuring a medium monitor mount, can hold 32-55" monitor / max weight 40 lbs
- Lifetime limited hardware warranty against manufacturer defects

dimensions:

| Hardware	Graphic
Assembled unit: 111.1"w x 96"h x 50.7"d 2822mm(w) x 2439mm(h) x 1289mm(d) **Approximate weight with cases:** 150 lbs / 68 kg	Refer to related graphic template for more information. Visit: https://www.theexhibitorshandbook.com/download-graphic-templates
Shipping	
Packing case(s): 2 OCE Cases **Shipping dimensions:** OCE: Expandable case length (l) may vary 40" - 66"l x 18"h x 18"d 1016mm-1677mm(l) x 458mm(h) x 458mm(d) **Approximate total shipping weight** **(includes cases & graphics):** 162 lbs / 74 kg	
	additional information:
	Graphic material: Dye-sublimation zipper pillowcase fabric

We are continually improving and modifying our product range and reserve the right to vary the specifications without prior notice. All dimensions and weights quoted are approximate and we accept no responsibility for variance. E&OE. See Graphic Templates for graphic bleed specifications.
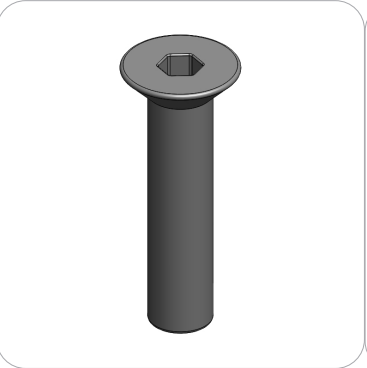
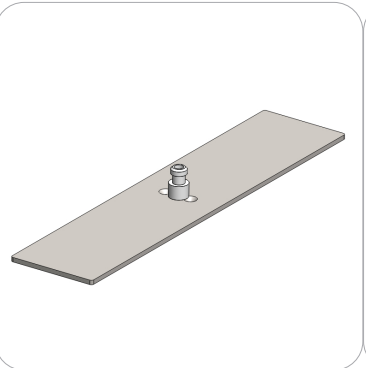# Included In Your Kit

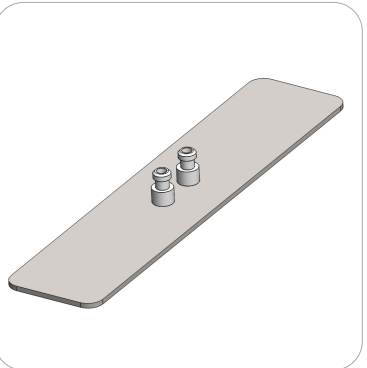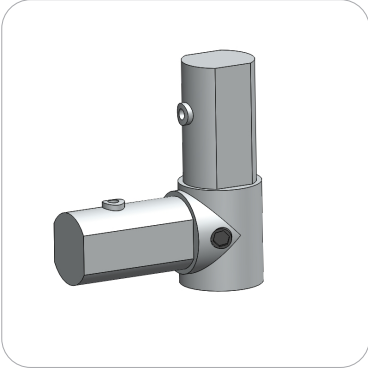Tools, Components, & Connectors

HEX KEY SET x1
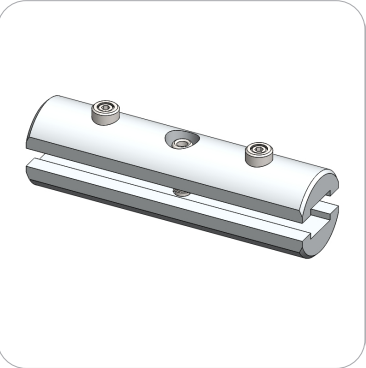
ES30 x12

LN114-SCRW x4
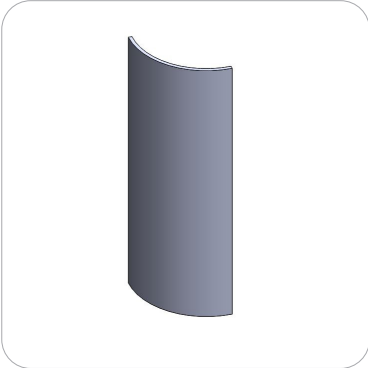
PLT-BP-LN114-S2-450 x2

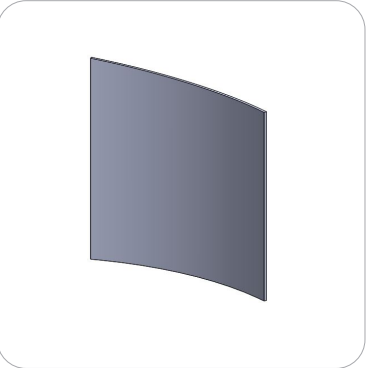PLT-BP-LN114-S3-450 x1
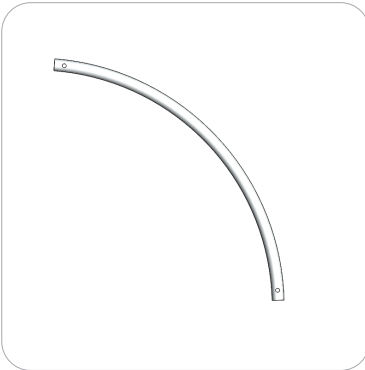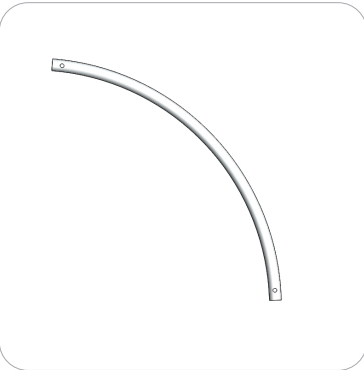
ES30-90B x4

TCP-3030-R x1

PM4S3-MK-M x1

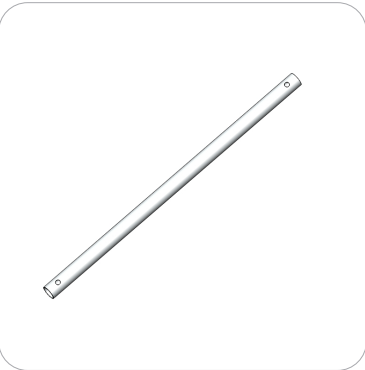Graphics

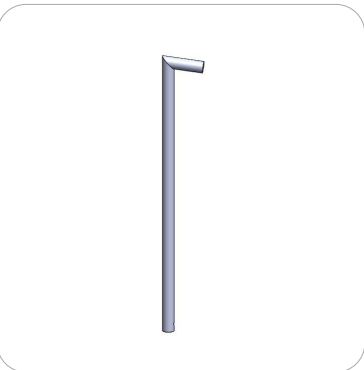FMLT-DS-10-10-A-G x1

FMLT-DS-10-10-B-G x1
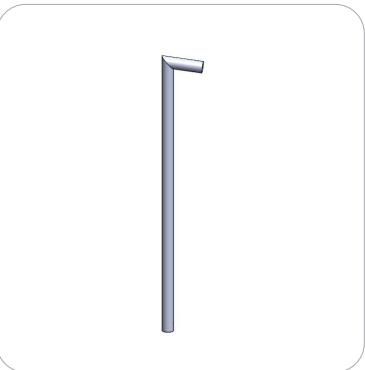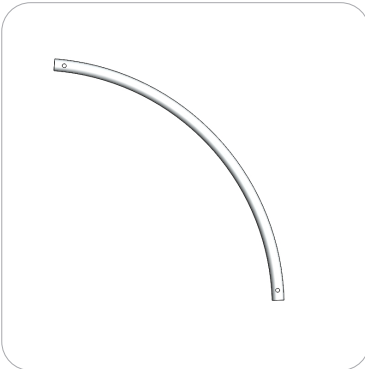
Included In Your Kit

Tubes

DS-10-11-A-T1 x2
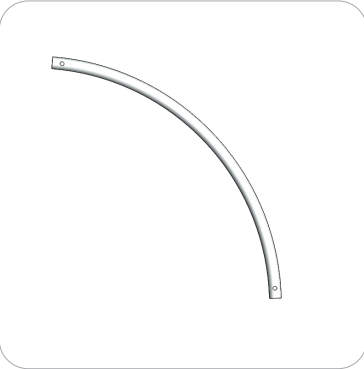
DS-10-11-A-T2 x1

DS-10-11-A-T3 x2
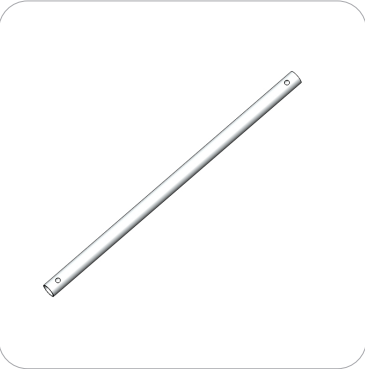
DS-10-11-A-T4 x1

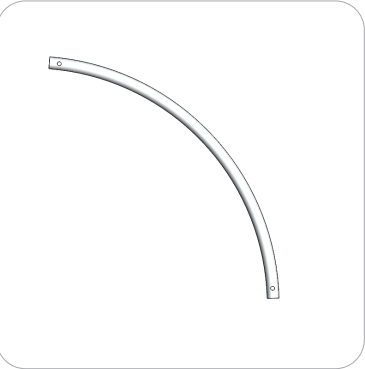DS-10-11-A-T5 x1

DS-10-11-A-T6 x1
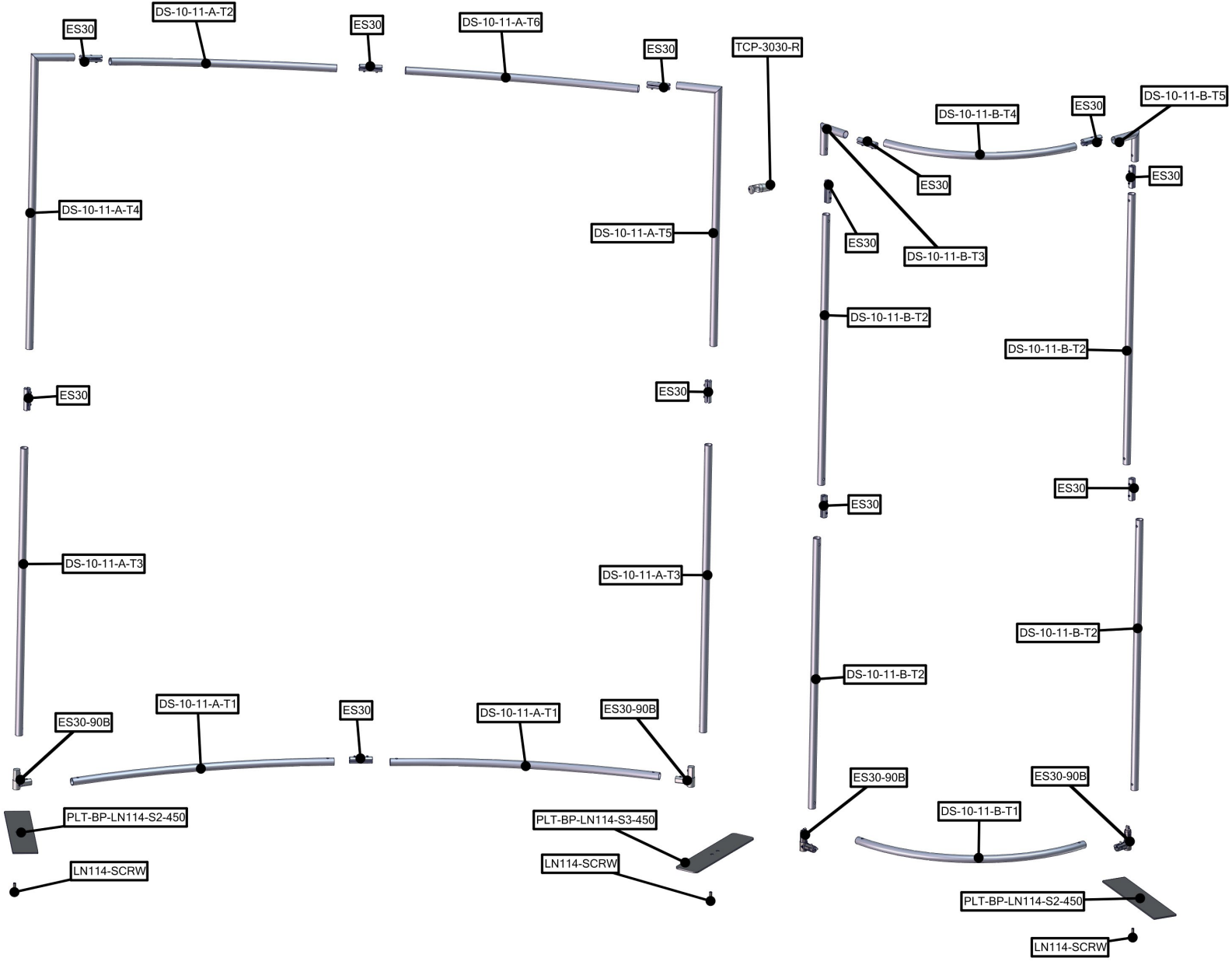
DS-10-11-B-T1 x1

DS-10-11-B-T2 x4
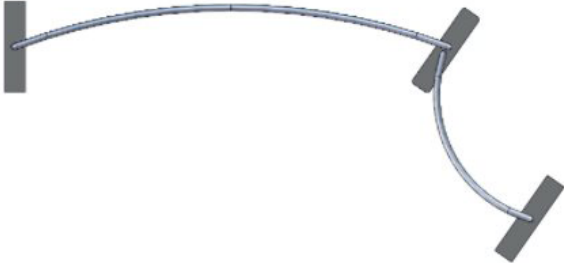
DS-10-11-B-T3 x1

DS-10-11-B-T4 x1

DS-10-11-B-T5 x1

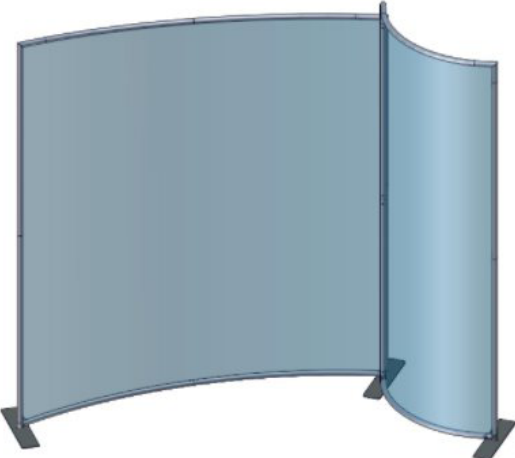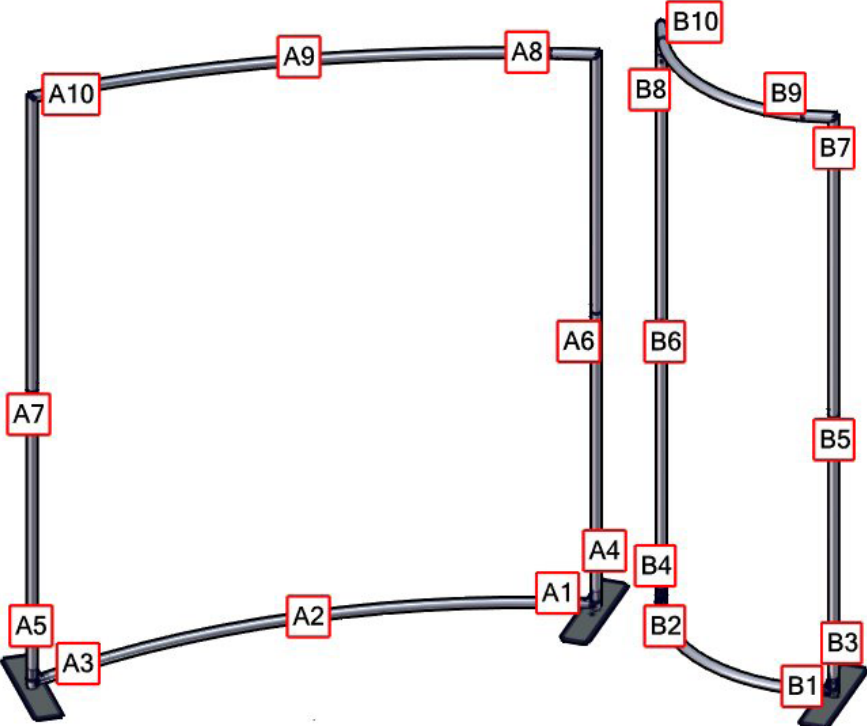# Exploded View

FMLT-DS-10-11

Labeling Diagram

OVERHEAD VIEW

Kit Assembly

Step by Step

Step 1.

Gather the components necessary to assemble Frame A. Assemble your frame following the order specified in the Labeling Diagram.

Please reference Connection Methods 1 and 3 for more details.
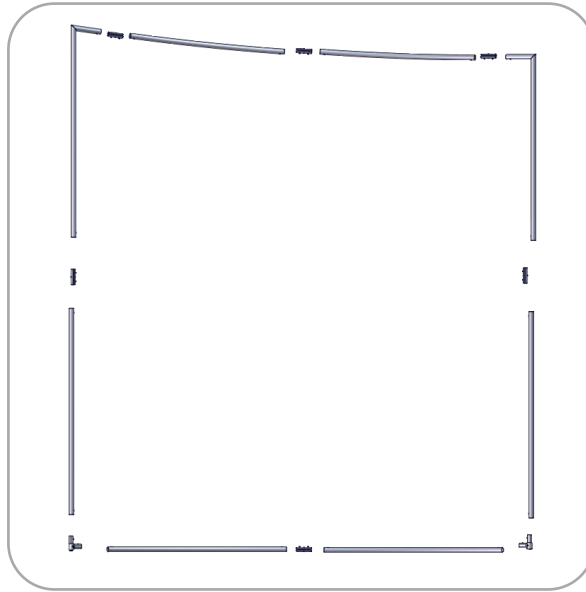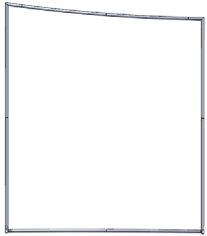
Step 2.

Gather the components necessary to build Frame B. Assemble your frame following the order specified in the Labeling Diagram.

Please reference Connection Methods 1 and 2 for more details.
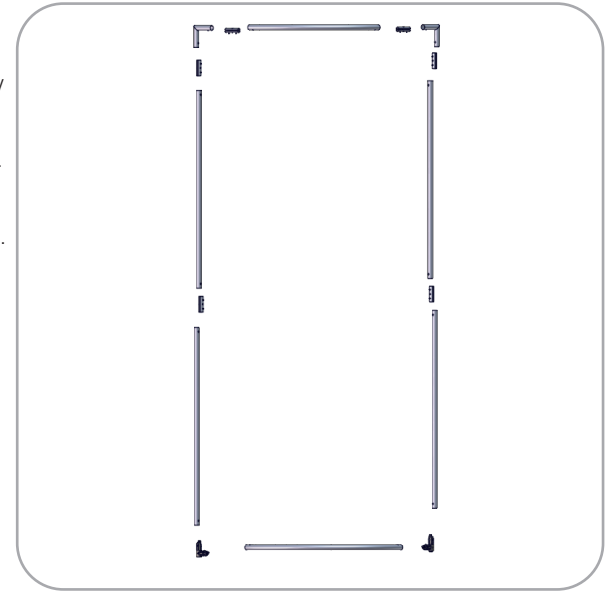
Step 3.

Locate the fabric cover for Frame A. With the frame flat on the floor, pull the cover over the top of the frame. Zip the fabric cover to enclose the frame.

Zipper located on the bottom of Graphic A
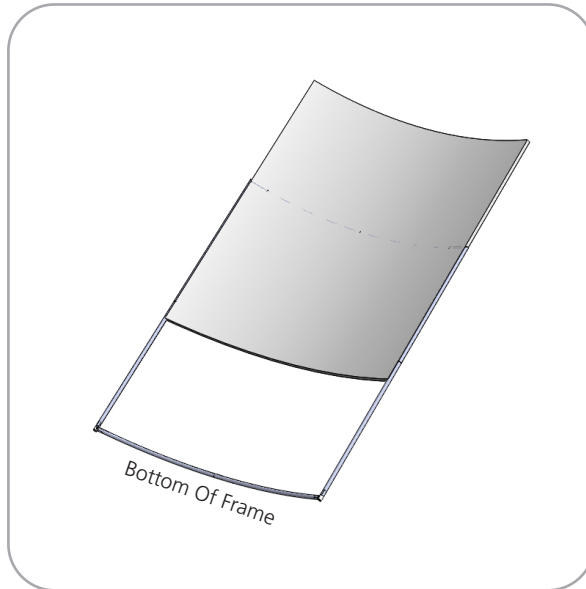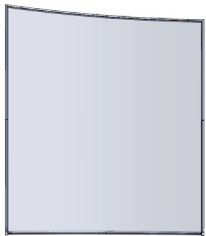
Bottom Of Frame

Step 4.

Locate the fabric cover for Frame B. With the frame flat on the floor, pull the cover over the top of the frame. Zip the fabric cover to enclose the frame.

Zipper located on the bottom of Graphic B
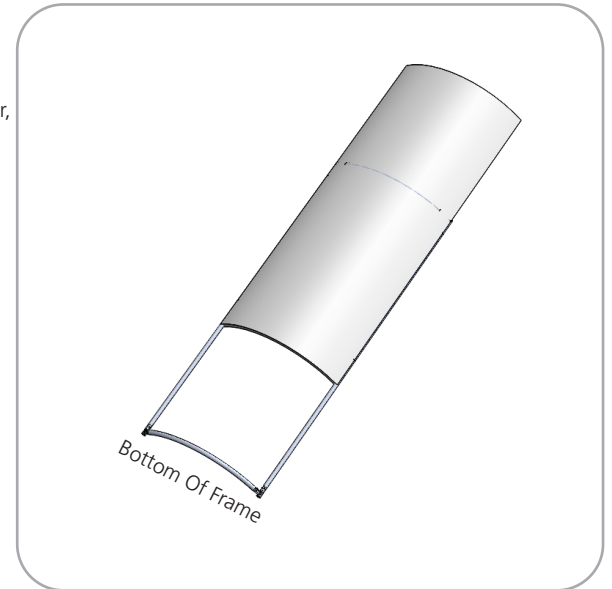
Bottom Of Frame

Kit Assembly

Step by Step

Step 5.

Locate both LN114-S2's. Attach the foot to the bottom of the ES30-90B on the left side of Frame A. Tighten the screw on the side of the ES30-90B to lock it in place.
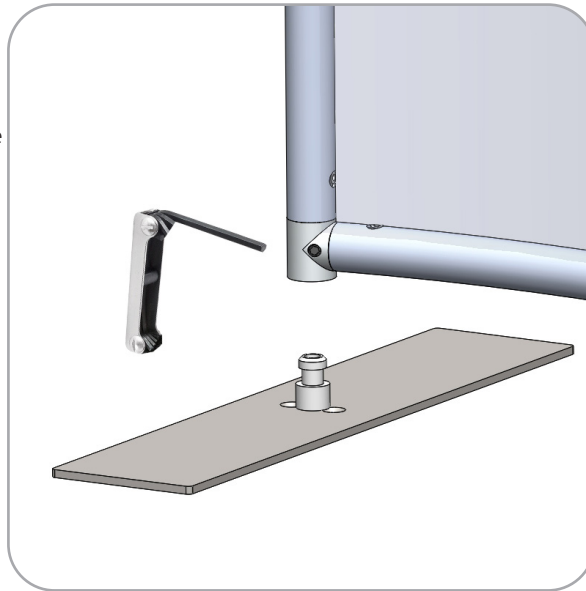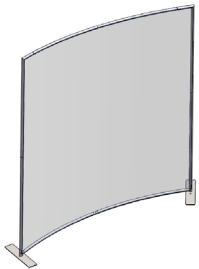
Step 6.

Gather the LN114-S3 assembly, and 1 LN114 screw. Start by setting the hub on the foot into the ES30-90B. Next screw the foot into Frame B in the order shown on the right. Tighten the screw on the ES30-90B to lock in place.
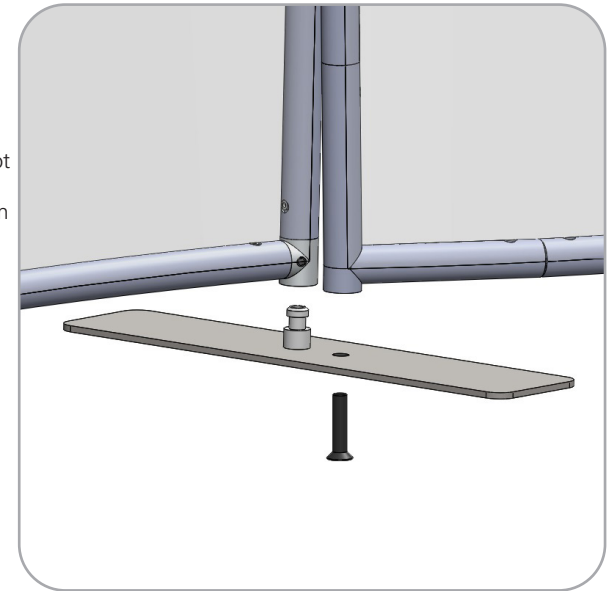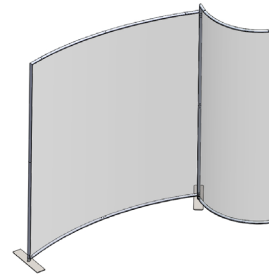
Step 7.

Gather the LN114-S2 assembly, and 1 LN114 screws. Attach the foot to the right side of Frame B, in order shown in the image to the right.
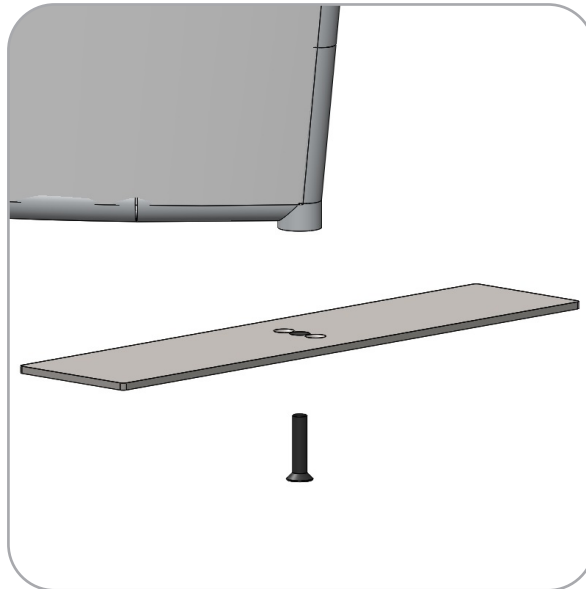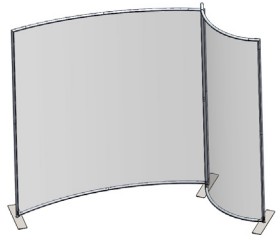
Step 8.

Use the TCP-3030-R to combine both frames. Tighten on each side of the frame as shown in the image to the right.

Please reference Connection Method 4 for more details
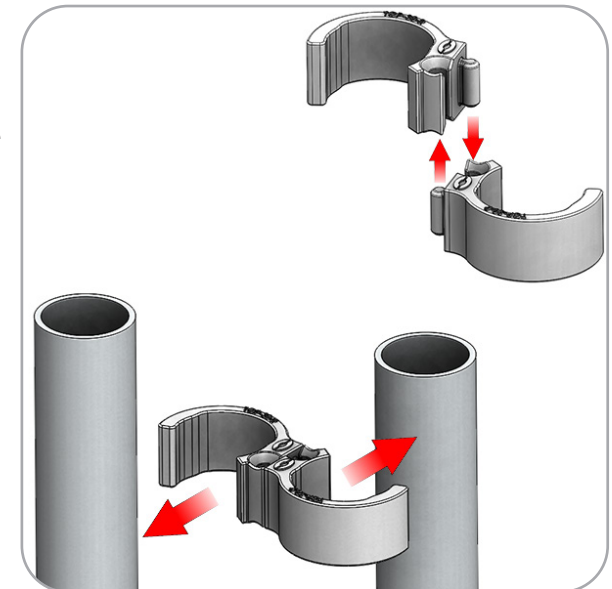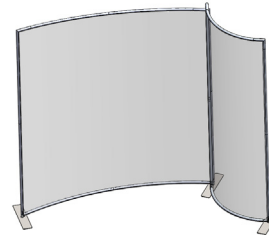
Connection Methods

Connection Method 1: ES30
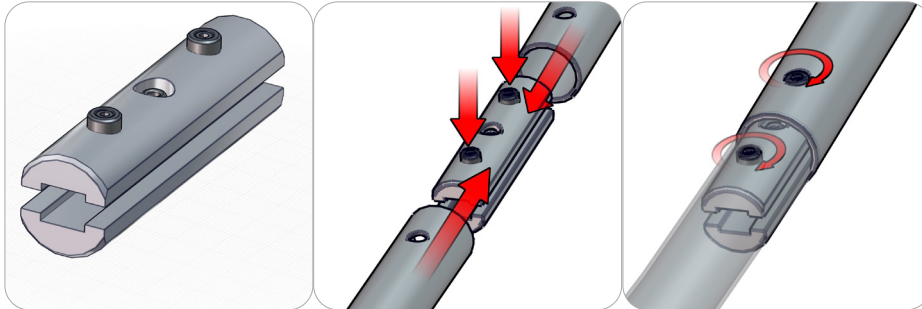
For spigot connections, compress the unlocked connector and slide into the tube lock access hole. Lock both screws carefully using your allen key tool. Be sure to lock securely, but do not over tighten. Do not force the connection and be careful with the tube edges, they may be sharp. To disassemble, unlocked connector press the snap button and pull apart.

Connection Method 2: Swage Tube with Snap Button
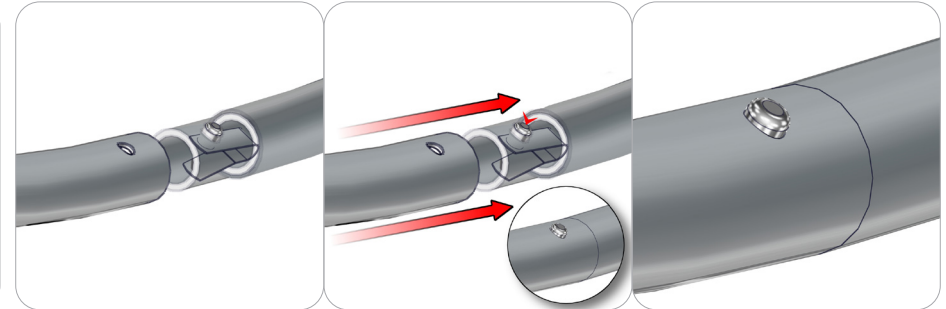
Attaching the tube swage design end and snap button is easy - simply press the snap button in and slide it into the next tube. With the tube on, make sure the snap button comes out all the way through the tube hole.

Connection Method 3: SILICONE EDGE FABRIC GRAPHIC
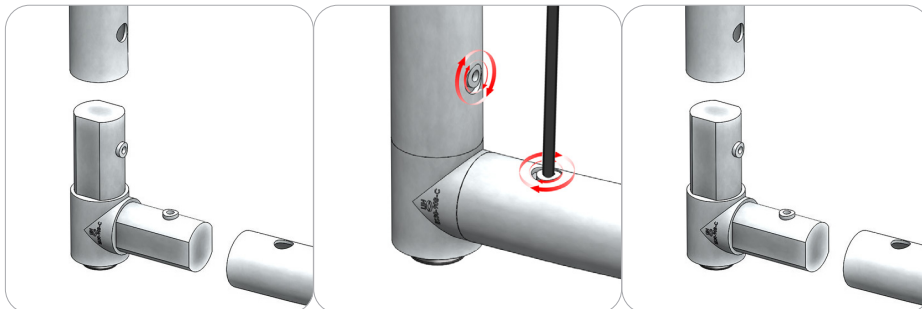
Compress one unlocked end of the connector and slide it through one tube end. Compress the other end of the connector and slide the second tube on. Lock both screws carefully using your allen key tool. Be sure to lock securely, but do not over tighten.

Connection Method 4: Tube Clamps

TCP

TC

TCP-3030-R
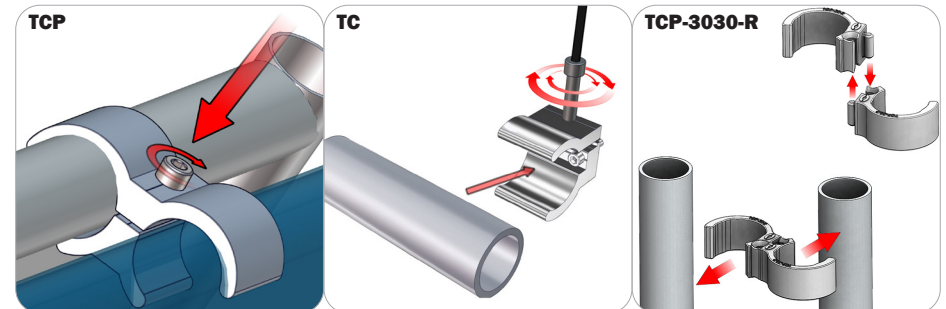
Be sure to fully assemble all frames before using clamps. With the clamp unlocked, place one tube of the first frame into the mouth of the clamp. Place the second tube (if applicable) into the second mouth of the clamp. With both frame's tubes in the clamp, be sure to lock securely, but do not overtighten.

Monitor Bracket Instructions

Extrusion Channel Applications

EXT-SM-MB
**Vesa Pattern: 75 x 75
up to 200 x 200mm
Max weight varies per application**

Assembled unit:
10"w x 8.86"h x 2"d
255mm (w) x 225mm (h) x 50mm (d)

Shipping dimensions:
14"l x 6"h x 4"d
356mm (l) x 152mm (h) x 102mm (d)

Approximate total shipping weight:
6 lbs / 3 kg

Recommended monitor sizes:
23" - 42"
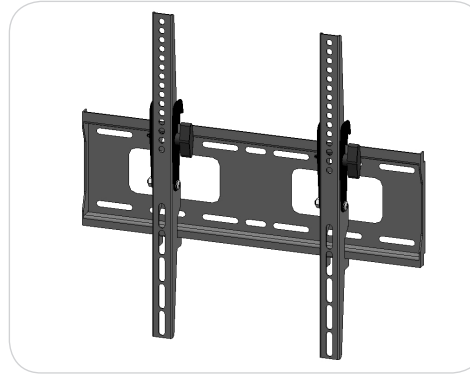
EXT-M-MB
**Vesa Pattern: 200 x 200
up to 400 x 400mm
Max weight varies per application**

Assembled unit:
17.6"w x 16.7"h x 1.6"d
448mm (w) x 425mm (h) x 40mm (d)

Shipping dimensions:
24"l x 4"h x 4"d
610mm (l) x 102mm (h) x 102mm (d)

Approximate total shipping weight:
8 lbs / 4 kg

Recommended monitor sizes:
32" - 55"
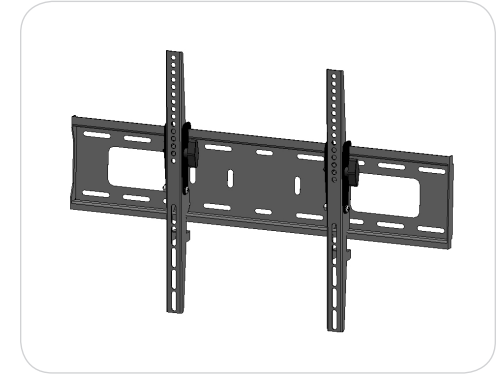
EXT-LG-MB
**Vesa Pattern: 200 x 200
up to 600 x 400mm
Max weight varies per application**

Assembled unit:
25.9"w x 16.7"h x 1.6"d
658mm (w) x 425mm (h) x 40mm (d)

Shipping dimensions:
28"l x 6"h x 6"d
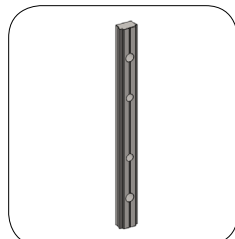711mm (l) x 152mm (h) x 152mm (d)

Approximate total shipping weight:
9 lbs / 5 kg

Recommended monitor sizes:
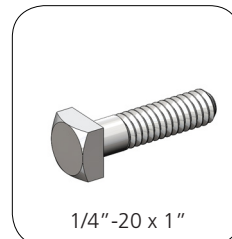37" - 70"

Included hardware:

LN-100 x2	M5 x 10 LN-LCD-SCW x2	1/4"-20 x 1" BOLT-1 x2	1/4"-20 Flange Wing nut x2
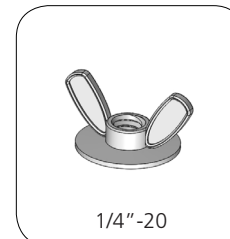
Extrusion Connection

Channel Connection A
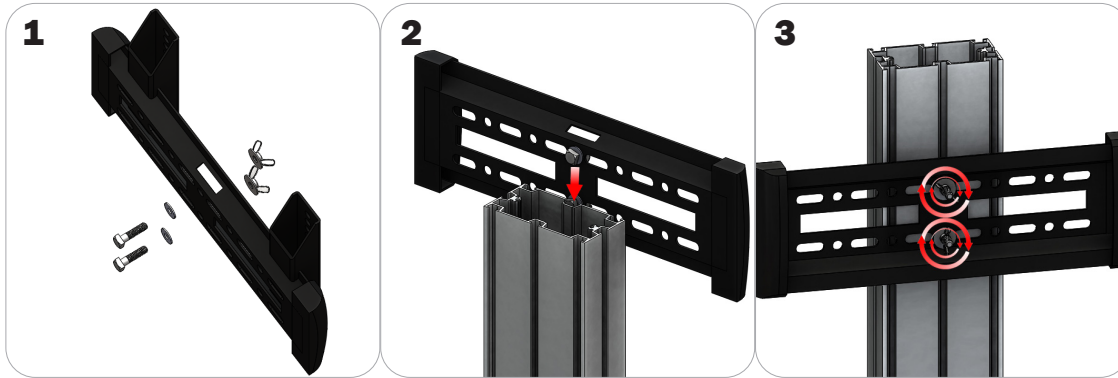
Locate all components needed to assemble the monitor mount with the channel connection A method. You will need (1) monitor bracket, (2) square head bolts, (2) washers, and (2) wing nuts.

Step 1: Insert the provided bolts through the washers and center top and bottom holes of the monitor mount. Loosely thread your wing nuts onto the end of the bolts.

Step 2: Slide the bolt heads down the extrusion channel.

Step 3: Tighten your wing nuts to lock the monitor bracket in place.

Step 4: Reference the included manufacturer monitor mount instructions for fastening your monitor to the bracket.

Channel Connection B
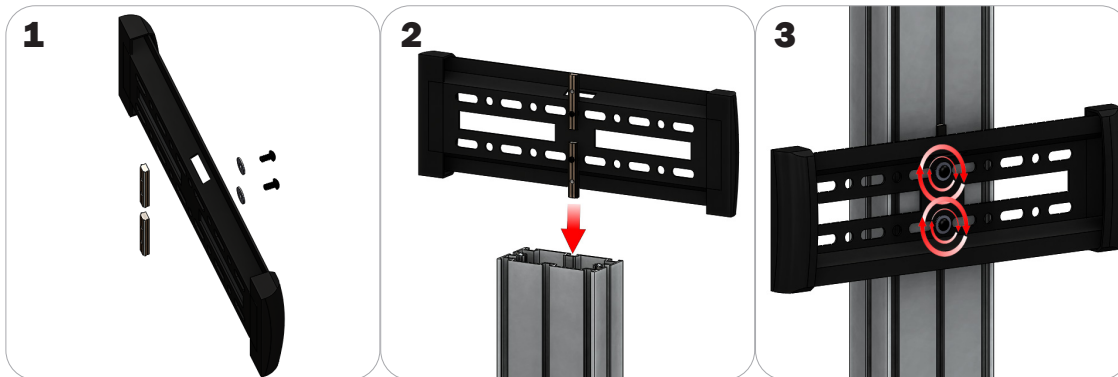
Locate all components needed to assemble the monitor mount with the channel connection B method. You will need (1) monitor bracket, (2) LN-LCD-SCW, (2) LN-100, and (2) washers.

Step 1: Loosely thread the LN-LCD-SCW screws through the washers, the center top and bottom holes of the monitor bracket, and through the LN-50 holes.

Step 2: Slide the LN-100s down the extrusion channel.

Step 3: Tighten your LN-LCD-SCW to lock the monitor bracket in place.

Step 4: Reference the included manufacturer monitor mount instructions for fastening your monitor to the bracket.

Extrusion Connection

TRI-30MM Channel Tube Connection
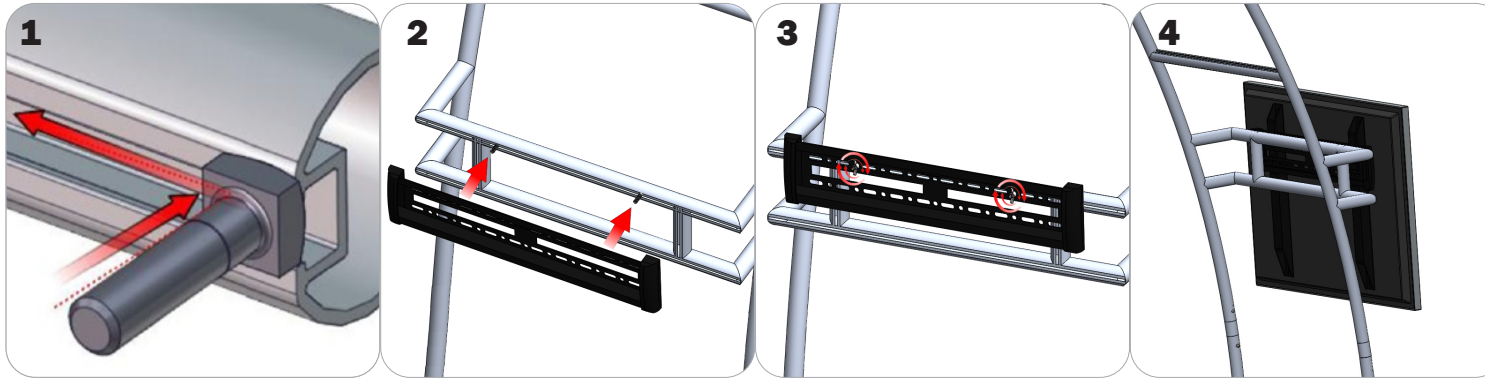
Locate all components needed to assemble the monitor mount with the TRI-30MM Channel Tube Connection method. You will need (1) monitor bracket, (2) Square Bolts, and (2) Wingnuts.

Step 1: Slip the head of the square bolts into the extrusion channel of the tube.

Step 2: Apply your monitor bracket to the protruding square bolts.

Step 3: Lock your monitor bracket to the square bolts using the provided wingnuts.

Step 4: Reference the included manufacturer monitor mount instructions for fastening your monitor to the bracket.

Freestanding Monitor Kiosk

PM4S3-MK-M   PM4S3-MK-M-MSHELF   PM4S3-MK-SHELF-UNIT
PM4S3-MK-L   PM4S3-MK-L-MSHELF

The Freestanding Monitor Kiosk is a superior multimedia display that can be used for multiple applications, as well as in trade show exhibits and for events. Kiosks include monitor mounts to support a medium or large size TV, and a corresponding medium or large shelf may be added. Monitor mounts support TV's up to 40 lbs and 32" - 70" in size, and can be adjusted to the perfect height; an included shelf can hold up to 15 lbs. The Shelf Unit is a great addition that proudly displays small products. Install the Freestanding line behind a fabric backwall for a truly impressive display.

features and benefits:

- Premium aluminum extrusion frames with cam lock and tension glide assembly
- Easy to store and ship
- Quick to set up
- Weighted feet for added stability

- Kits may include: a medium or large monitor mount, shelf, or combination
- Choice of medium or large monitor mount options. (Freestanding Monitor Kiosk with Shelf or Freestanding Shelf)
- Lifetime limited hardware warranty against manufacturer defects

Freestanding Monitor Kiosk	Freestanding Monitor Kiosk with Shelf	Freestanding Shelf Unit

PM4S3-MK-M   PM4S3-MK-M-MSHELF   PM4S3-MK-SHELF-UNIT
PM4S3-MK-L   PM4S3-MK-L-MSHELF

dimensions:

Hardware	Shipping
Assembled unit (no shelf): 25.59"w x 70.98"h x 25.59"d 650mm(w) x 1803mm(h) x 650mm(d)	Packing case(s): 1 OCE Case
Assembled unit (with shelf): 29.53"w x 70.98"h x 25.59"d 751mm(w) x 1803mm(h) x 650mm(d)	Shipping dimensions: OCE: Expandable case length (l) may vary 40" - 66"l x 18"h x 18"d 1016mm-1677mm(l) x 458mm(h) x 458mm(d)
Approximate weight: (excludes cases & monitor mount)	Approximate total shipping weight: Monitor Kiosk: (Case & monitor mount) Medium 83 lbs / 38 kg Large 85 lbs / 39 kg
40 lbs / 19 kg	
Add 10 lbs / 5 kg for each shelf	Monitor Kiosk with Shelf: (Case, monitor mount, & shelf) Medium 93 lbs / 43 kg Large 95 lbs / 44 kg

additional information:

-Medium monitor mount can hold 37-70" monitor/ max weight 40 lbs

-Large monitor mount can hold 40"-65" monitor/ max weight 40 lbs

-Monitor not included

-Shelf can hold suggested max weight: 15 lbs

-If shipping with backwall kit cases may vary

Shelf Unit:
(Case & shelves)
116 lbs / 53 kg

Included In Your Freestanding Monitor Kiosk

Tools, Components, Connectors & Extrusions

5MM ALLEN-T x1
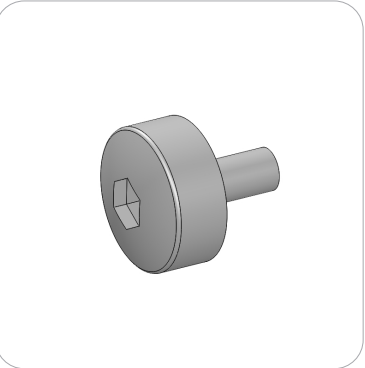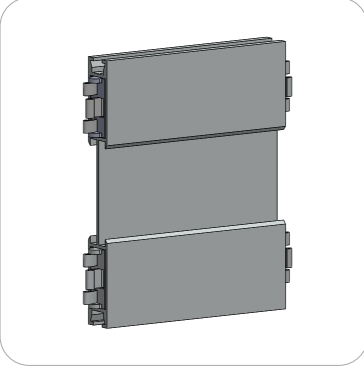
PM4S3-MM-FOOT-L x1

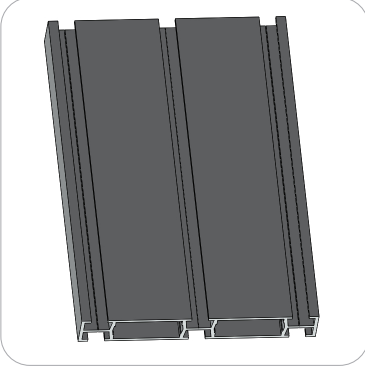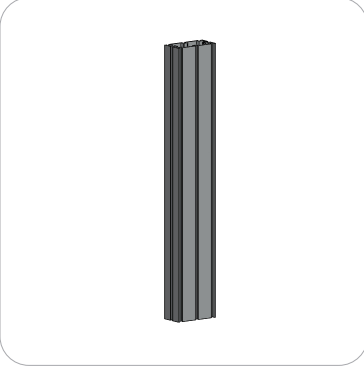PM4S3-MM-FOOT-R x1

LN100 x6

M5 THUMBSCREW x8

PH2-350-L-L x3

PH5-100-L-L x2

PM4S4-150 x2

PM4S3-600-A165-A165 x2

PM4S3-1200-A165-A165 x2

PH2-300-TG x2
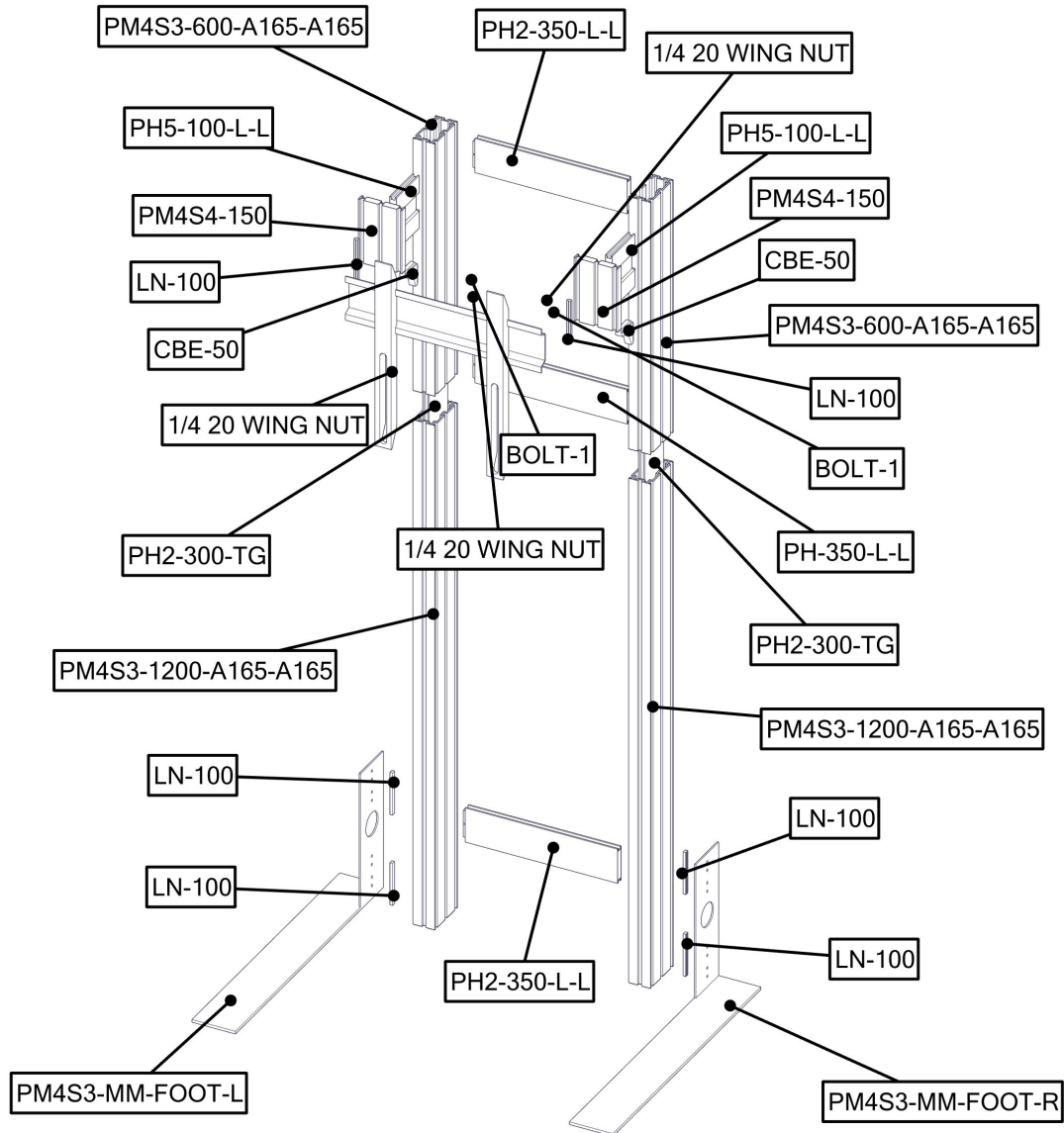
EXT-M-MB (or) EXT-LG-MB x1
Fastening Hardware Included

CBE-50 x2

Exploded View

PM4S3-MK-M
PM4S3-MK-L

Please note:
This is the kiosk frame build for
either medium or large kit.

PM4S3-600-A165-A165

PH2-350-L-L

1/4 20 WING NUT

PH5-100-L-L

PH5-100-L-L

PM4S4-150

PM4S4-150

LN-100

CBE-50

CBE-50

PM4S3-600-A165-A165

LN-100

1/4 20 WING NUT

BOLT-1

BOLT-1

PH2-300-TG

1/4 20 WING NUT

PH-350-L-L

PM4S3-1200-A165-A165

PH2-300-TG

PM4S3-1200-A165-A165

LN-100

LN-100

LN-100

LN-100

PH2-350-L-L

LN-100

PM4S3-MM-FOOT-L

PM4S3-MM-FOOT-R

Kit Assembly

Step by Step

Step 1.

Reference the image to the right. Locate the coded extrusions. Slide the PH2-300-TG connector into one end of the PM4S3-1200-A165-A165 so that it goes as deep as the internal pins. Connect the PM4S3-600-A165-A165 by sliding it over the PH2-300-TG. Repeat for this step for the second vertical.

PM4S3-600-A165-A165

PH2-300-TG

PM4S3-1200-A165-A165
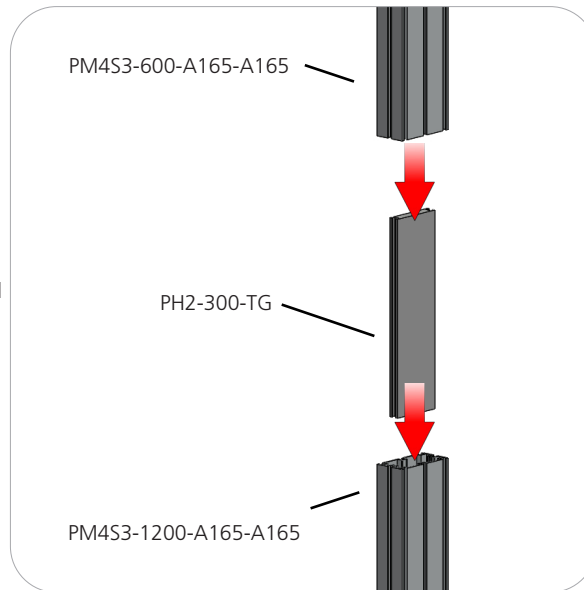
Step 2.

Collect your extrusions and handtool. Using the provided handtool, lock the extrusions into the back channel of the three channel PM4S3 faces as shown in the image below.
Be sure the locks face toward the back of the assembly and do not over tighten.

PH2-350-L-L

PH2-350-L-L

PH2-350-L-L
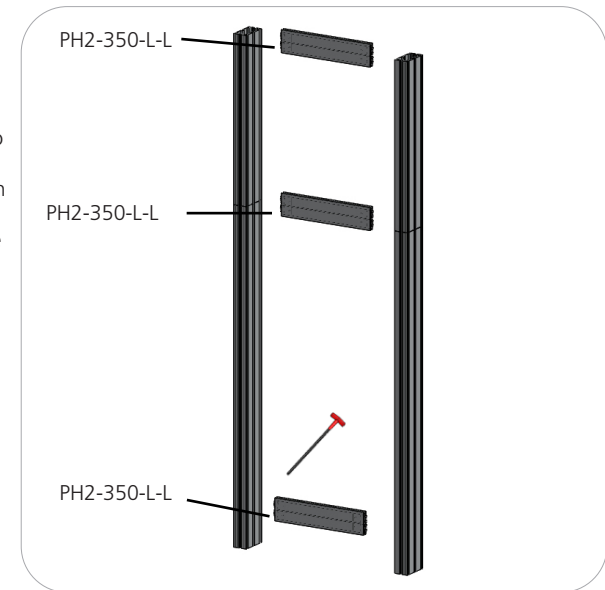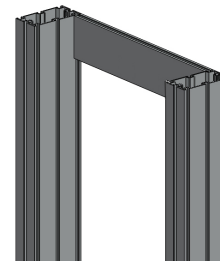
Step 3.

Locate the M5 thumbscrews, LN100s, and the PM4S3-MM stabilizing bases. Slide the LN100s into the middle channel of the PM4S3. Hand screw the M5 thumbscrews through the base holes and into the LN100 holes. Use the handtool to securely fasten the M5 Thumbscrews. Do not over tighten.

M5 Thumbscrew

LN100
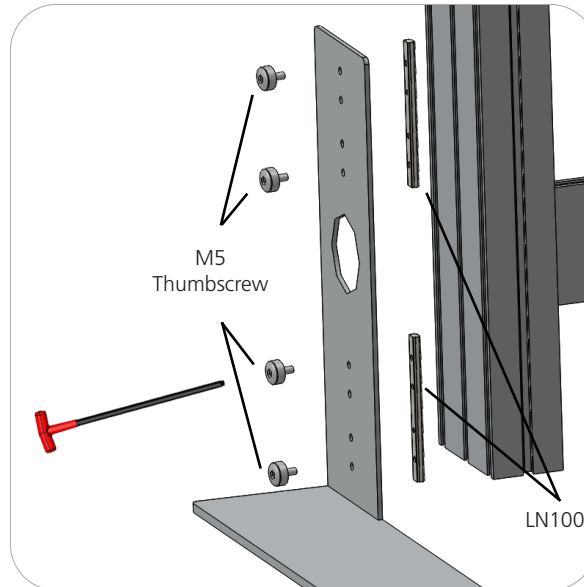
STOP

Orbus recommends that you move your kiosk(s) in place before continuing on with the rest of assembly.
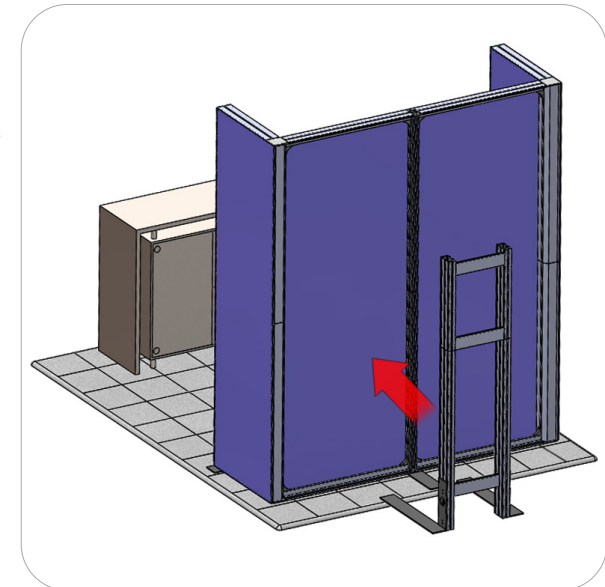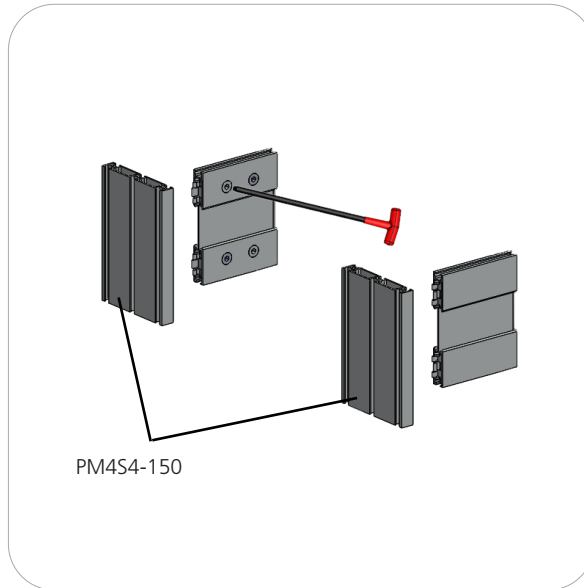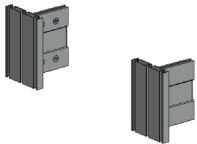
Kit Assembly

Step by Step - Monitor Mount

Step 4.

This step is for kiosks with monitor mounts. Skip to step 7 for shelf kiosks.

Measure from the ground to the center of the hole in your main kit's graphic. Lock the center of your PH5-100-L-L into the PM4S3 stacks at the dimension height of the graphic hole, ADD CBE-50 for support under PH5. Do not over tighten.


PM4S4-150

Step 5.

NOTE: Your main backwall assembly must be completed with graphics before completing this step of the monitor kit.

Lock your PM4S4-150 to the ends of the PH5-100-L-L. Do not over tighten.

Square Head Bolt

Wing Nut
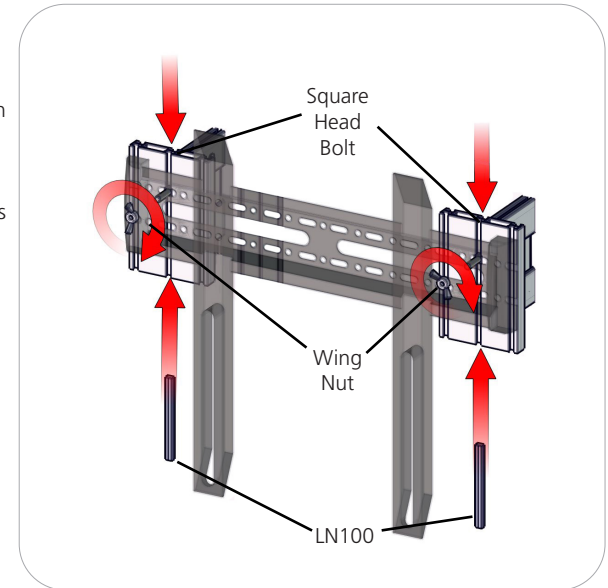
LN100

Step 6.

Set your monitor stand so that the extrusion arms fit through the graphic hole. Use the provided fastening hardware to complete your monitor stand. Slide the LN100 into the bottom center channel of the PM4S4-150. Next, slide the Square Head Bolt into the top center channel of the PM4S4-150. Apply the monitor bracket and spacer washer before fastening with the wingnut. Monitor mount may vary depending on size. Monitor not included.
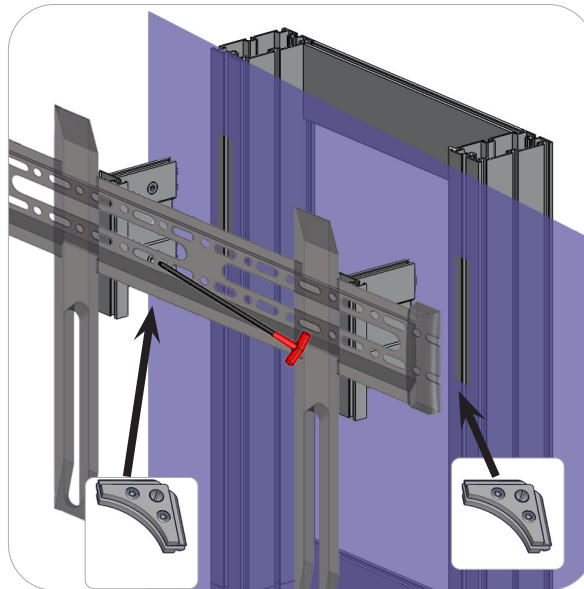
ATTACH CBE-50 UNDER PH5 FOR SUPPORT