



How to work with Cobra Expo

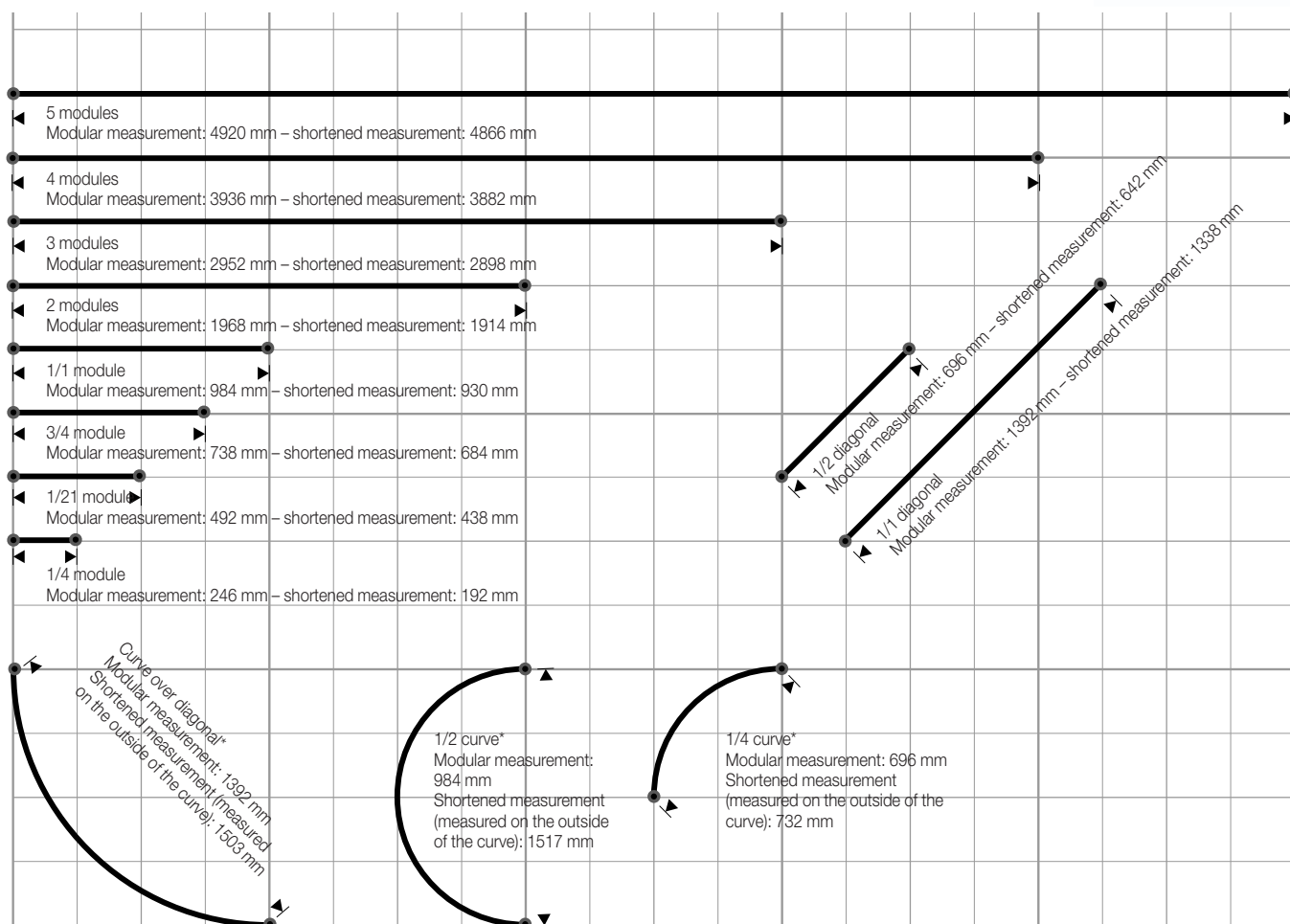


SYSTEM STANDEX®



The modular system

Cobra Expo by System Standek is a complete exhibition system which is simple to design and easy to work with. The lengths of cross rails have been adapted to a module length of 984 mm between the centre of uprights. Cross rails are available in heights of 50 and 150 mm. The shortened measurements and modular measurements for cross rails in standard lengths are indicated in the diagram. Cross rails can also be shortened to individual measurements.



Measurements for cutting panels

Examples of panel measurements in mm, width x height

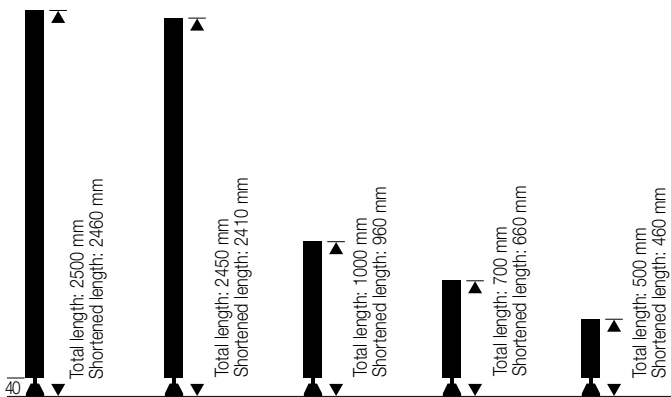
In the table you can see the final panel measurements for the most commonly used combinations of cross rails and uprights. Panels should be cut to an accuracy of ± 2 mm.

Length of upright inc. adjustable foot	Height of cross rails	Length of cross rails					3 modules
		1/4 module	1/2 module	3/4 module	1/1 module	2 modules	
2500 mm	2 x 50 mm	214 x 234	460 x 2374	706 x 2374	952 x 2374		
	50 + 150 mm	214 x 2274	460 x 2274	706 x 2274	952 x 2274		
2450 mm	2 x 50 mm	214 x 2324	460 x 2324	706 x 2324	952 x 2324		
	50 + 150 mm	214 x 2224	460 x 2224	706 x 2224	952 x 2224		
1000 mm	2 x 50 mm	214 x 874	460 x 874	706 x 874	952 x 874		
700 mm	2 x 50 mm	214 x 574	460 x 574	706 x 574	952 x 574	1936 x 574	2920 x
500 mm	2 x 50 mm	214 x 374	460 x 374	706 x 374	952 x 374	1936 x 374	2920 x
Sign friezes							
300 mm	2 x 50 mm	214 x 214	460 x 214	706 x 214	952 x 214	1936 x 214	2920 x



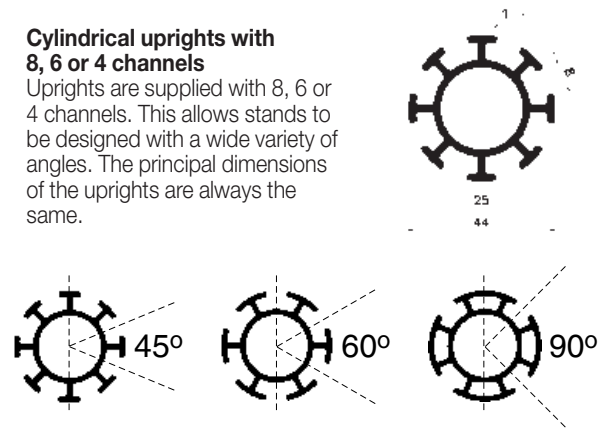
Complete uprights with adjustable foot

The diagram shows shortened lengths and total lengths for fully assembled uprights in standard lengths. Uprights can also be shortened to individual measurements.



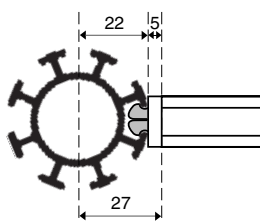
Cylindrical uprights with 8, 6 or 4 channels

Uprights are supplied with 8, 6 or 4 channels. This allows stands to be designed with a wide variety of angles. The principal dimensions of the uprights are always the same.



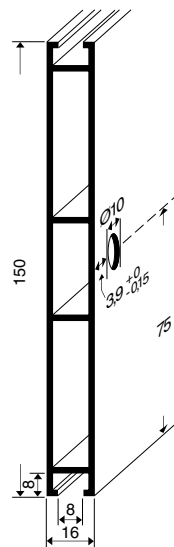
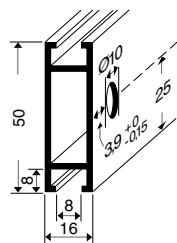
Shortening and fitting connectors on cross rails

Shortening is best performed with a crosscut saw, but can be done with a standard hacksaw. It is vital that the holes for connectors are drilled precisely in accordance with the stated measurements.



Module line

The measurement for shortening special lengths is calculated as being 54 mm less than the distance between the module lines (27 mm on each side).



After shortening, the cross rails must be fitted with nylon connectors and joints.

Connector



Joint

Drilling tool

It is easiest to position the screws for the joints precisely using a System Standex drilling tool.



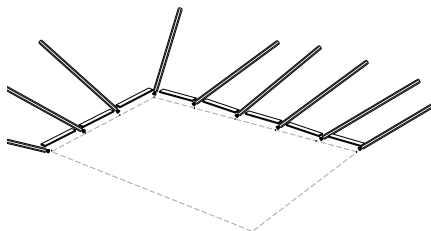
Screw for joint



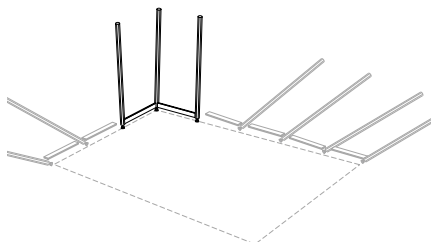
Modules	4 modules	5 modules	1/2 diagonal	1/1 diagonal	Curve over diagonal	1/2 curve	1/4 curve
			664 x 2374 664 x 2274	1360 x 2374 1360 x 2274	1515 x 2374 1515 x 2274	1528 x 2374 1528 x 2274	744 x 2374 744 x 2274
			664 x 2324 664 x 2224	1360 x 2324 1360 x 2224	1515 x 2324 1515 x 2224	1528 x 2324 1528 x 2224	744 x 2324 744 x 2224
			664 x 874	1360 x 874	1515 x 874	1528 x 874	744 x 874
574	3904 x 574	4888 x 574	664 x 574	1360 x 574	1515 x 574	1528 x 574	744 x 574
374	3904 x 374	4888 x 374	664 x 374	1360 x 374	1515 x 374	1528 x 374	744 x 374
214	3904 x 214	4888 x 214	664 x 214	1360 x 214	1515 x 214	1528 x 214	744 x 214

See the entire product range with product numbers in the catalogue brochure for Cobra Expo.

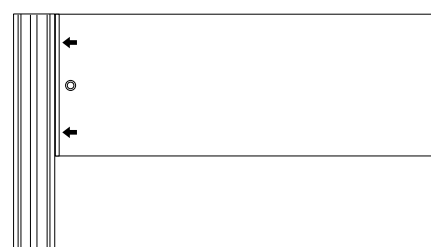
Tips on assembly



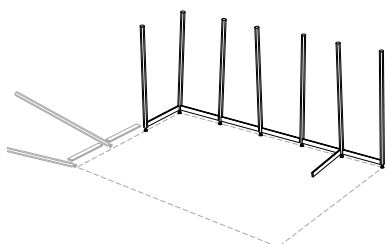
1. Lay out uprights and base cross rails on the floor where the stand is to be built.



2. Begin the assembly with uprights and base cross rails in a corner of the stand.



3. The screws for the joints for the cross rails should face the back of the stand wall. The cross rails should be held close to the upright before the screws of the joint are tightened in order to ensure that the joints catch the channels in the upright. Do not over-tighten the screws of the connector.



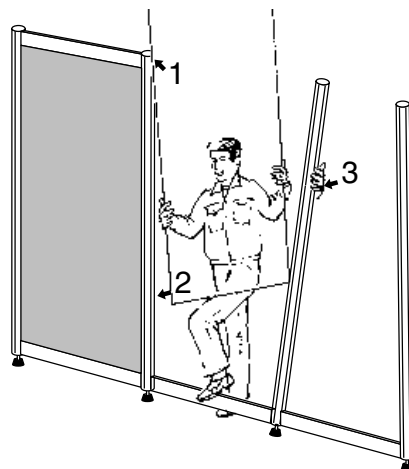
4. A cross rail should be temporarily fitted sideways for every fourth module to support the construction from below.



5. The lower edge of the cross rail is adjusted to the upper edge of the plug of the upright.

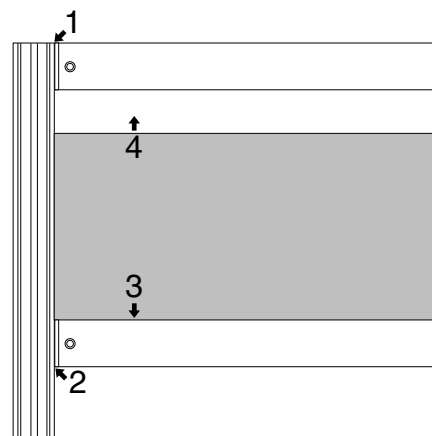
6. The entire basic frame should be built up in this way.

7. Diagonals, shelf supports and other accessories can be fitted most easily before the panels are fitted.

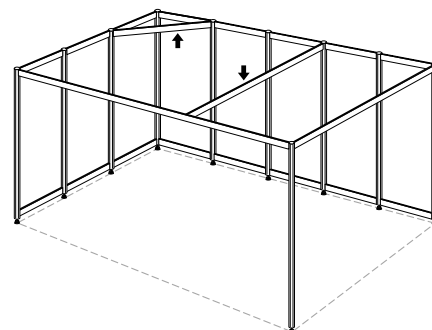


8. Fit the panels. Lift the panel 60-70 cm and support it using your thigh while fitting it onto the channel on the upright next to the previously fitted panel. Grasp the free upright and allow the panel to catch the channels of the upright. Let the panel slide down into the base cross rail.

9. Fit the top cross rail as the panels are fitted.



10. Friezes are easiest to fit if the top cross rail is fitted first. The base cross rail should then be fitted a little too low temporarily. The panel should be placed in the base cross rail, after which the panel and base cross rail should be pushed up against the top cross rail. The screws should then be tightened.



11. For large, open stands, the construction is reinforced using diagonal supporting frames and cross bracing for long friezes.

12. Complete by tightening or loosening the adjustable foot on uprights to compensate for any unevenness in the floor.

Dismantling

The display stand should be dismantled in reverse order. Begin by removing the top cross rail. Lift panels at least 50 cm before pulling them out of the tracks on uprights. This avoids damaging the panels.

Good luck!

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