



# Technical Manual

[www.premier-framework.com](http://www.premier-framework.com) T:+44 (0)1227 710104 F:+44 (0)1227 710104

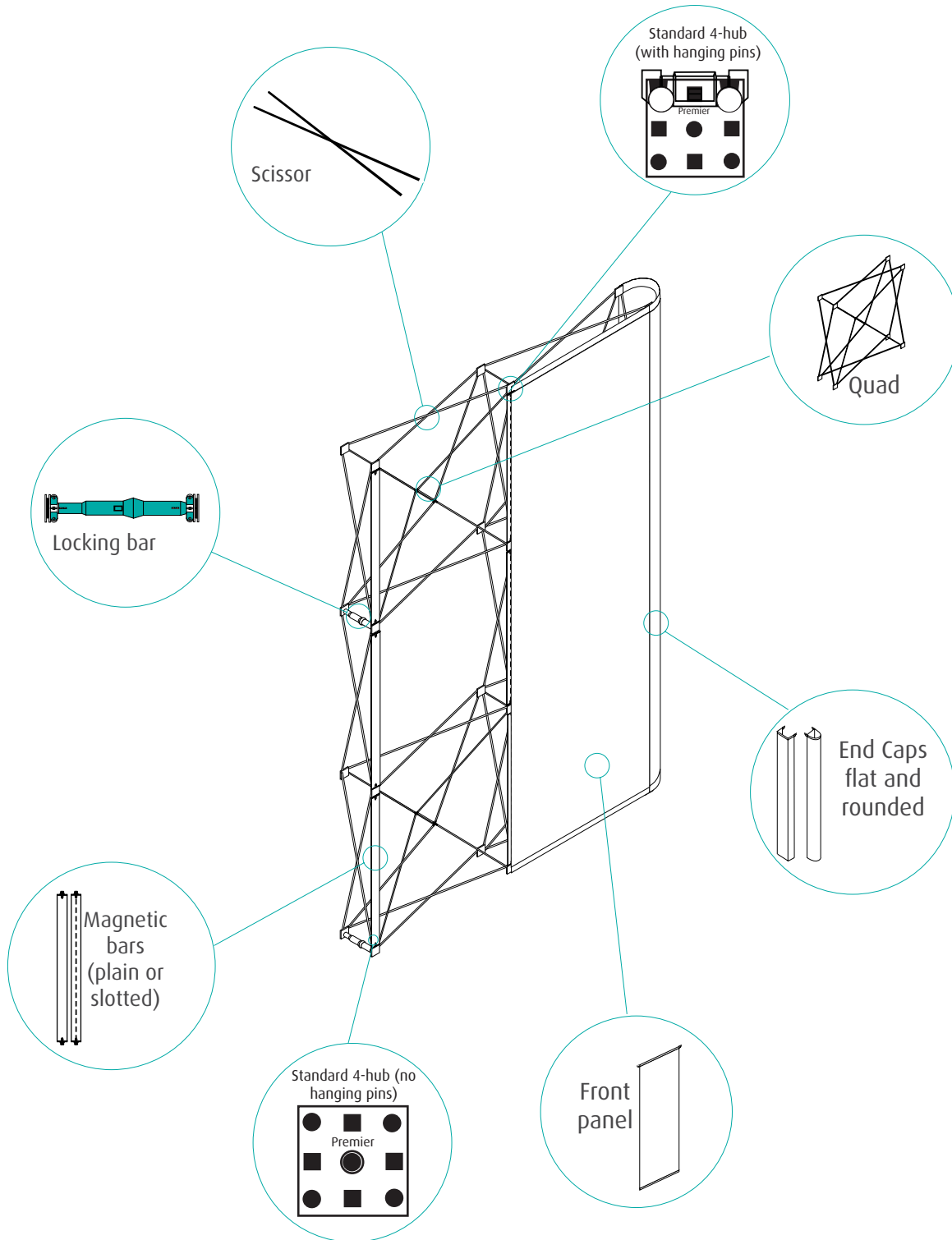
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# Premier System Components:

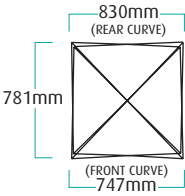
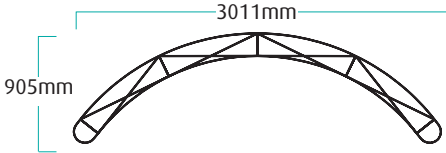
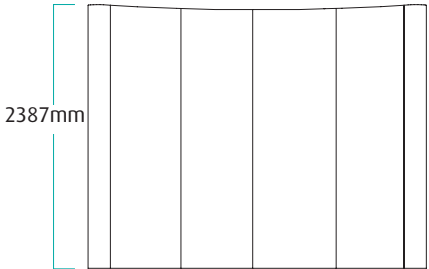
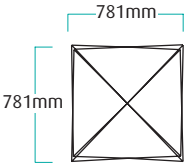
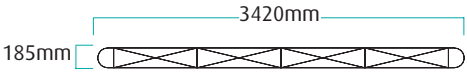
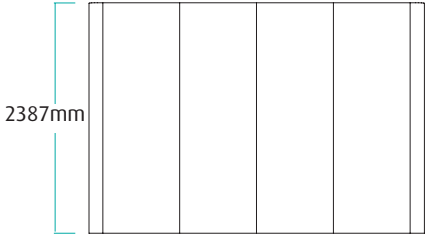
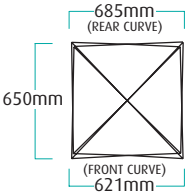
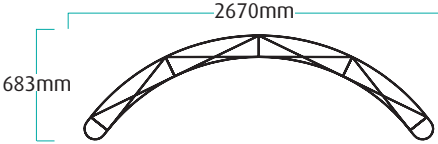
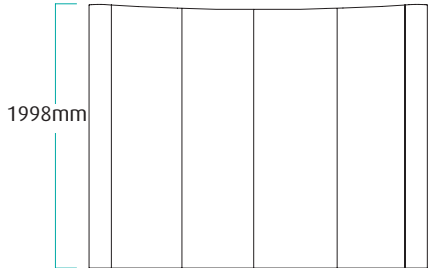
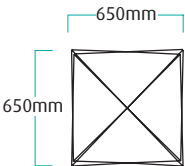
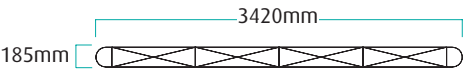
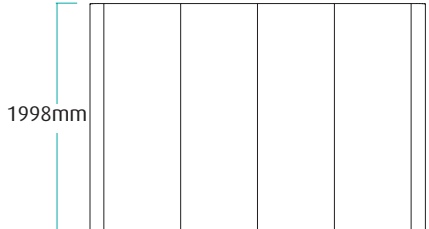
Premier pop-up and Portable Architecture™ Frames are made up of the following components:



# Premier Frame Types:

## Portable Architecture™ Classic Standard & Mini

Premier Classic frames come in standard and mini sizes and are available either flat or curved. Frame sizes are determined by the number of quads and for illustrative purposes we have shown 3 quads tall by 4 quads wide (3 x 4). But they can be built to any size.

Quad Dimensions	Plan view	Front view
<b>Classic curved</b>		
		
<b>Classic flat</b>		
		
<b>Mini Classic curved</b>		
		
<b>Mini Classic flat</b>		
		

# Premier Frame Types:

## Portable Architecture™ P300 Series

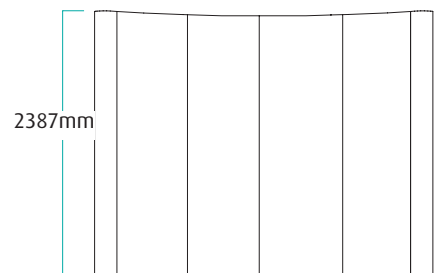
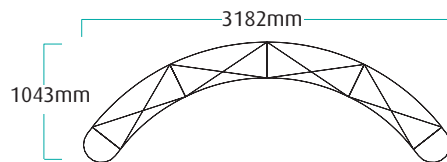
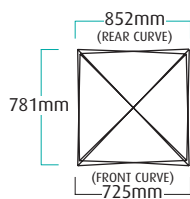
Premier P300 frames come in standard and mini sizes and are both available as flat systems. A mini P300 curved system is not available. Frame sizes are determined by the number of quads. Frames can be any size. For illustrative purposes we have shown 3 quads tall by 4 quads wide (3 x 4). But can be built up to any size.

### Quad Dimensions

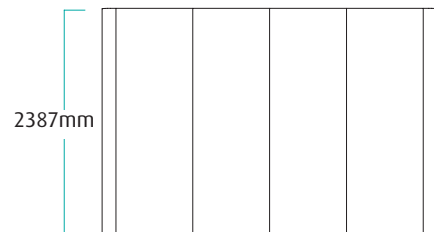
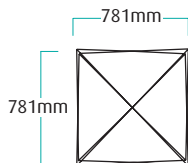
### Plan view

### Front view

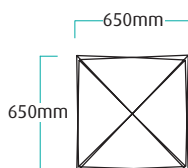
#### P300 curved



#### P300 Flat



#### Mini P300 flat



# Premier Frame Types:

## Aqua Series

Premier Aqua Frames only come in standard sizes and are not available in either Mini or Flat. The frame sizes are either 3x3 or 3x4 as shown below.

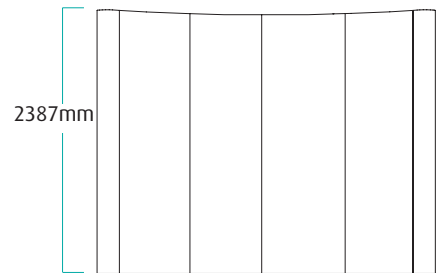
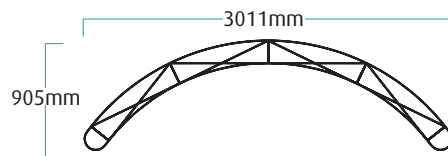
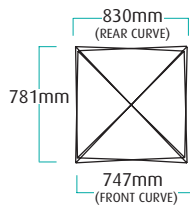
Other than the colour the biggest difference between the Aqua frame and the Classic are the hubs. The Aqua hubs are only two way hub not 4 way. This means that they cannot be connected to any of our other frames, house showcases or have rear graphic panels.

Quad  
Dimensions

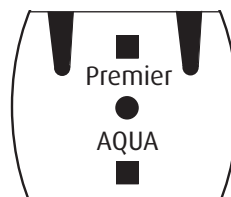
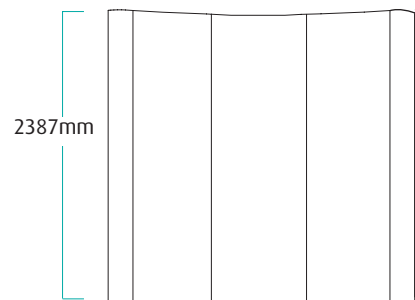
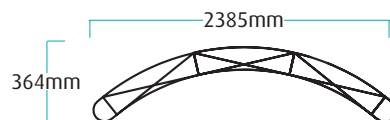
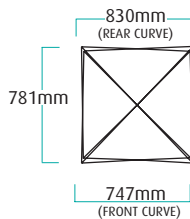
Plan view

Front view

### Aqua curved 3 x 4



### Aqua curved 3 x 3

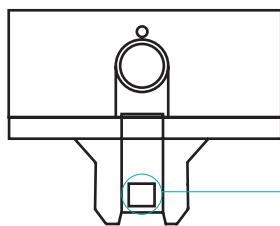
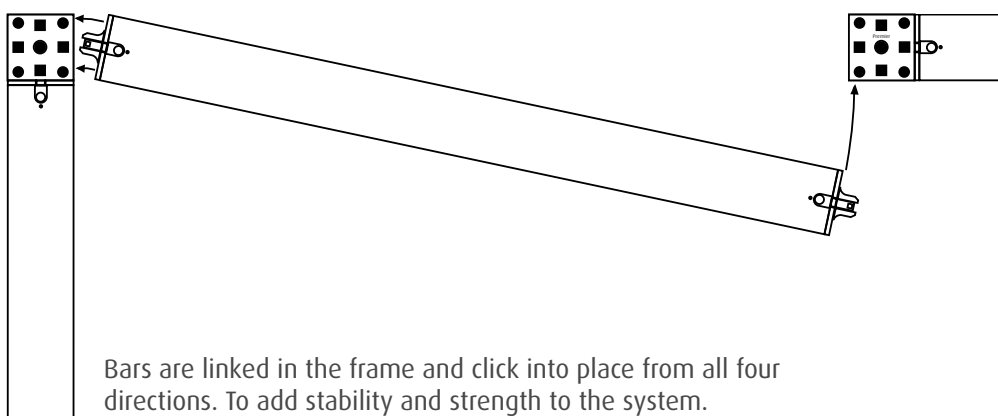


# Premier Bars & Connectors:

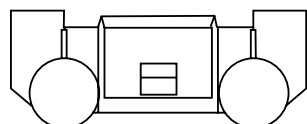
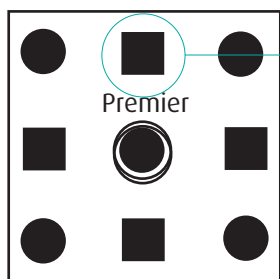
## 4 - Way Hub

The Premier system's 4 - Way hub ensures complete compatibility between system and graphics. It allows you to connect with magnetic bars from all four directions - enabling you to place graphics across any part of your system.

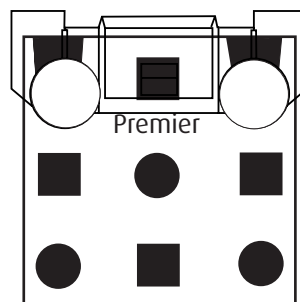
The great advantage of the 4 - Way hub is its ability to join two systems together using mag bars. These can be linked horizontally or vertically, creating an extra panel (ghost panel). A graphic or fabric "ghost panel" can then be attached to give a smooth continuous join between any two systems. A Premier Classic curved can be linked to a Premier Classic flat or a Premier 300 (curved or flat) as they all have the same 4 - Way hubs at the same height and are therefore compatible.



As you push the magnetic bars into the 4 - way hub, you will hear a click, which indicates a secure connection. Connection is achieved when the two points circled attach together.



These hanging pins are used to position the top of the panels.



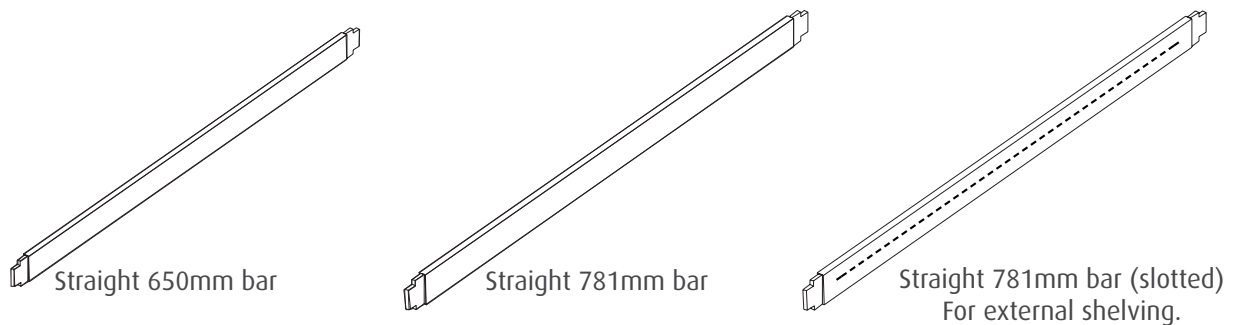
# Premier Bars, Hinge & Connectors:

## Magnetic Bars

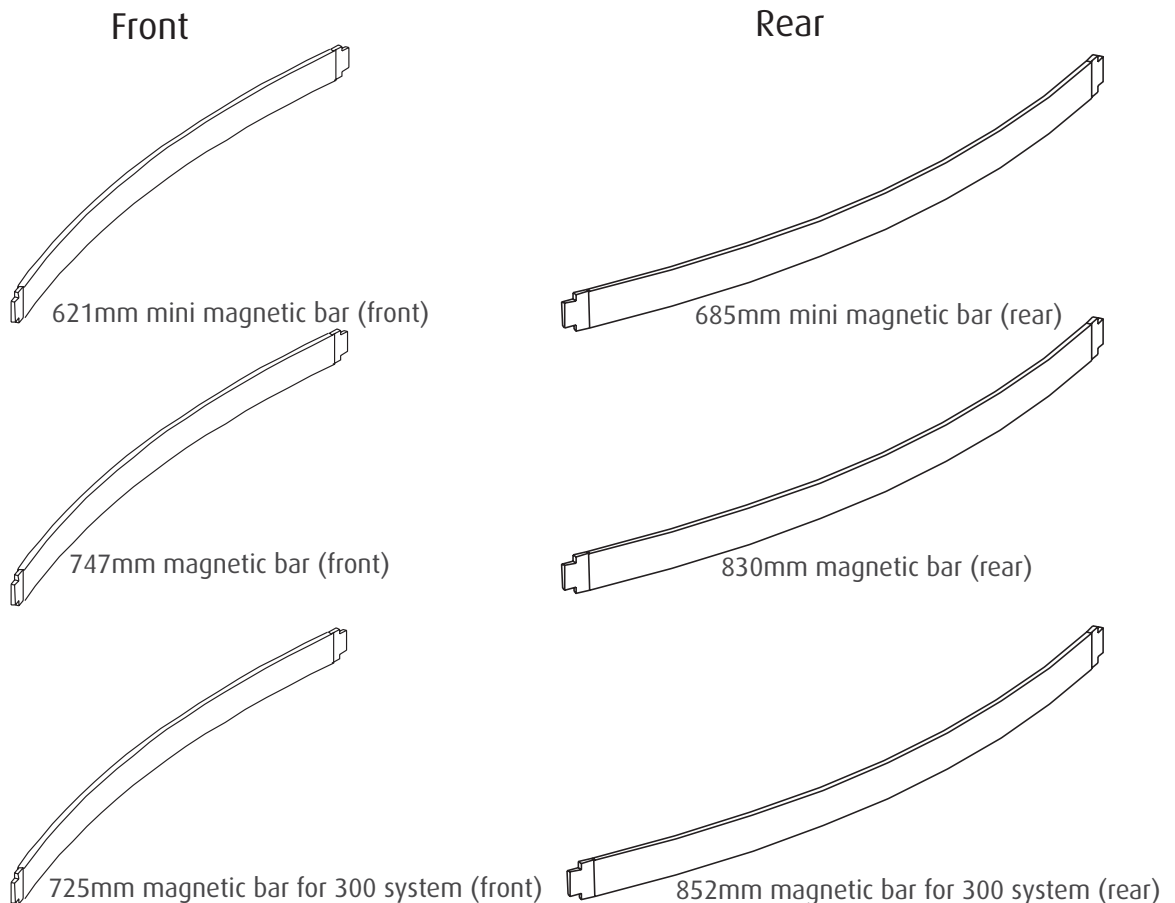
Magnetic bars are an integral part of the system as they add stability and strength. The front magnetic bars allow panels to magnetise onto the concave part of the system, while rear magnetic bars allow connection to the convex.

The straight 781mm magnetic bar is also available with slots running down its' length. This is for the inclusion of shelving or product showcases on magnetic systems. Where shelving is not required standard bars are supplied as these will not allow any light to pass through panel joins.

### Standard Magnetic Bars



### Curved Magnetic Bars

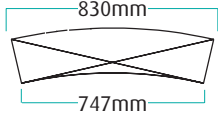
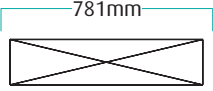
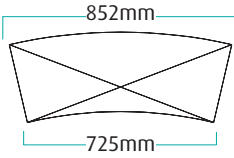
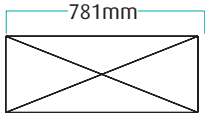
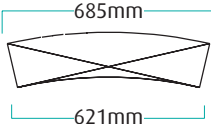
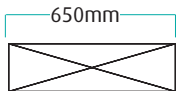




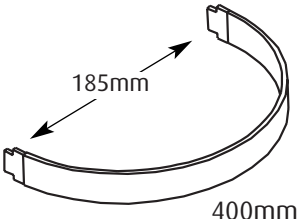
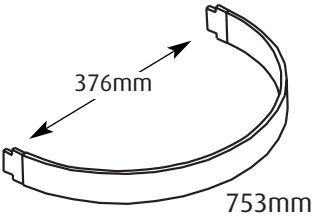
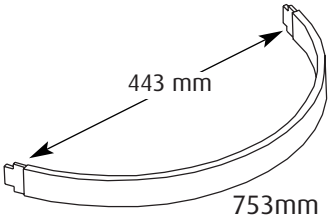

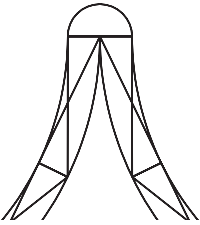
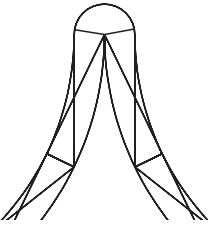
# Premier Bars, Hinge & Connectors:

## Magnetic Bars

Magnetic Bar sizes and quick reference table.

System	Curved	Straight
Classic		
P300		
Mini		

### Magnetic End Cap Bars

	Classic End Cap	Double End Cap-narrow	Double End Cap-wide
Dimensions			
Placement			
Use	Classic End Cap bars allow use of an End Cap show case and add extra stability to the ends of the frame.	Classic Double End Cap bars provide extra stability when two systems are linked back to back.	Classic Double End Cap wide bars are used to join three curved 3 x 2 Premier Classic frames to make a triangular tower.

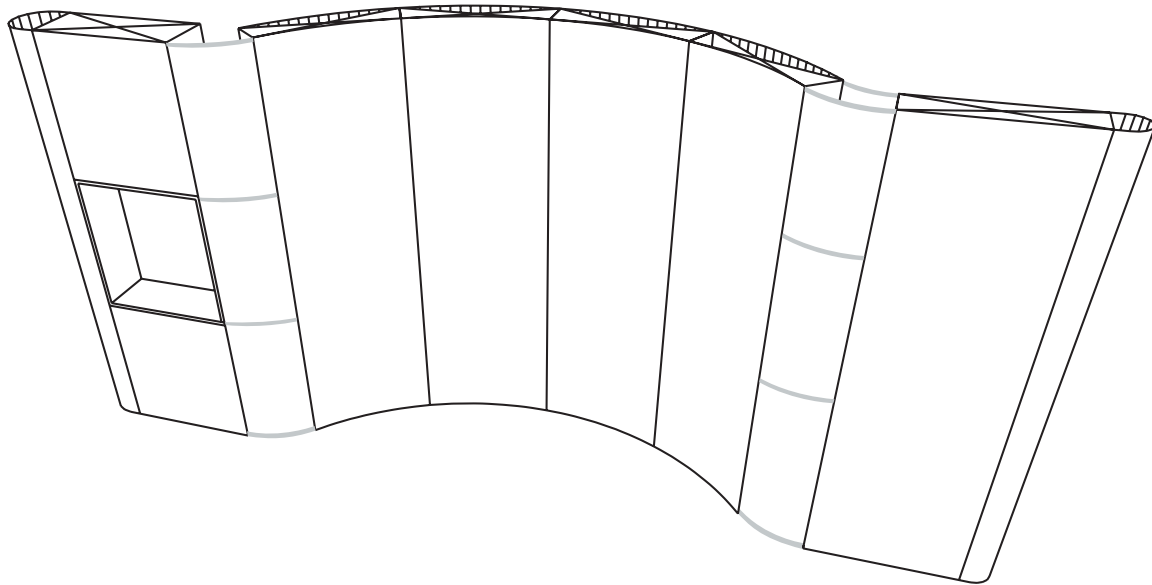
# Premier Bars, Hinge & Connectors:

## Examples of use

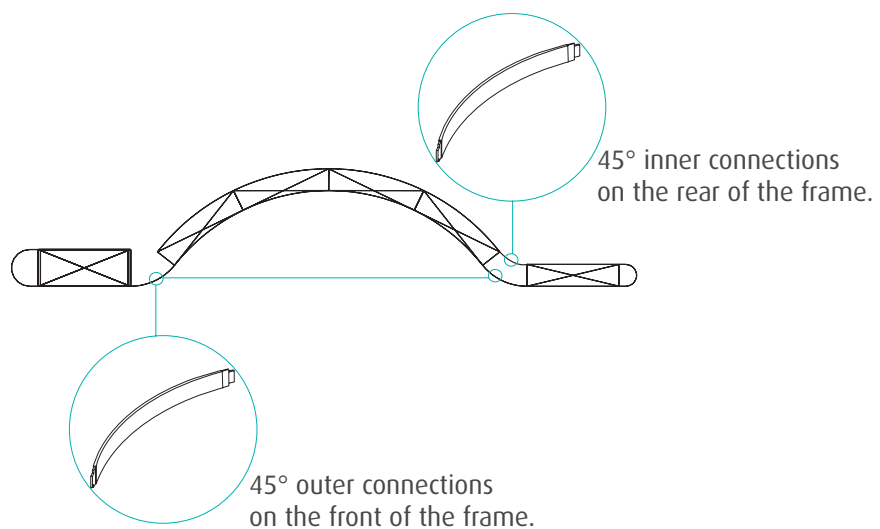
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Here is a popular example of linking flat and curved classic and P300 frames via 45° inner outer connections.

### Front view



### Overhead view



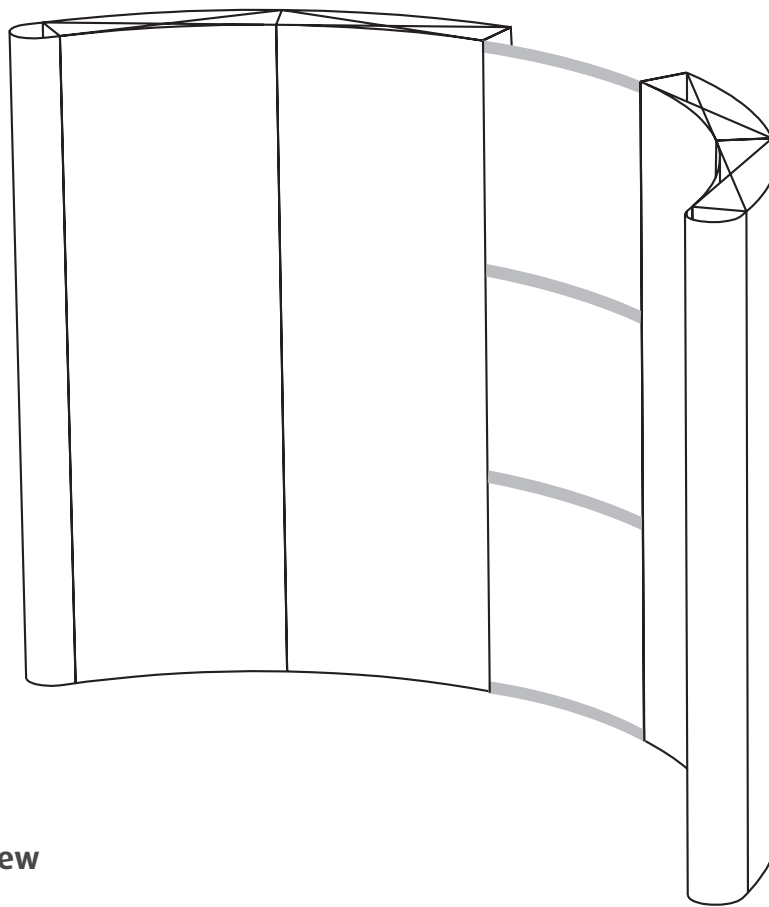
# Premier Bars, Hinge & Connectors:

## Examples of use

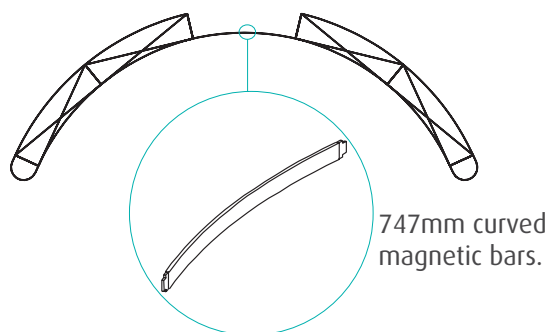
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The illustration below shows two frames linked by three 747mm curved magnetic bars to create a ghost panel. This effectively makes a system 5 panels wide. If it is to be an island site, rear curved bars can be added to the back of the frame and panels then applied to complete a seamless look.

### Front view



### Overhead view



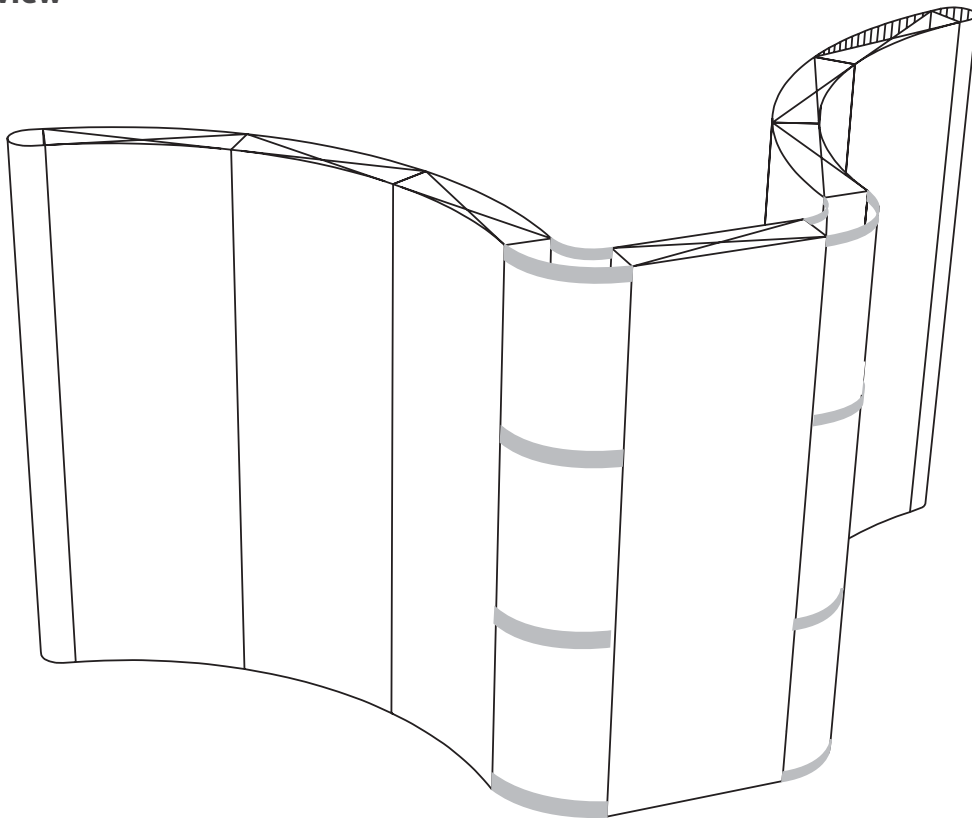
# Premier Bars, Hinge & Connectors:

## Examples of use

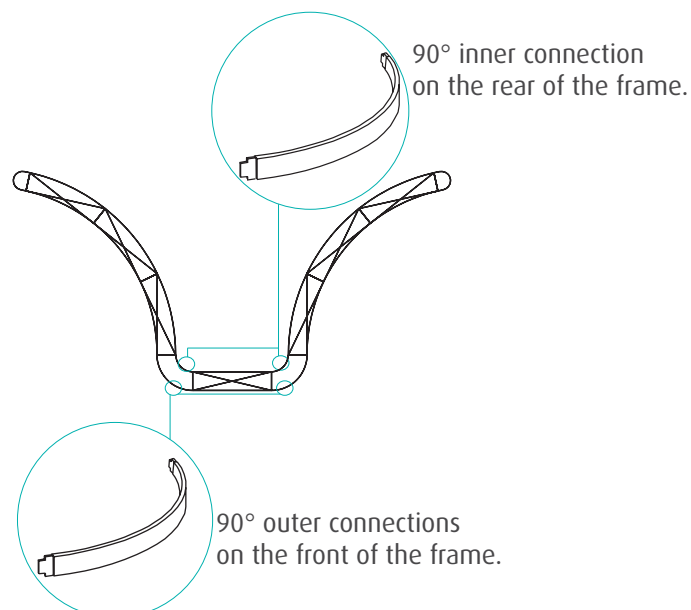
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Here you can see an effective linking of curved and flat frames using six of each 90° inner and outer magnetic connectors.

### Front view



### Overhead view

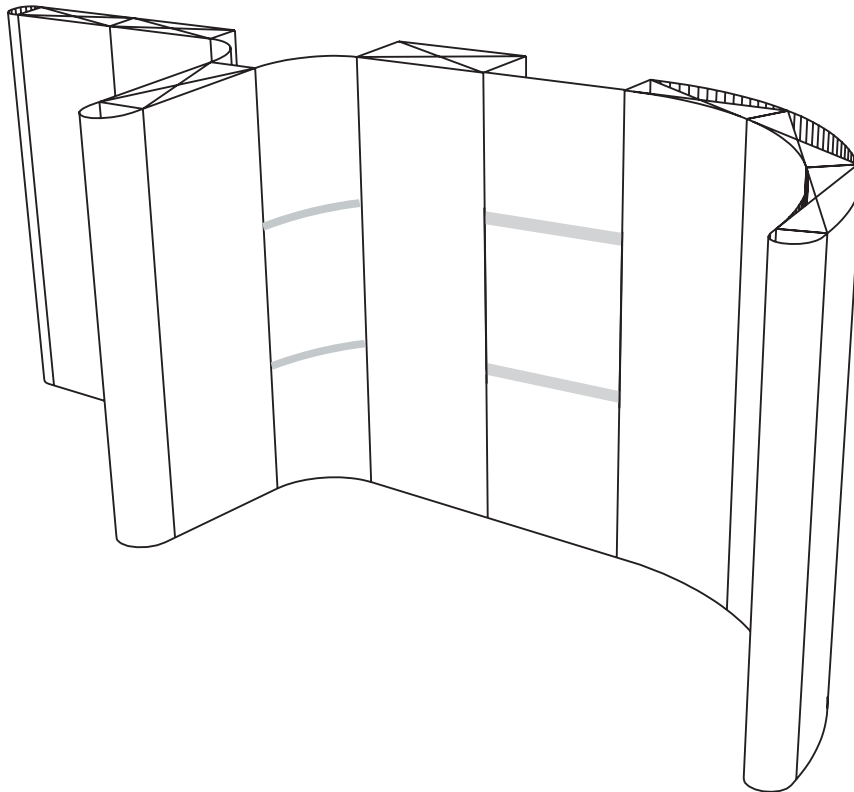


# Premier Bars, Hinge & Connectors:

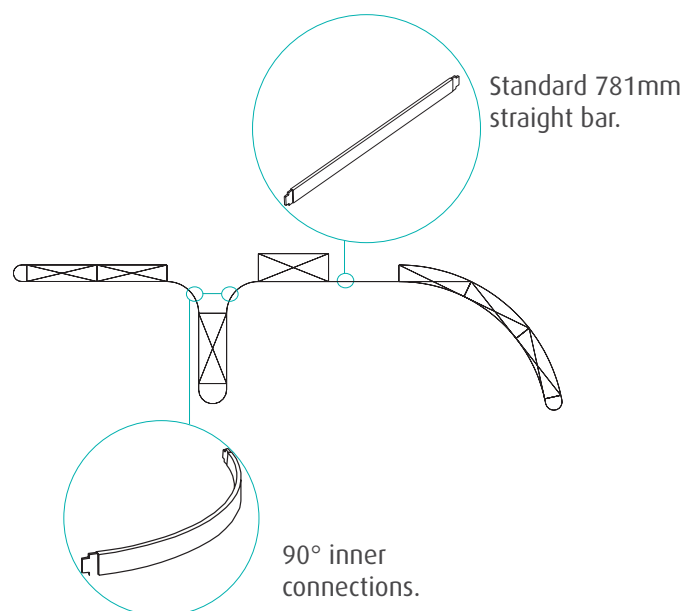
## Examples of use

The illustration below shows how Classic curved, flat and 300 frames can be linked via three straight 781mm bars and 90° curved connectors.

### Front view



### Overhead view



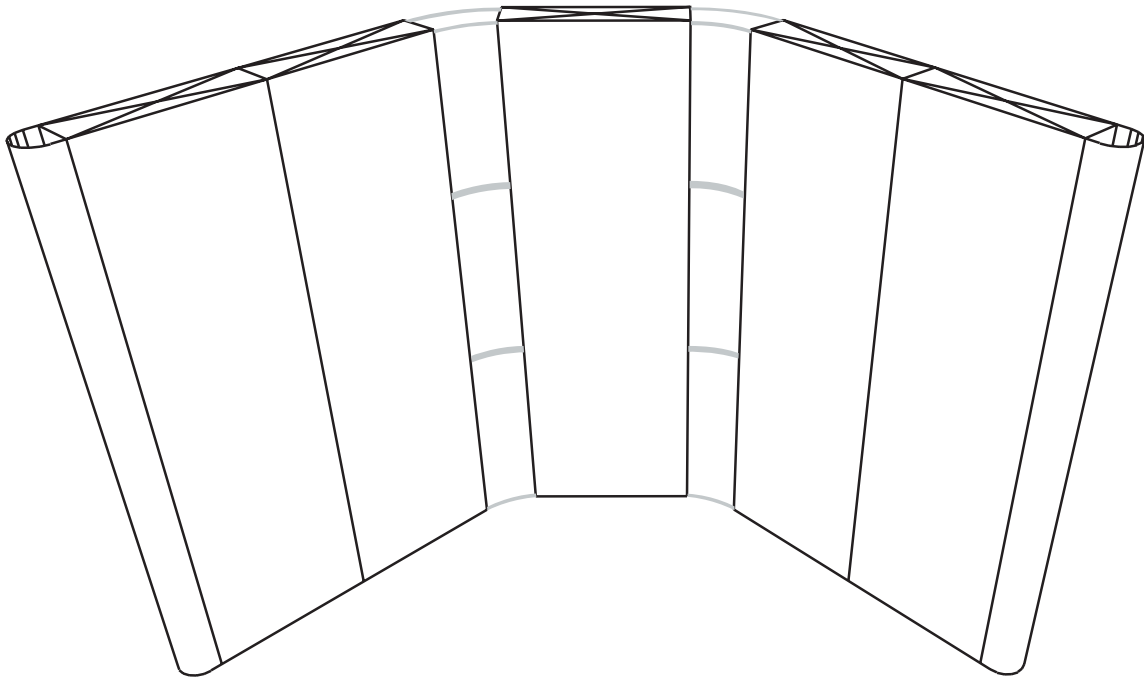
# Premier Bars & Connectors:

## Examples of use

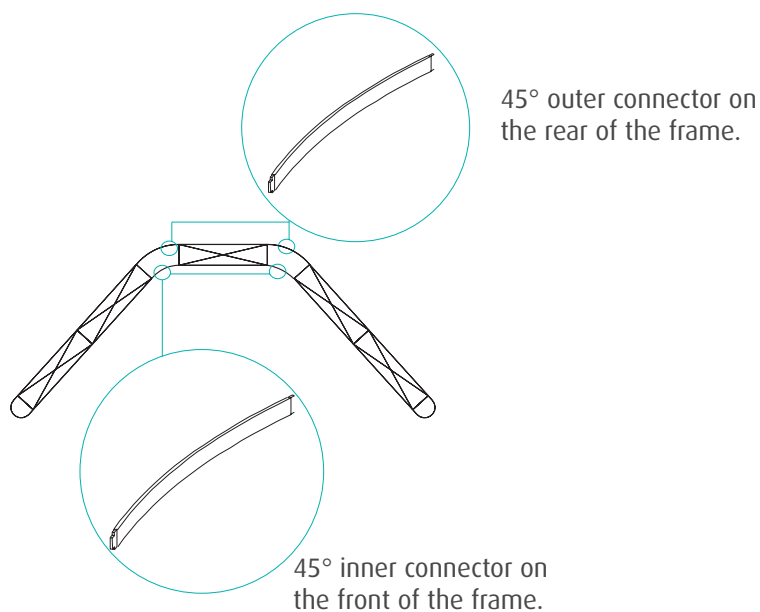
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Here is a simple variation on the corner site created by linking Classic flat frames with six of each 45° inner and outer curved connectors.

### Front view



### Overhead view



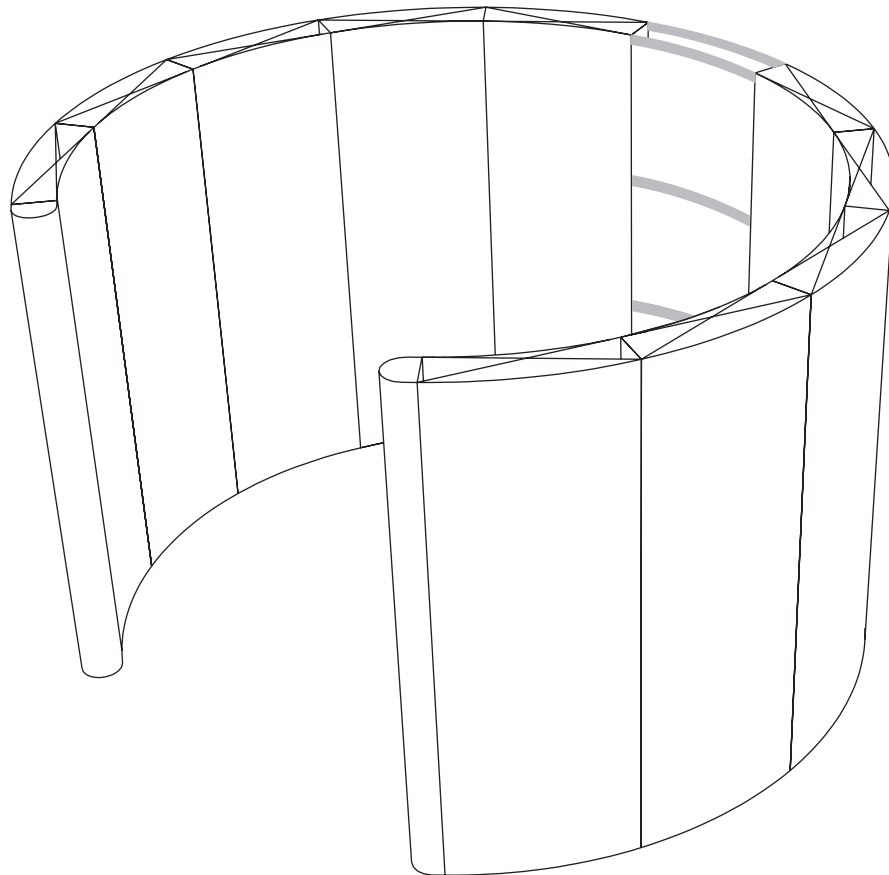
# Premier Bars & Connectors:

## Examples of use

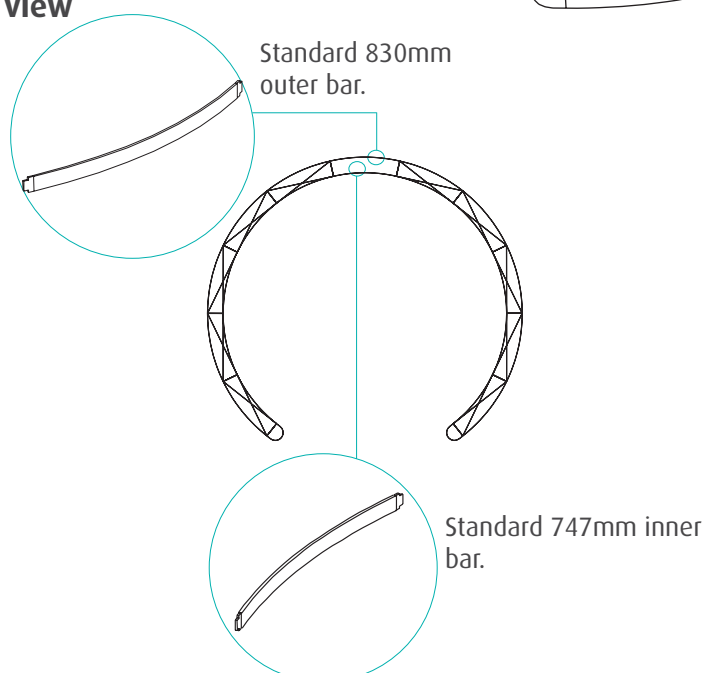
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The illustration below shows how two 3 x 5 Classic frames are joined by three 747mm inner bars and three 830mm outer bars to create a conference room three quads high and eleven quads round.

### Front view



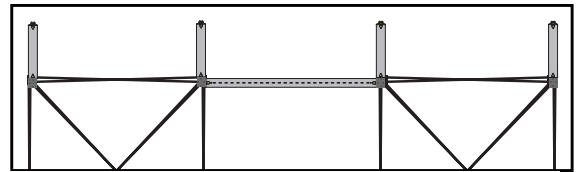
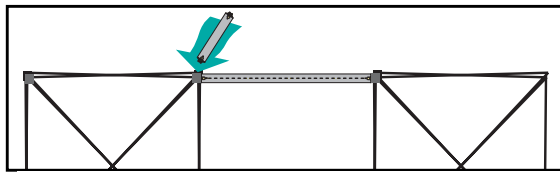
### Overhead view



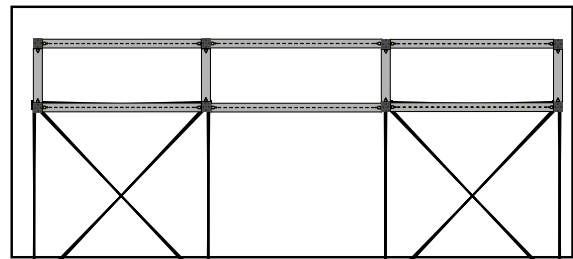
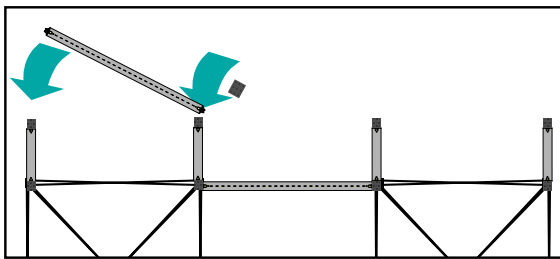
# Premier Bars & Connectors:

## To create custom height displays

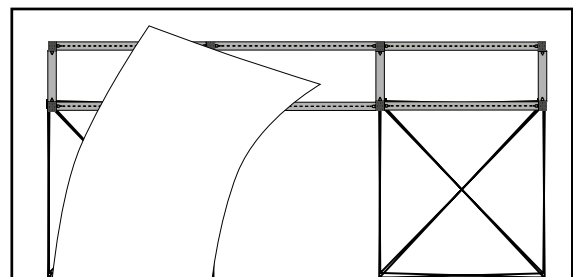
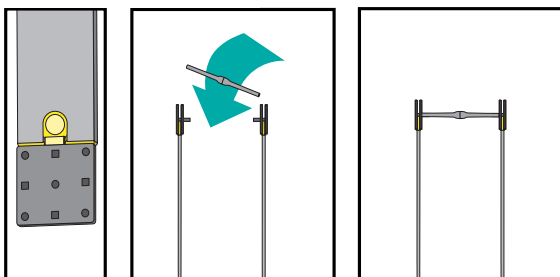
Custom height displays can be created by using a combination of bars, connectors and 4-way hubs. This means that the system can be built higher without the use of additional framework.



The two diagrams above show that straight 400mm connectors have been inserted into the top of each of the 4 - way hubs



The two diagrams above demonstrate that further 4-way hubs are attached to the top of the connectors and straight 781mm bars added horizontally between the connectors for stability (the same has been done at the rear of the structure, so locking arms can be placed at the front and the rear 4 - way hub for added stability).



The two diagrams above demonstrate that any straight connectors and bars can be used (up to 781mm) to create additional height.

The two diagrams above shows that once the additional connectors and bars are in place, custom height panels are able to be hung in the usual way.

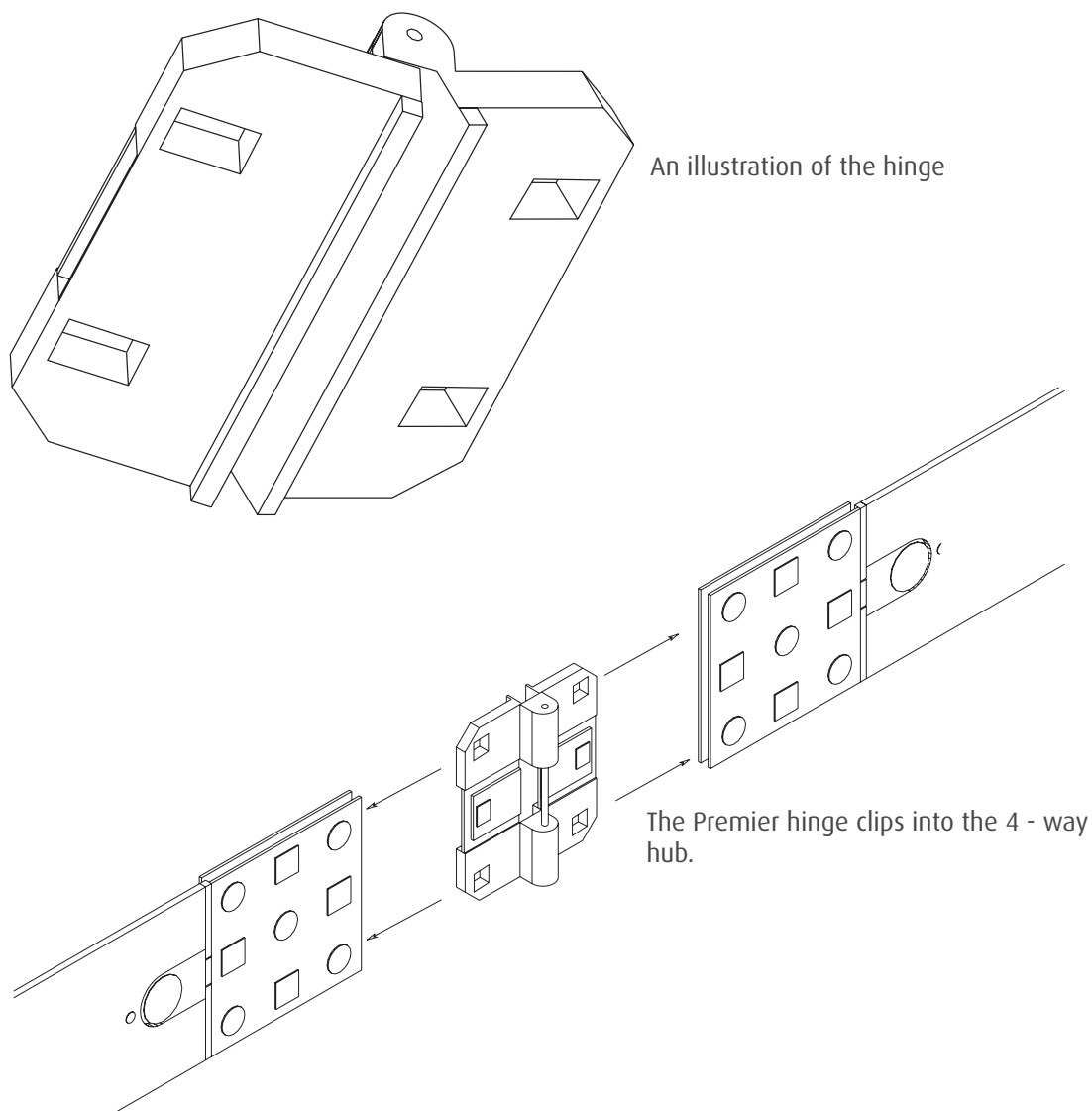


# Premier Bars & Connectors:

## Hinge-horizontal connection

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An alternative method of linking frames is by using Premier hinges. Premier hinges clip into the 4-way hubs in the same way as magnetic bars. They allow greater flexibility, enabling them to be positioned at whichever angle is required, up to a 180° rotation. Premier hinges can be used to connect any standard height frame to another, whether curved, flat, Premier Classic or Premier 300. All mini frames can also be joined to each other in the same way.

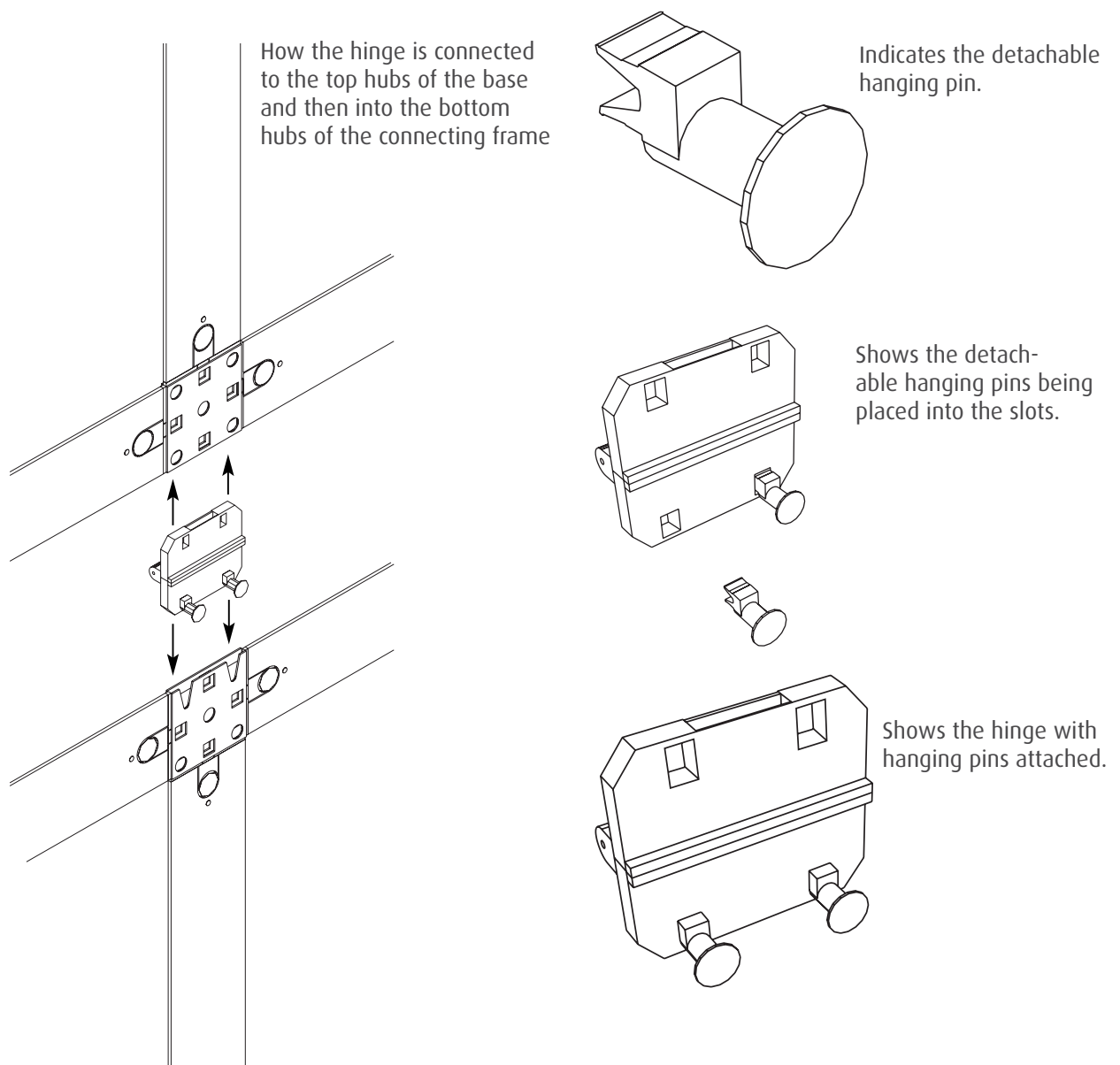


# Premier Hinge:

## Hinge - vertical connection

Linking Premier frames to other Premier frames vertically can also be achieved through the use of the Premier Hinge. It slots into the top of the 4-way hubs of each frame, enabling you to position other frames on top to add height to your system. However, unlike the horizontal connection, you cannot hinge flat frames to curved frames or classic frames to P300 frames. The frames being linked must be of the same type.

When using the hinge to link vertically you must insert hanging pins into the slots of the hinge to enable graphics to be put in place.

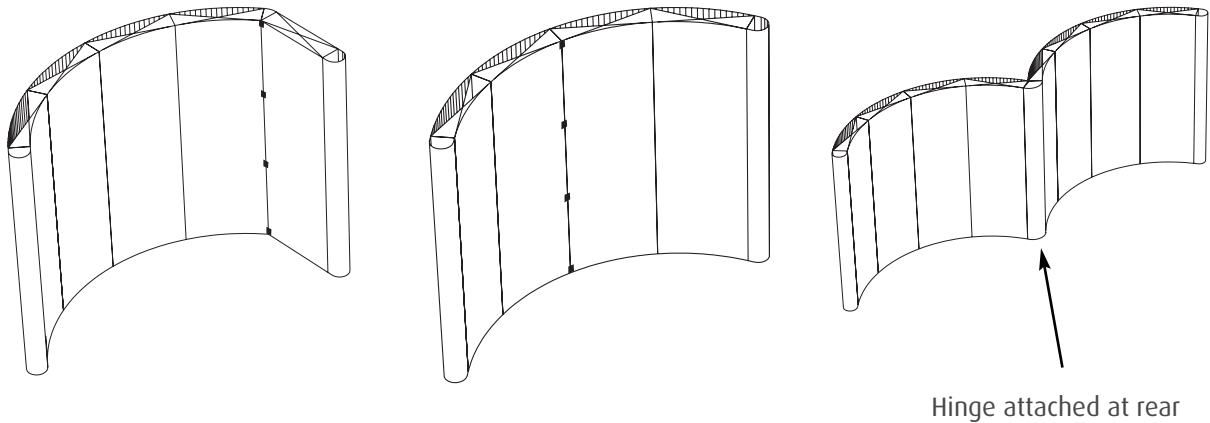


# Premier Hinge:

## Horizontal & vertical connection

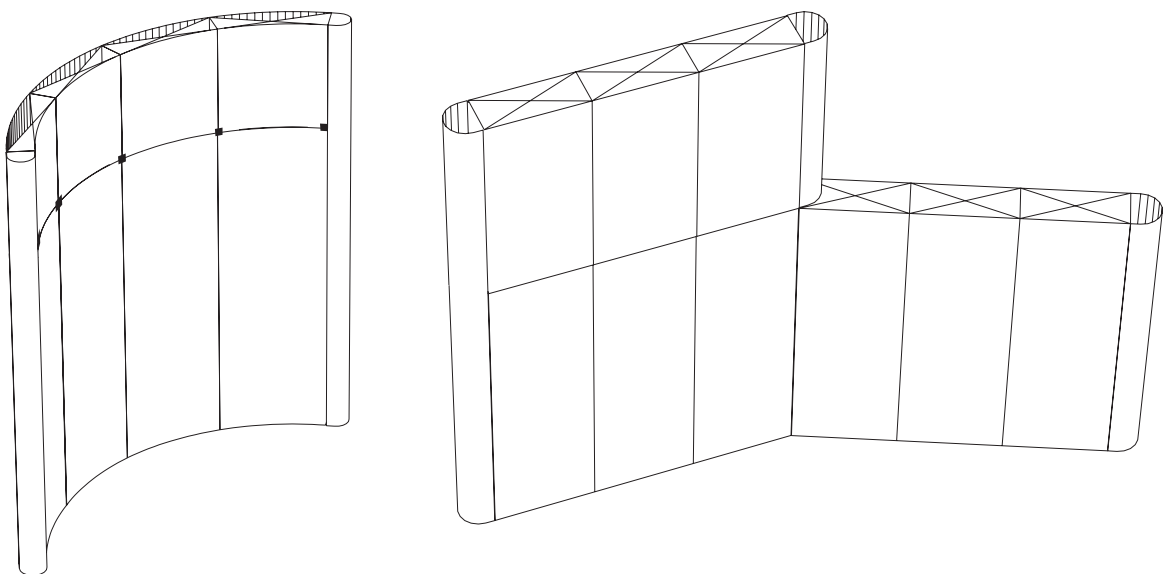
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Examples of how a horizontal connection can be achieved using the Premier Hinge.



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Examples of how a vertical connection can be achieved using the Premier Hinge.

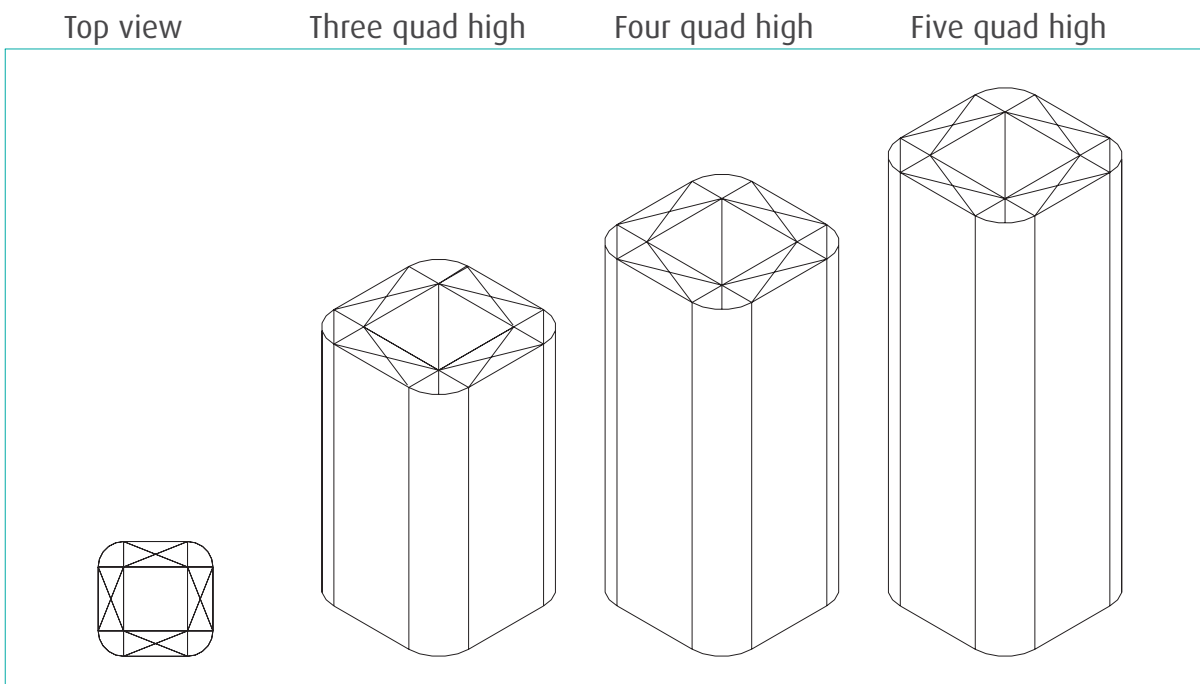


# Premier Enhancements:

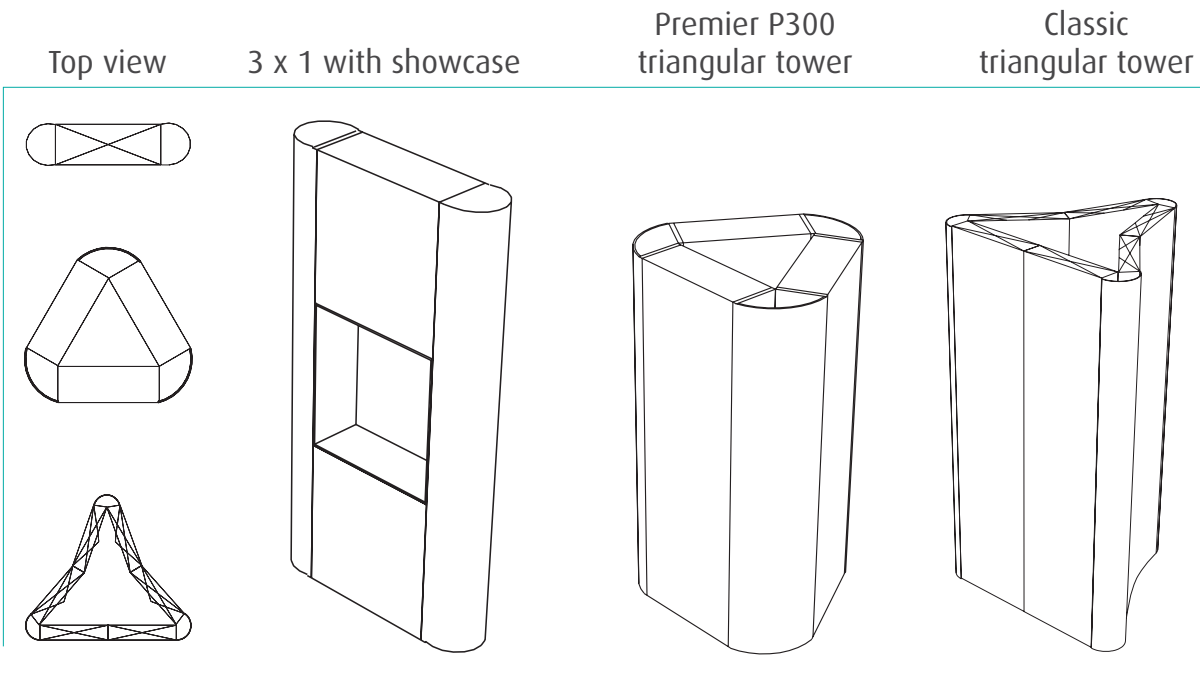
## Towers

Premier towers come in a variety of shapes and forms and can be made up using any of our frame types. Most effective in larger spaces, towers are a great way of enhancing your exhibition stand design by using Premier pop-up frame work.

The square towers below are comprised of four Premier P300 frames linked together using hinges.



Further examples below show that multiple configurations can be achieved with unlimited heights.

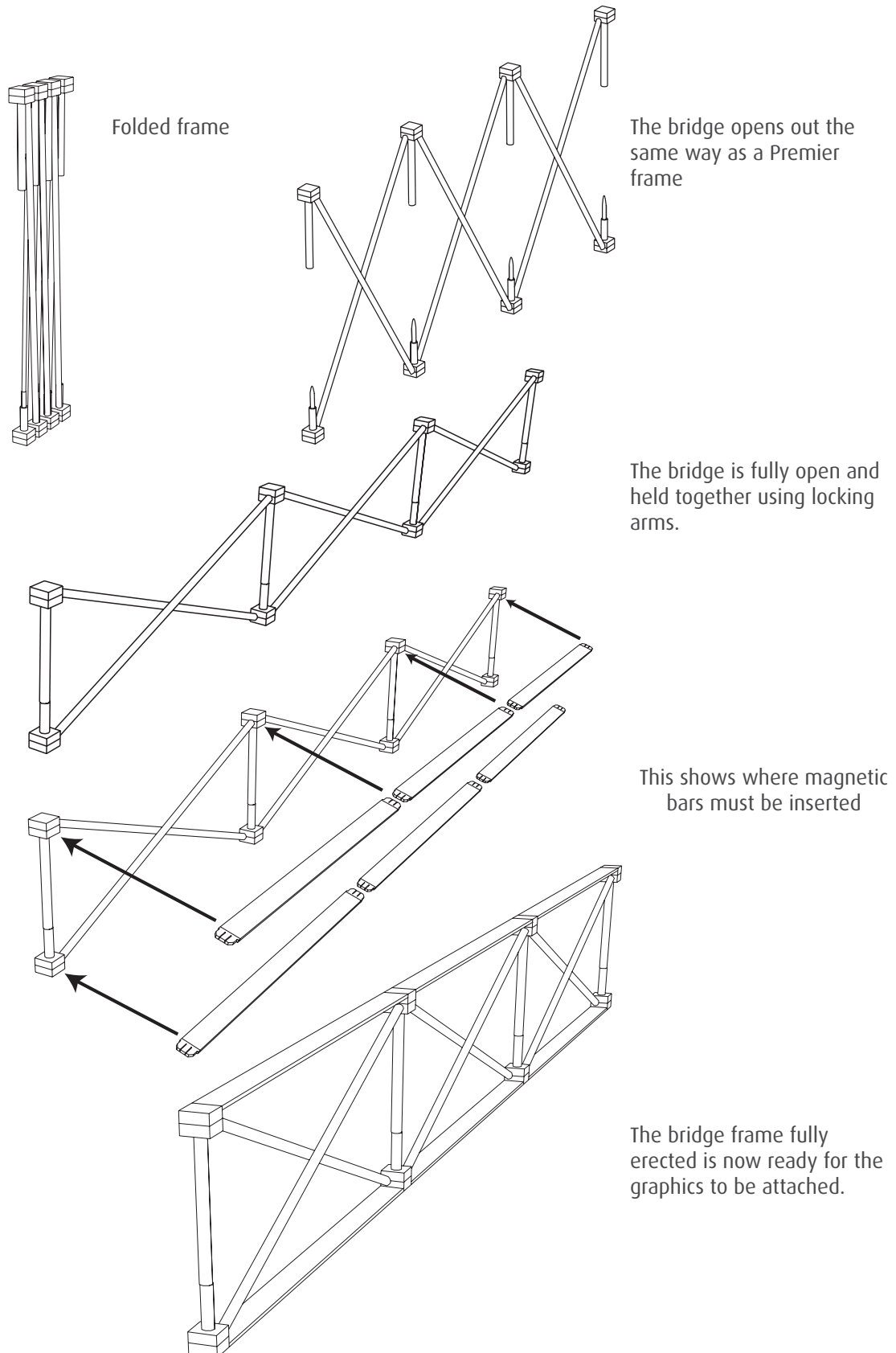


# Premier Enhancements:

## Banner Bridge construction

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The banner bridge is constructed using pop-up technology. The addition of magnetic bars ensures strength and ease of use.

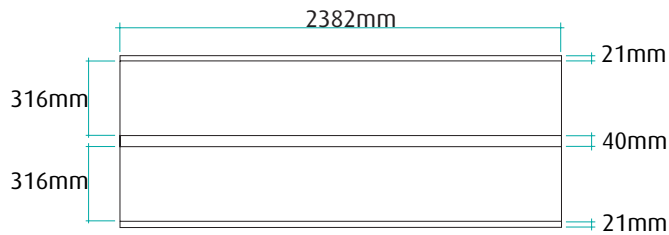


# Premier Enhancements:

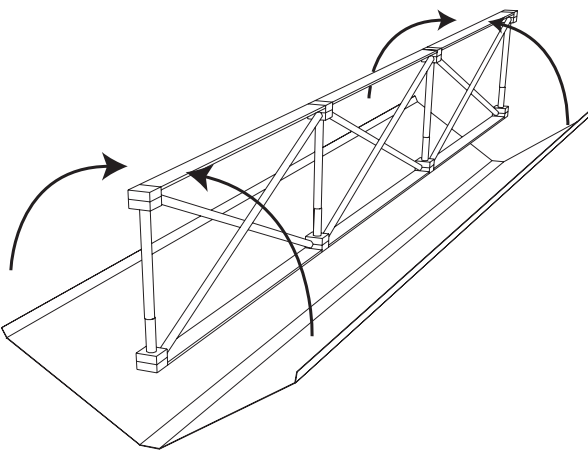
## Banner Bridge graphic attachment

The instructions below take you through the process of hanging graphics and attaching them to your frame.

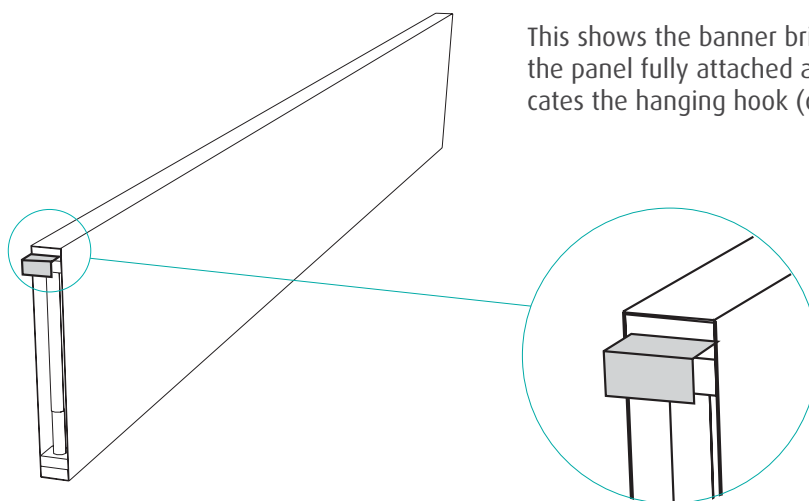
### Option 1 - standard banner bridge.



Shows the dimensions of the panel to fit a 3 - quad banner bridge. The panel is made in five strips, and stuck together using cross-weave tape.



This shows how the banner wraps around the banner bridge. The two 21mm sections of the panel meet at the top of the bridge and are secured by magnetising to the top magnetic bar.



This shows the banner bridge with the panel fully attached and indicates the hanging hook (circled).

This shows an enlargement of the hanging hook. This is used to attach the banner bridge to a horizontal bar on the frames that you are connecting to.

# Premier Enhancements:

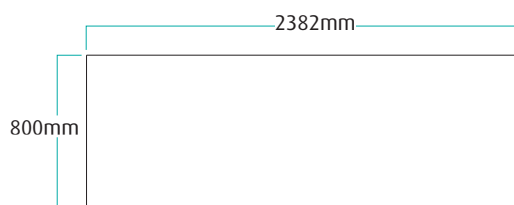
## Circular Banner Bridge graphic attachment

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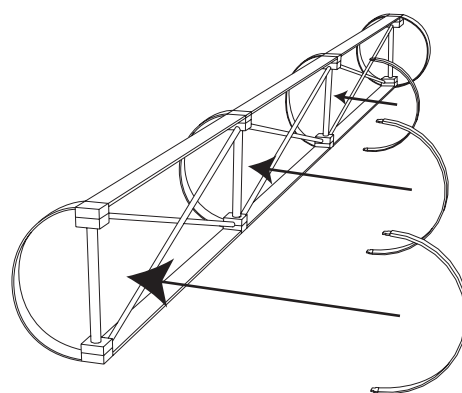
This is a version of the banner bridge using Premier Classic framework with end cap connector bars.

The instructions below take you through the process of hanging graphics and attaching them to your frame.

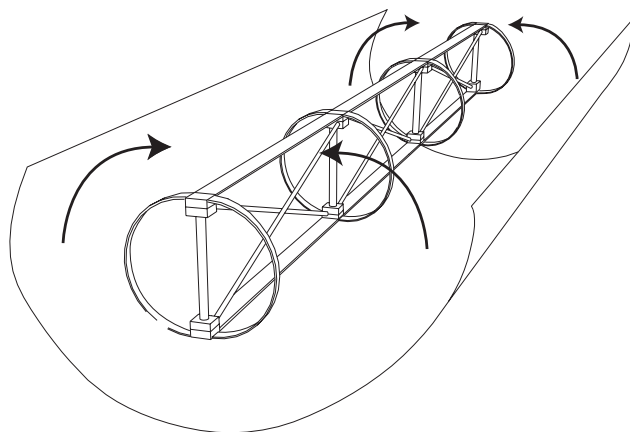
### Option 2 - narrow circular bridge.



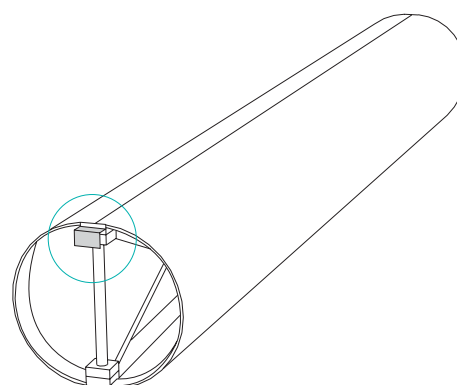
These are the dimensions of a panel to fit a circular banner bridge.



This shows how the end cap magnetic bars are added to create the circular shape.



This shows how the panel wraps around the banner bridge, and magnetises to the top magnetic bars.



This is a banner bridge with the panel fully attached and showing the hanging hook (circled)

# Premier Enhancements:

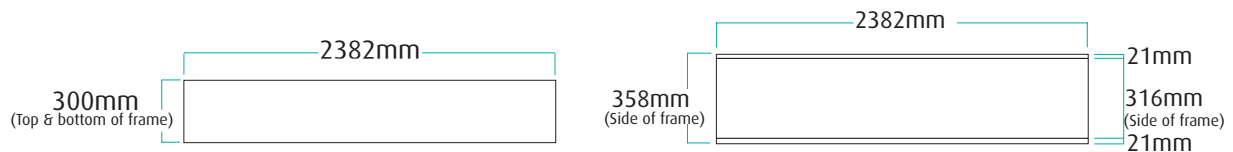
## Square Banner Bridge graphic attachment

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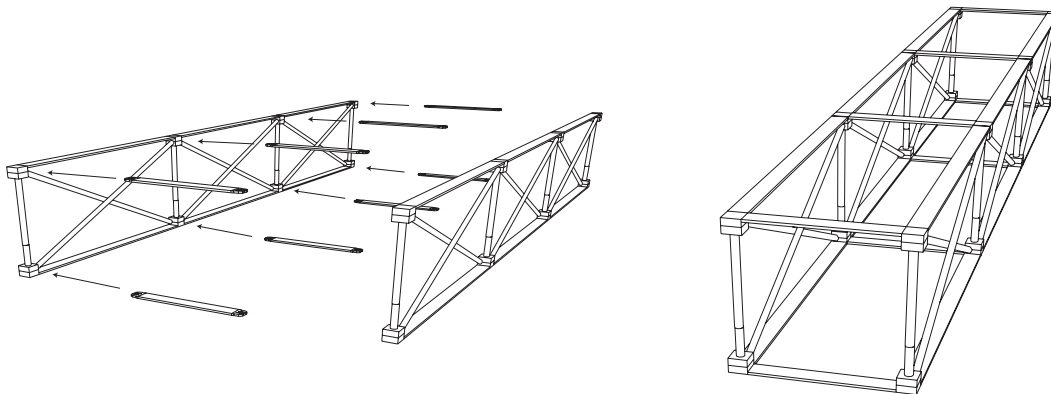
The square banner bridge is comprised of two banner bridges joined together with ghost bars.

The instructions below take you through the process of hanging graphics and attaching them to your frame.

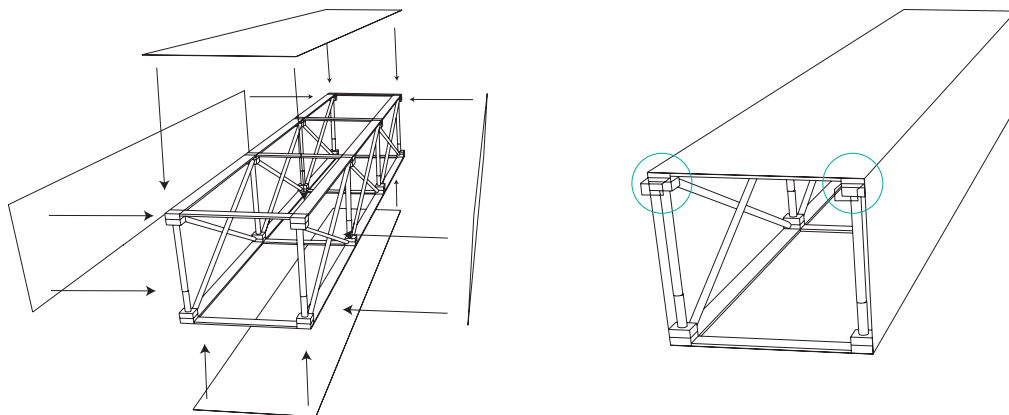
### Option 3 - Square Banner bridge.



These show the dimensions of the panels to fit a 3 - quad square banner bridge. These are all made as separate panels, and magnetise to fit the banner bridge individually.



These show how the two singular banner bridges are joined together with 300mm connector bars to form a square banner bridge.



This shows how the four separate panels are attached to the banner bridge.

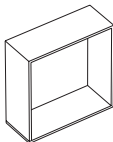
This shows the banner bridge with the panels fully attached and showing the hanging hooks (circled).



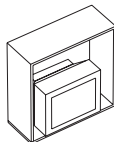
# Premier Enhancements:

## Showcase

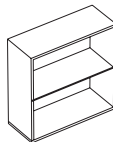
Showcase



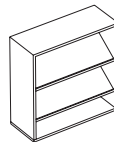
Showcase with monitor



Showcase with one flat shelf

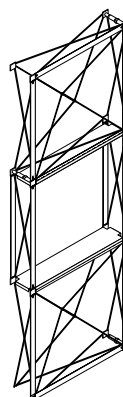
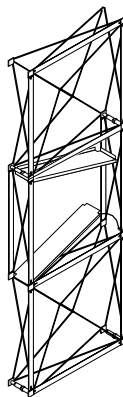
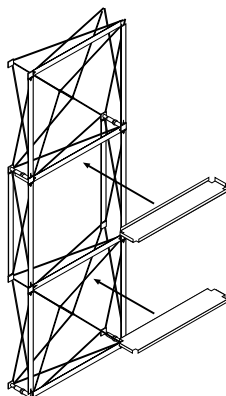


Showcase with two sloping literature shelves

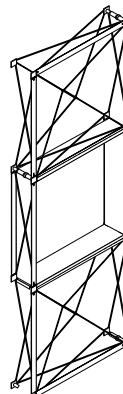
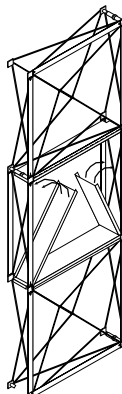
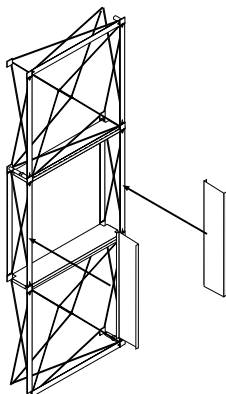


### Setup Instructions

These show that the top and bottom of the shelves are positioned into the middle of the P300 or Classic frame, so that the shelf is supported on top of the magnetic bars.



These show that whilst holding the top of the showcase, the two side panels are positioned as shown. The showcase is now ready for use.

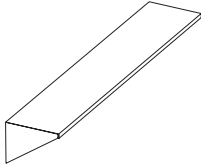


# Premier Enhancements:

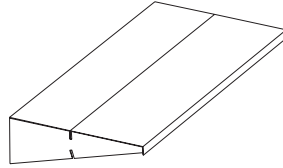
## External Shelving

All external shelf variations are available for Classic, mini and P300 systems.

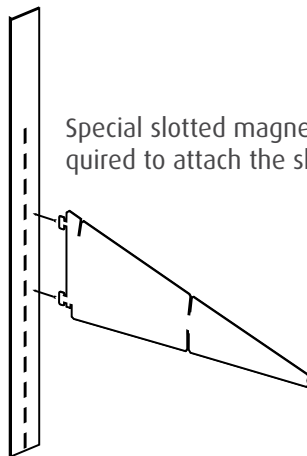
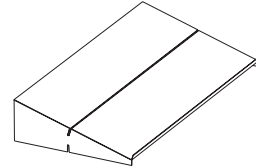
Front shelf single



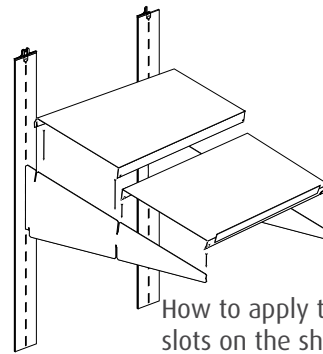
Front shelf double



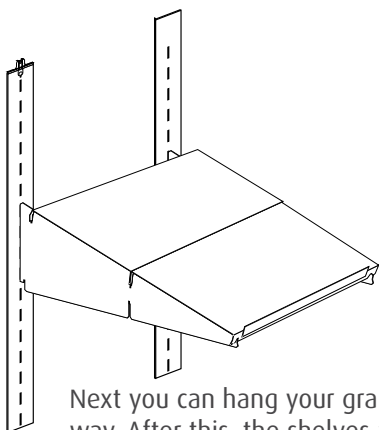
Literature shelf



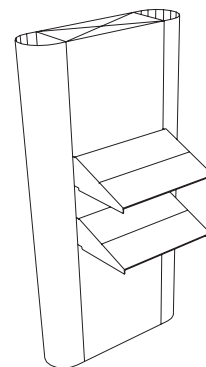
Special slotted magnetic bars are required to attach the shelf to the frame.



How to apply the shelves into the slots on the shelf rests.



Next you can hang your graphics in the usual way. After this, the shelves are ready to be inserted into the slots on the shelf supports.



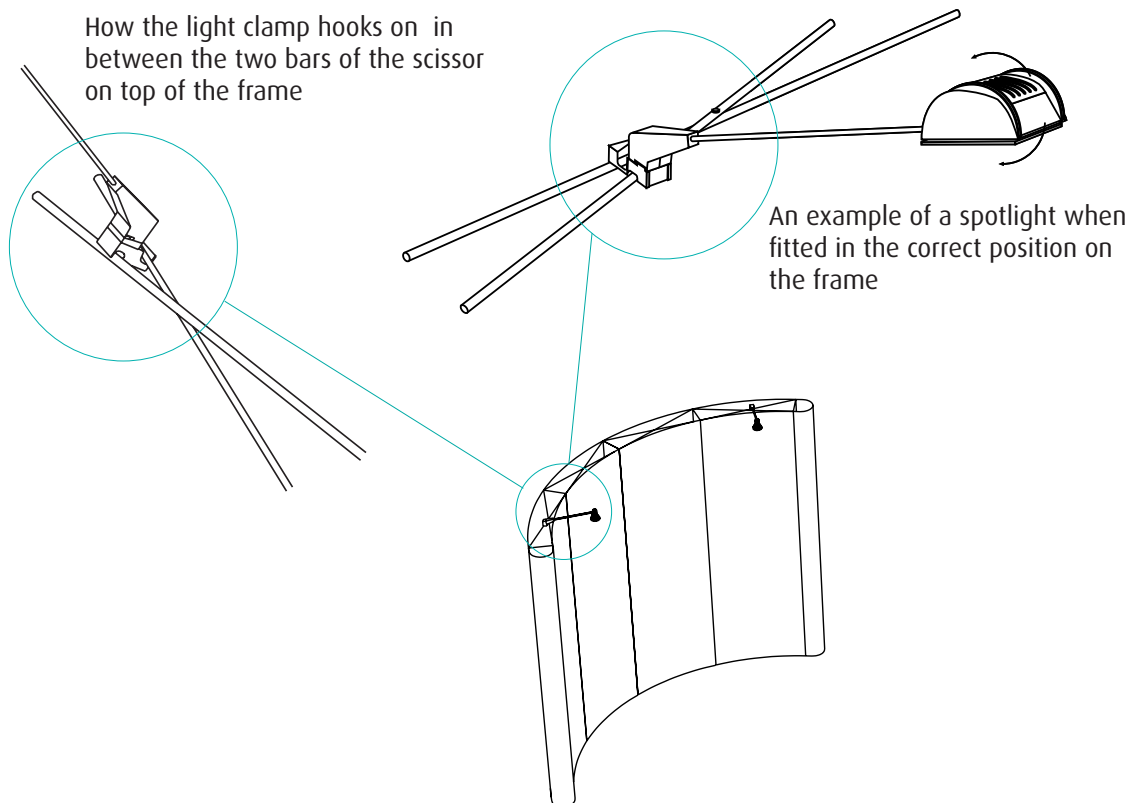
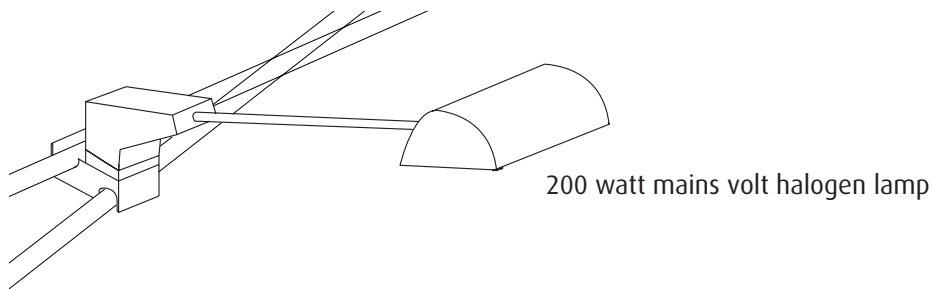
The shelves are now ready to be used for literature display or supporting keyboards.

# Premier Enhancements:

## Spotlight

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All spotlights are available for Classic, mini and P300 systems.



**IMPORTANT:**

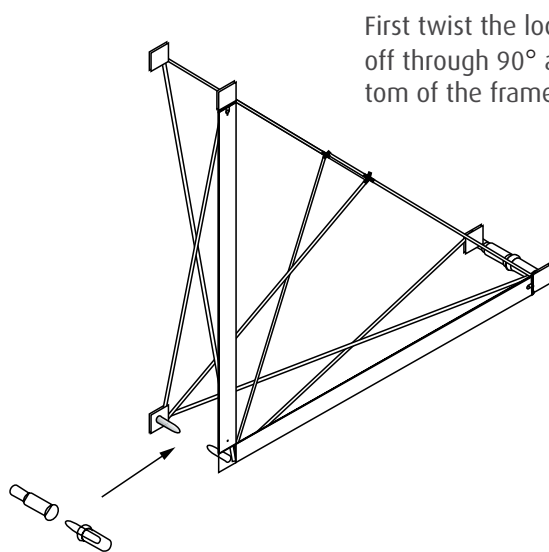
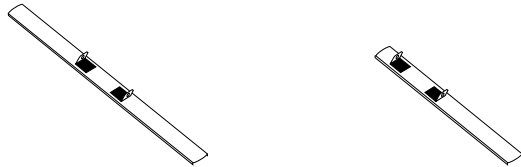
- (A) It is advisable to attach the light to the frame before you apply any graphic panels.
- (B) Take care with the lights as they do get VERY hot.
- (C) Lights are attached to the left side of the rivet.

# Premier Enhancements:

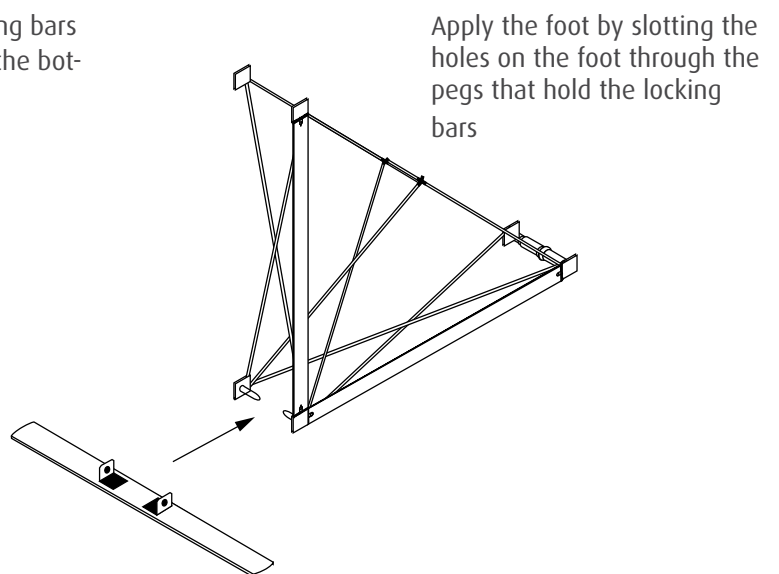
## Stabilising Feet

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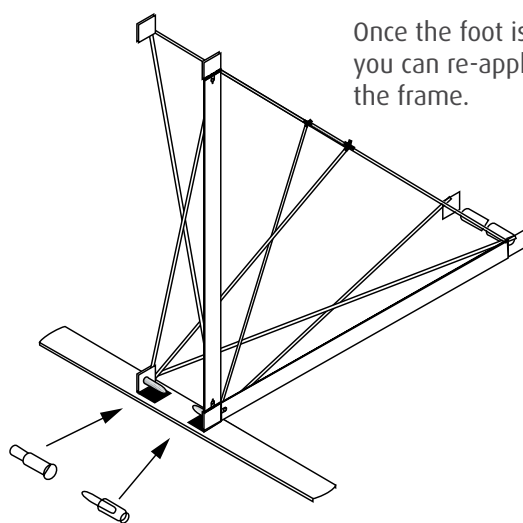
Frame feet provide support and stability for all systems.



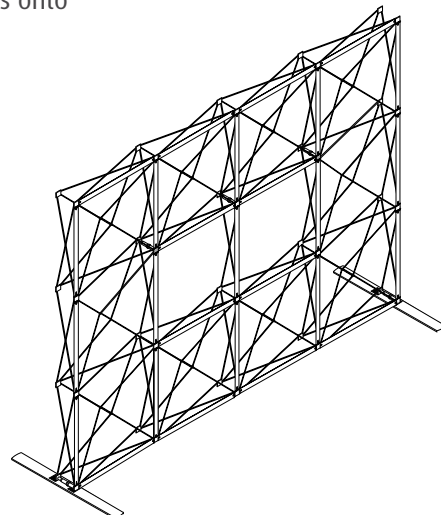
First twist the locking bars off through 90° at the bottom of the frame



Apply the foot by slotting the holes on the foot through the pegs that hold the locking bars



Once the foot is secured on the pegs you can re-apply the locking bars onto the frame.

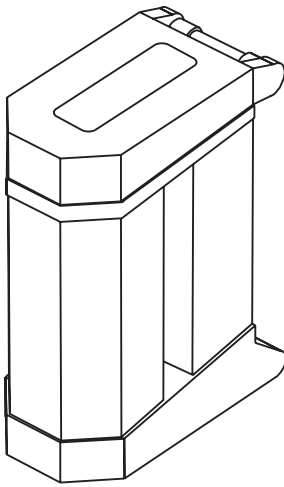


The foot is now secure and the display can stand freely.

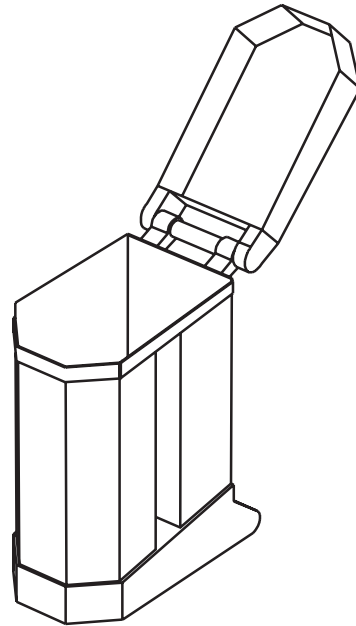
# Premier Enhancements:

## Two Wheeled Case

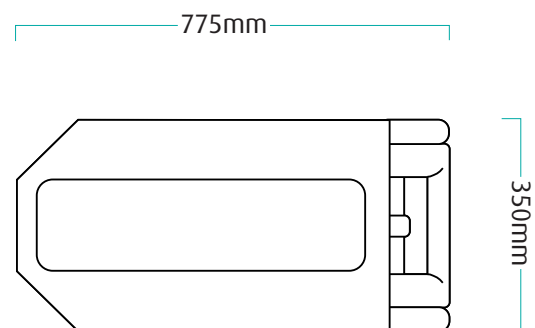
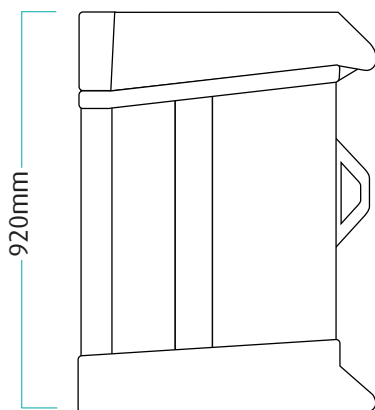
The two wheeled case holds the equivalent of a 3 x 4 and a 3 x 1 frame along with the magnetic bars and spotlights. The graphics are also contained in the case and are separated from the 'hardware'.



Two wheeled case



Two wheeled case with open lid.



# Premier Enhancements:

## T10 Case

Two drums that can be used and transported either individually or locked together. Thus conforming to most carriers weight restrictions when shipping locally or overseas.

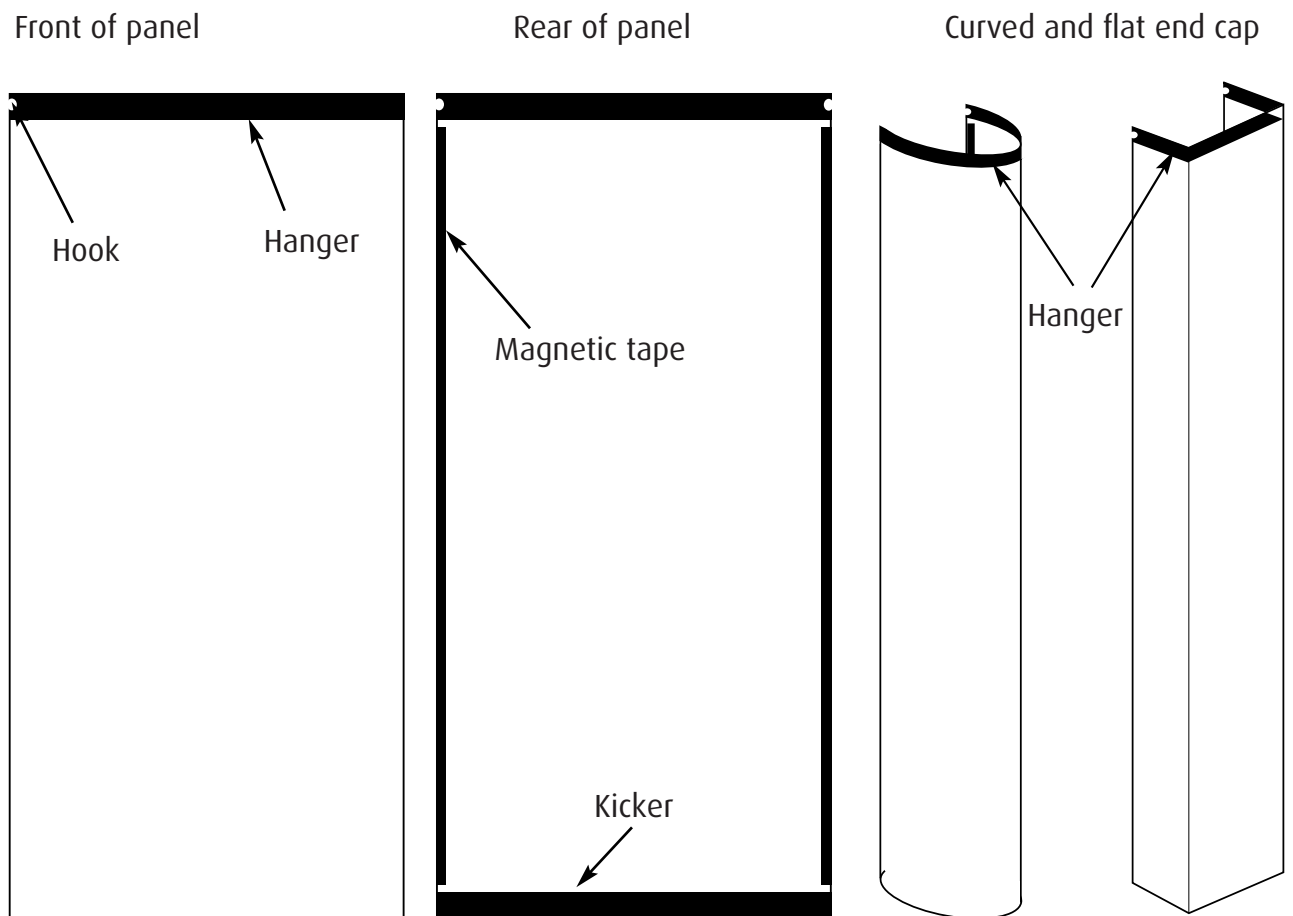


- Internal space for 4 front + 4 rear panels + 2 end caps (in one drum)
- Space for at least 3 x 4 frame, accompanying magnetic bars and 3 sets of lights ( in one drum)
- Meets UPS shipping requirements
- The larger of the two lids can be used as a step-up stool. Very useful when hanging the graphics.
- New lockable reinforced locking clasps to secure lids (these can also be padlocked for extra security)

# Premier Panel Components:

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Panels are available in nyloop, frontrunner and printed graphics.



When hanging panels ensure that the hook at the top of the panel is positioned onto hanging pins on the 4-way hub.

# Premier Panels Dimensions:

## Standard Panels

### Standard frames All dimensions in millimetres (mm)

	Panel widths (per quad)			
	Front	Rear	Curved end	Flat end
Classic curved	747	830	400	229
Classic flat	781	781	400	229
P300 curved	725	852	621	358
P300 flat	781	781	621	358

### Mini frames

	Panel widths (per quad)			
	Front	Rear	Curved end	Flat end
Mini Classic curved	621	685	400	229
Mini Classic flat	650	650	400	229
Mini P300 flat	650	650	621	358

### Panel heights

	Panel height					
	1 quad	2 quad	3 quad	4 quad	5 quad	6 quad
Standard frames	781	1562	2343	3124	3905	4686
Mini frames	650	1300	1950	2600	3250	3900



# Premier Panels Dimensions:

## Connector & Infill Panels

Connector description All dimensions in millimetres (mm)

	Panel widths
300mm inner connector	300
464mm outer connector	464
45° inner connector	300
45° outer connector	469
90° inner connector	298
90° outer connector	592
Classic end cap magnetic bar	400
Double end cap magnetic bar	753

Fig. 1

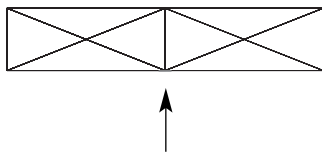


Fig. 2

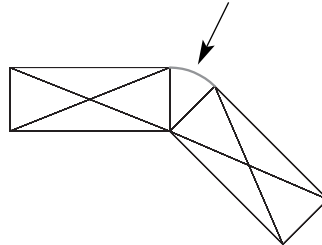


Fig. 3

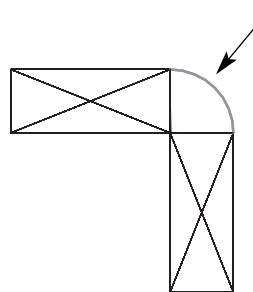
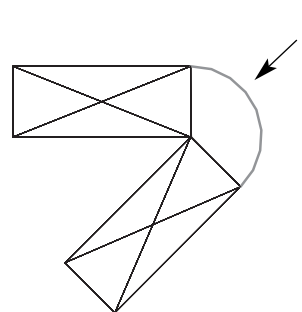


Fig. 4



### Infill Panel





	Panel widths (per quad)	
	Classic frames	Premier P300 frames
Hinge infill (Fig.1 )	46	46
45° Hinge infill (Fig. 2)	182	280
90° Hinge infill (Fig. 3)	330	550
135° Hinge infill (Fig. 4)	510	781

# Premier Panels Dimensions:

## Enhancement Panels

All dimensions in millimetres (mm)

### Towers (connector panel dimensions when hinged on the inside)

		Width
Classic square		330
P300 square		550
Classic triangular		450
P300 triangular		747

### Bridges

	Triple quad Width x height	Double quad Width x height
Standard banner bridge	710 x 2382	710 x 1601
Narrow circular bridge	800 x 2382	800 x 1601
Square banner bridge (Top & bottom sides)	300 x 2382 x 2 358 x 2382 x 2	300 x 1601 x 2 358 x 1301 x 2
Large triangular bridge for 2/3 coverage	442 x 2343	442 x 1562
Small triangular bridge	387 x 2343	387 x 1562

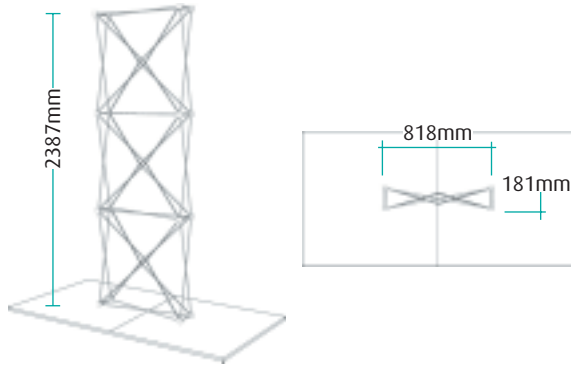
### Case to counter conversion kit

	Width x height
Large wheeled case - 4 wheels	
Sides	410 x 882 x 2
Front/back	714 x 882 x 2
Small wheeled case - 2 wheels	
Sides	360 x 920 x 2
Front / back	688 x 920 x 2

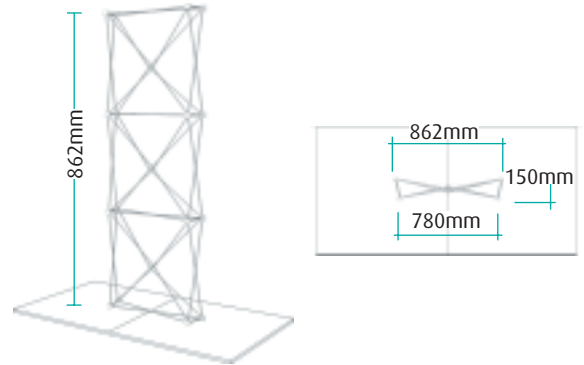
# Premier Pop-up Frame Sizes:

## 3 x 1

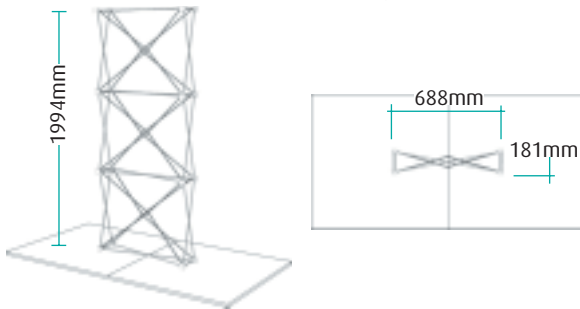
1. Premier Classic straight



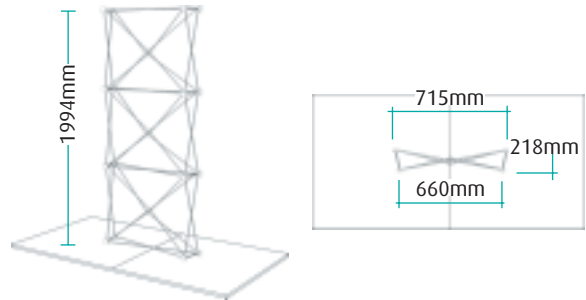
2. Premier Classic curved



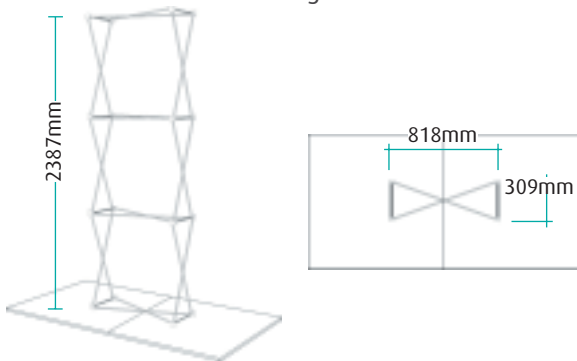
3. Premier Classic Mini straight



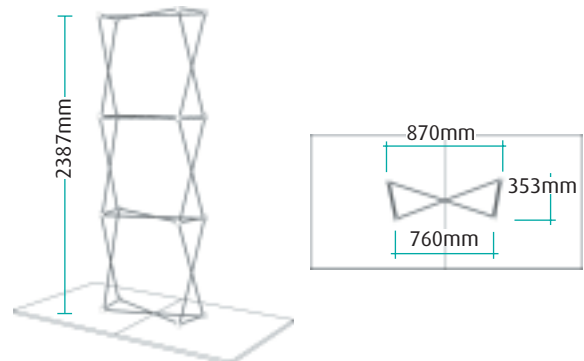
4. Premier Classic Mini curved



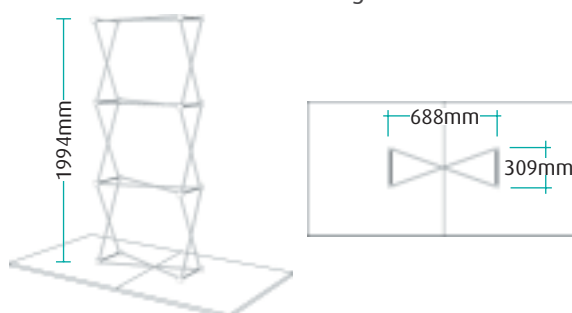
5. Premier P300 straight



6. Premier P300 curved



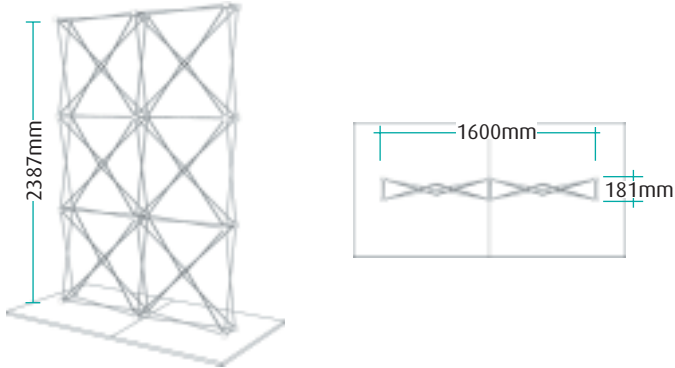
7. Premier P300 Mini straight



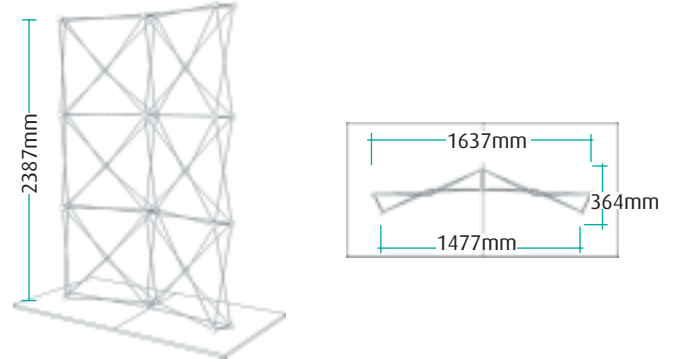
# Premier Pop-up Frame Sizes:

## 3 x 2

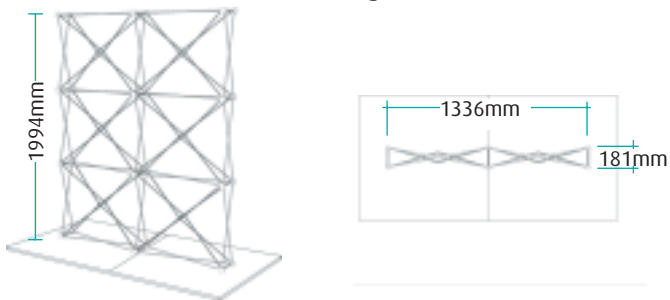
1. Premier Classic straight



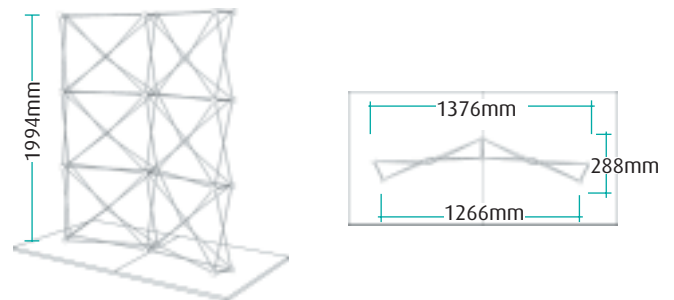
2. Premier Classic curved



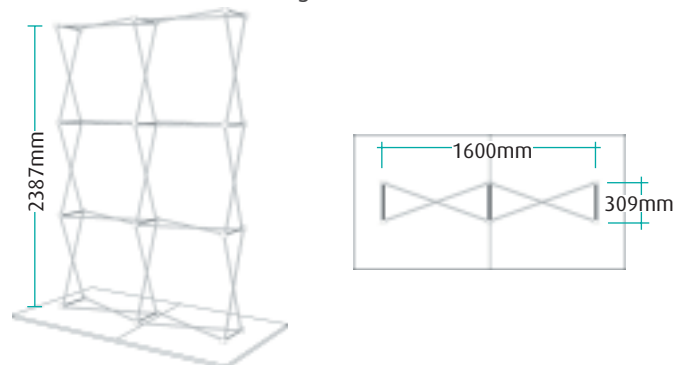
3. Premier Classic Mini straight



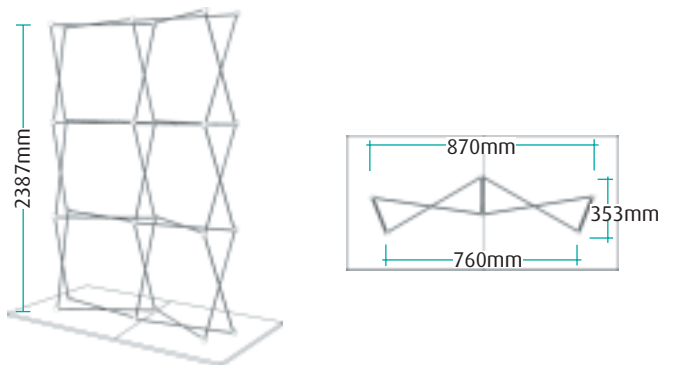
4. Premier Classic Mini curved



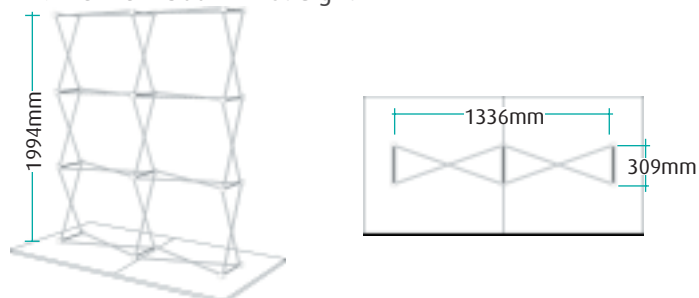
5. Premier P300 straight



6. Premier P300 curved



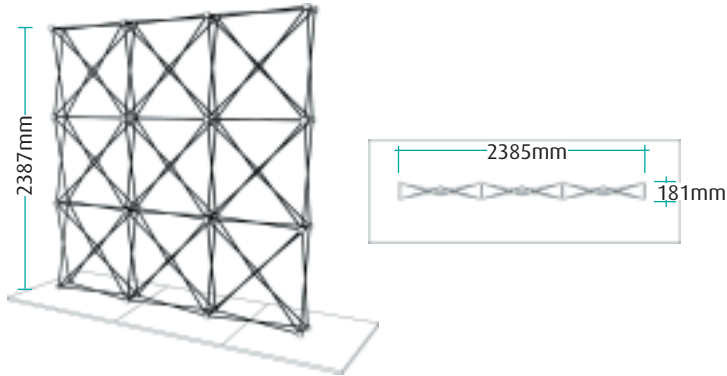
7. Premier P300 Mini straight



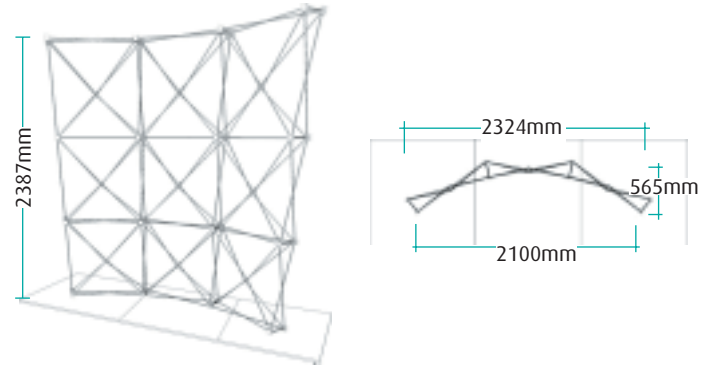
# Premier Pop-up Frame Sizes:

## 3 x 3

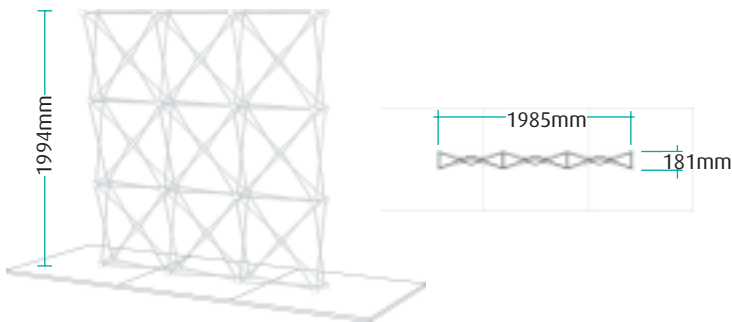
1. Premier Classic straight



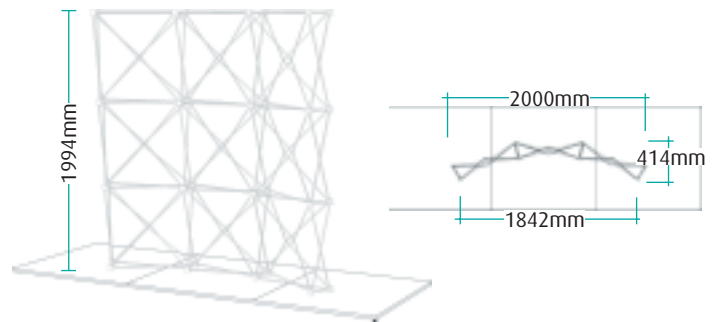
2. Premier Classic curved



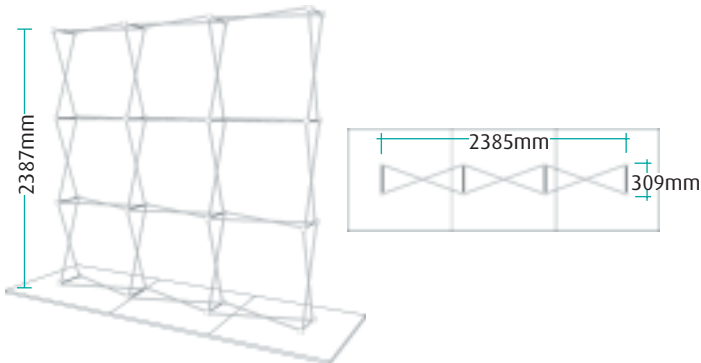
3. Premier Classic Mini straight



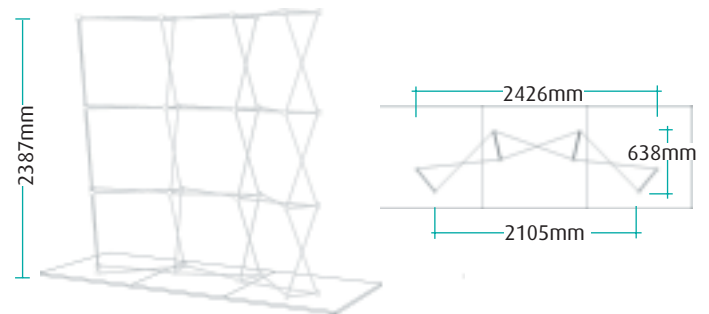
4. Premier Classic Mini curved



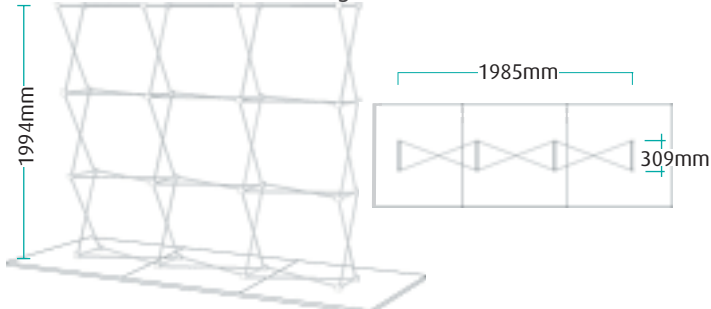
5. Premier P300 straight



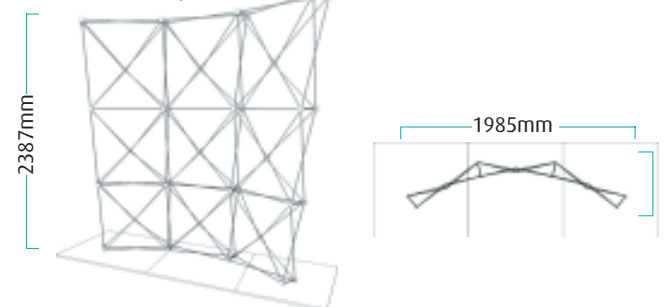
6. Premier P300 curved



7. Premier P300 Mini straight



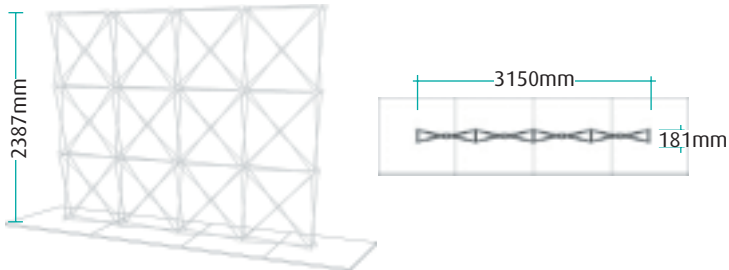
8. Premier AQUA



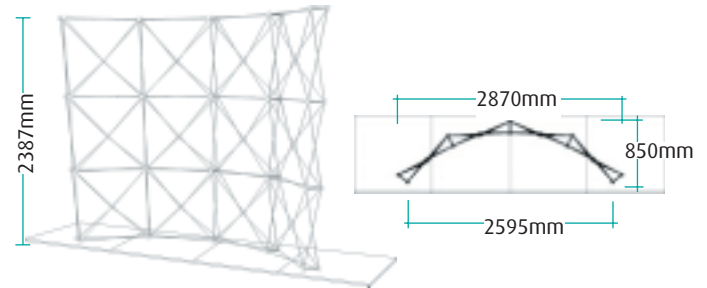
# Premier Pop-up Frame Sizes:

## 3 x 4

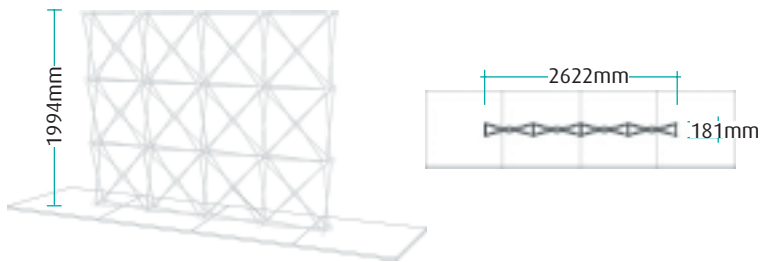
1. Premier Classic straight



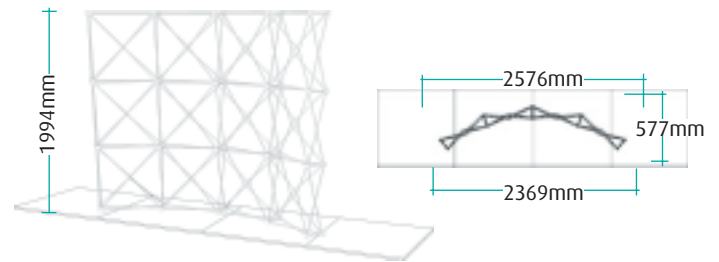
2. Premier Classic curved



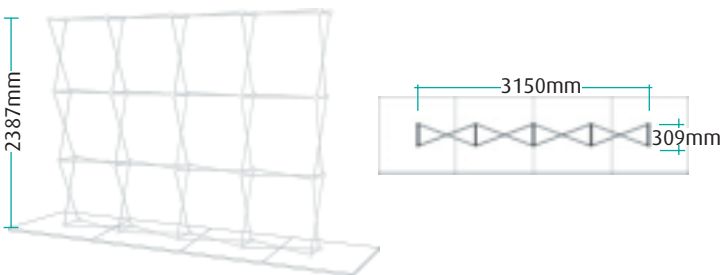
3. Premier Classic Mini straight



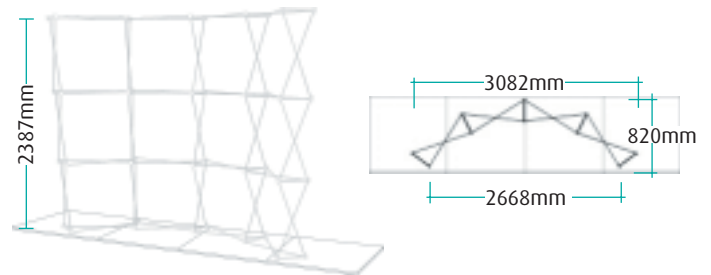
4. Premier Classic Mini curved



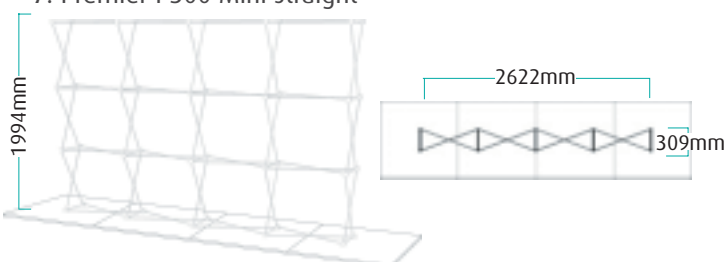
5. Premier P300 straight



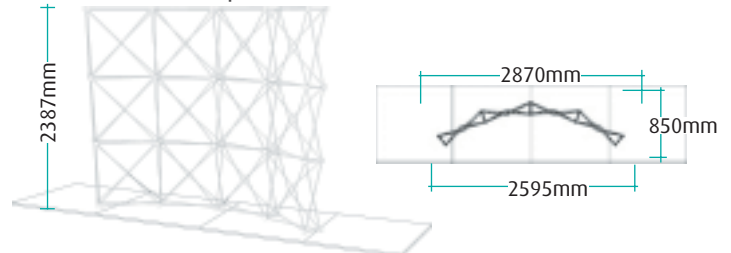
6. Premier P300 curved



7. Premier P300 Mini straight



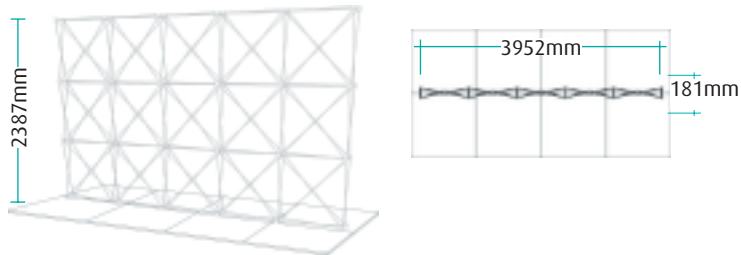
8. Premier Aqua



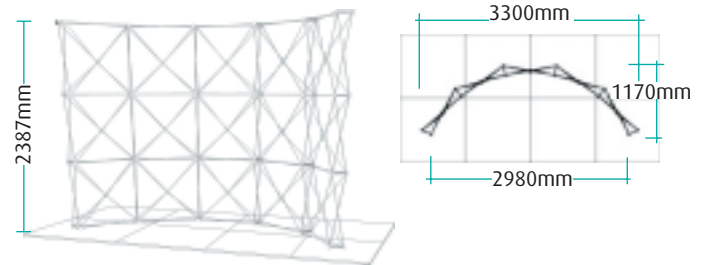
# Premier Pop-up Frame Sizes:

## 3 x 5

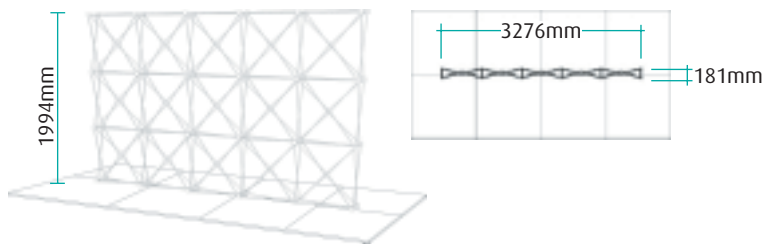
1. Premier Classic straight



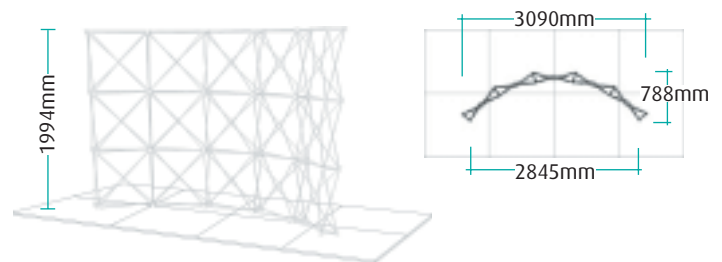
2. Premier Classic curved



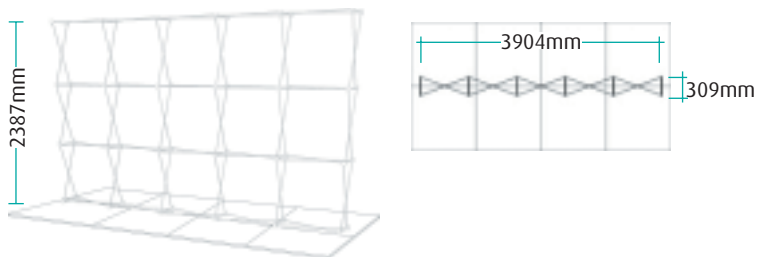
3. Premier Classic Mini straight



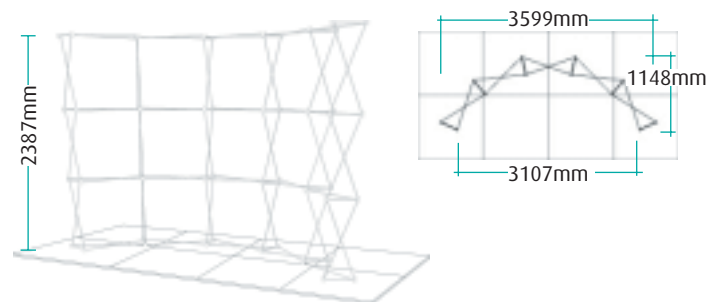
4. Premier Classic Mini curved



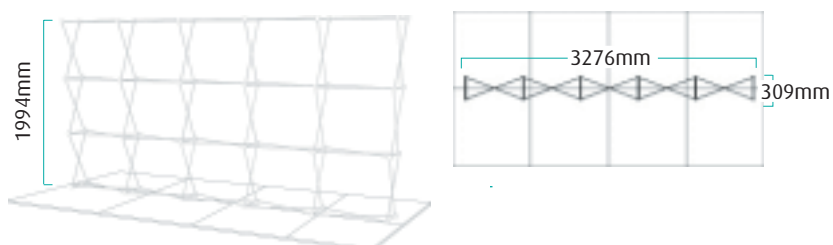
5. Premier P300 straight



6. Premier P300 curved



7. Premier P300 Mini straight



8. Premier Aqua

