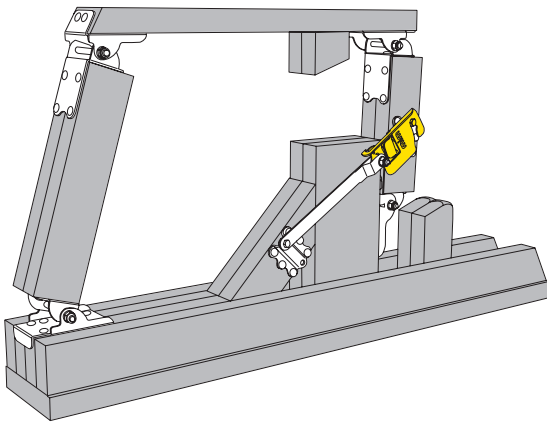


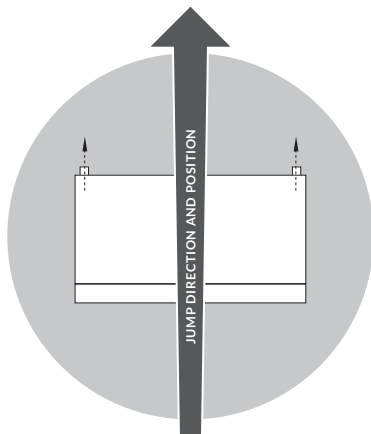
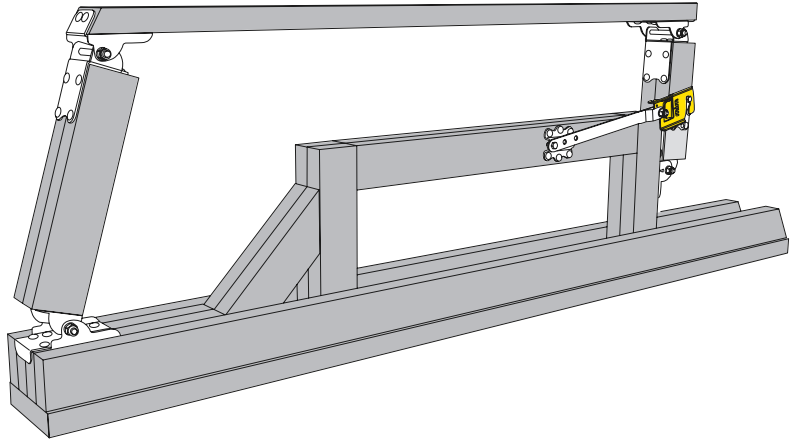
PARALLELOGRAM CONSTRUCTION KIT FOR STRAIGHT & ANGLED - 80320



SHORT PARALLELOGRAM

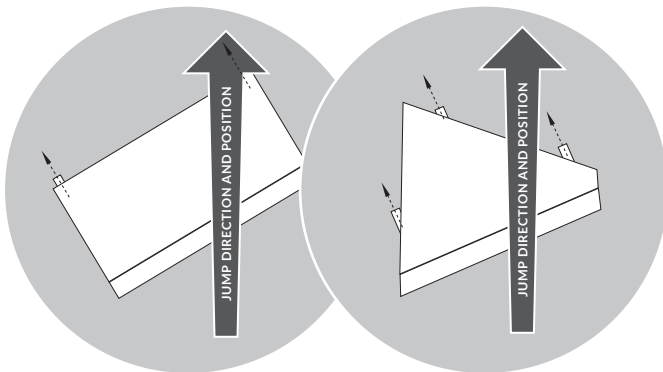


LONG PARALLELOGRAM



STRAIGHT JUMPS

- YELLOW CLIP CCI 1* TO 5*



ANGLED JUMPS

- YELLOW CLIP CCI 1* TO 5*

INFORMATION ABOUT THE KIT

The kit has been designed and developed specifically to greatly reduce the risk of rotational falls. The most important element of this kit is that it will not break the fence or risk

injury to the horse if hit vertically. The top is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus reduced.

APPROVED FENCE TOP SECTION DIMENSIONS

Top section should be constructed as a framework. Material thickness 45 mm/ 1,8 inch.
Recommended material: Spruce or Pinewood

MAX WIDTH

173	inch
5000	mm

WIDTH LESS THAN

86.5	inch
2500	mm

Use only two parallelograms.

MIN-MAX LENGTH

See the sizing charts further on this document.

MAX WEIGHT - STRAIGHT JUMP

300	kg
660	lb

MAY ONLY BE EXCEEDED BY 25%

MAX WEIGHT - ANGLED JUMP

240	kg
530	lb

MAY ONLY BE EXCEEDED BY 25%

!

Very dry wood material could increase up to 50% in weight when exposed to very wet conditions.



It is essential to follow the recommended instructions on the fence for the correct function. All WEIGHTS may be exceeded by no more than 25% of the relevant maximum weight as specified above.

For your own safety and that of others please note the following step by step advice for correct preparation and installation. Always ensure that you follow your own health and safety requirements when constructing this fence.

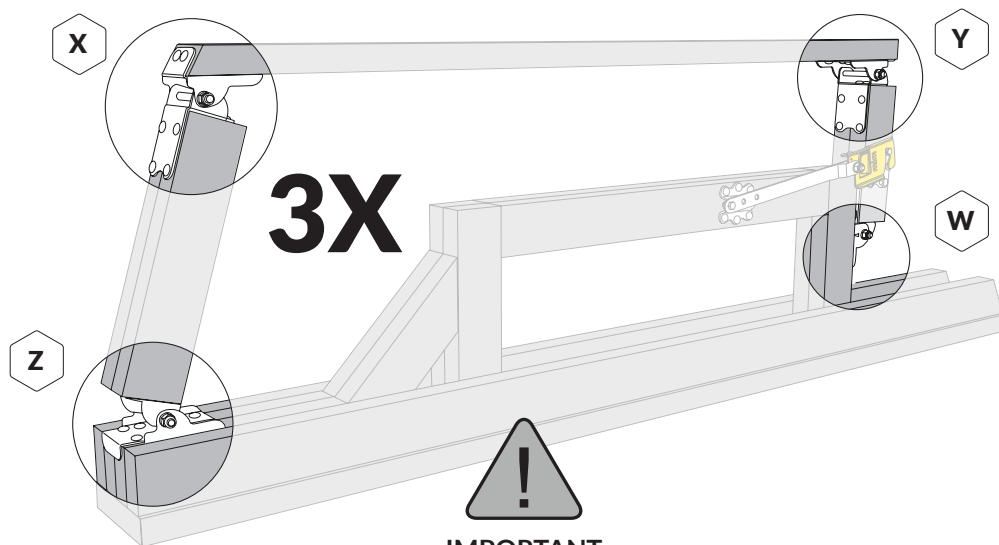
CAUTION: The fence could cause risk of injury in upfolded position if accidentally released.

Ensure that you have all parts of the kit.

Be aware of the risk of injury when handling heavy rails, posts and the tools for mounting.

WARNING!

M-SM10x110 12X 	M-BR10,5x22x2s 12X 	M-MM10Ny 12X 	M-TS10X90 4X 	186X  not included
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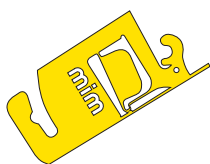
IMPORTANT

The fence as a unit, needs to be placed on a flat area.

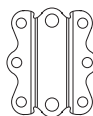
Diagonal reinforcement should be applied.

This is to avoid twisting of the frame when the fence is activated by an impact off center.

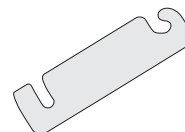
The fence lower section needs to be secured to the ground.



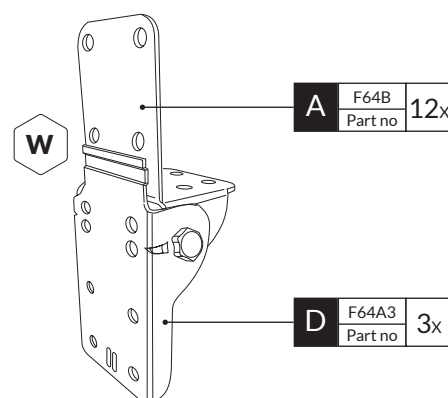
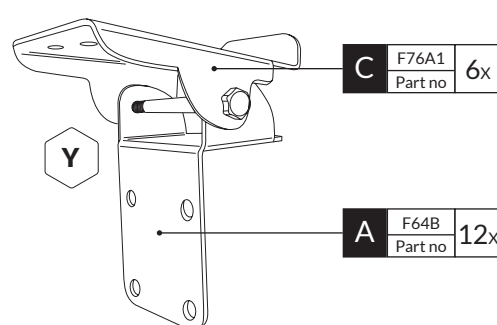
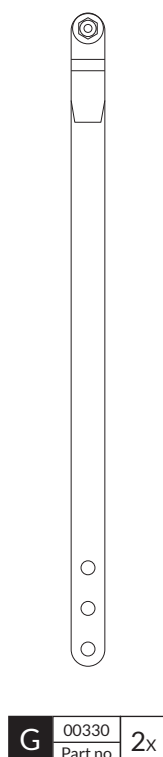
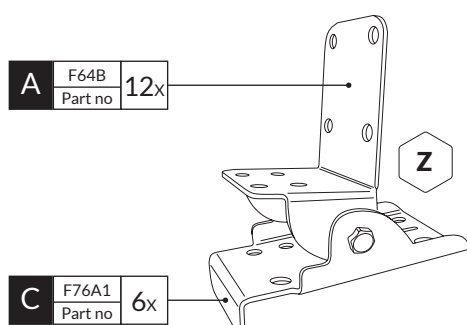
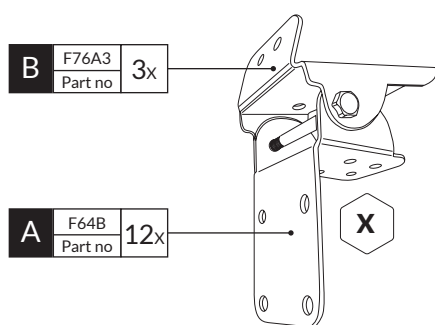
E F18F
Part no 6x

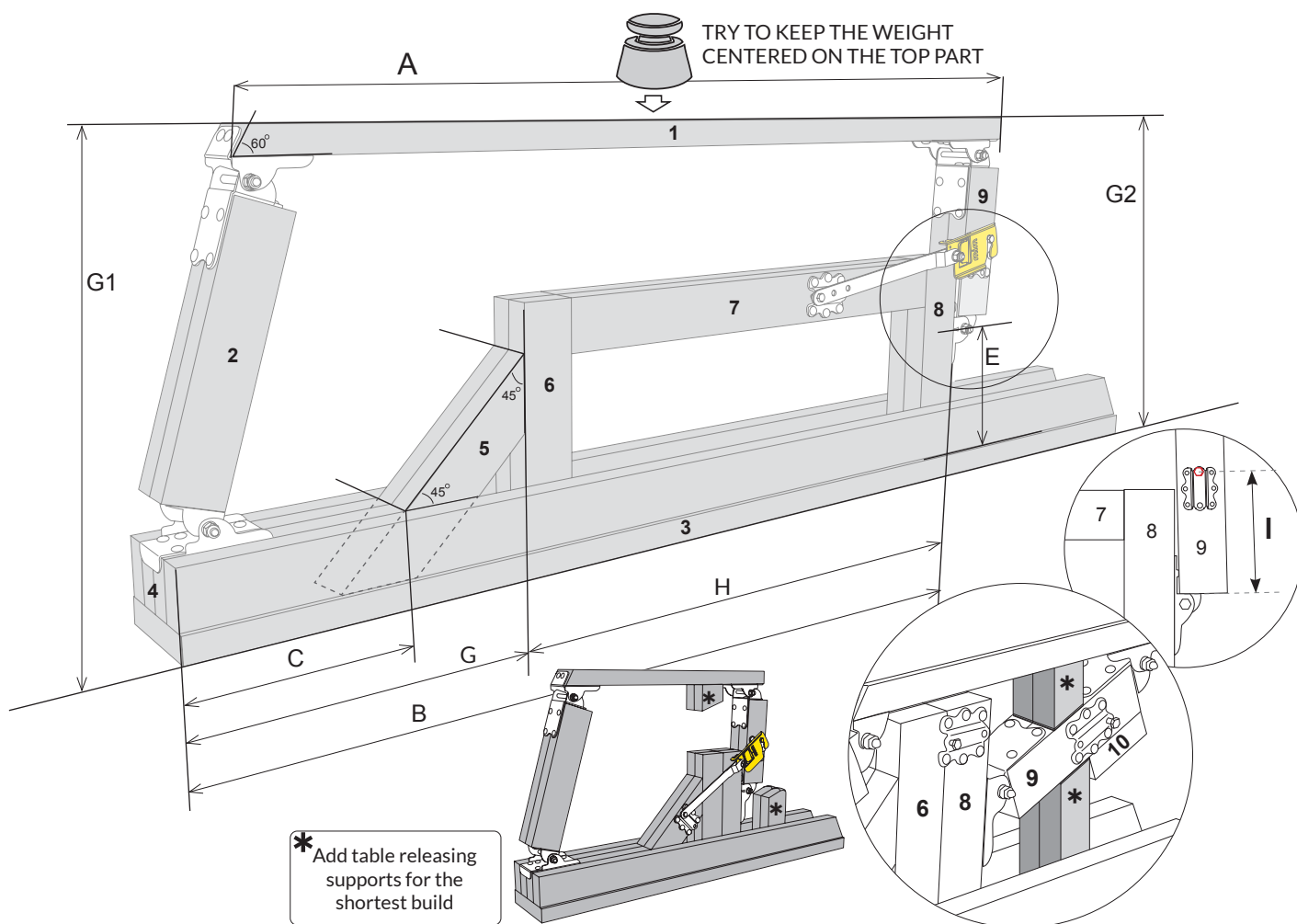


F F70A
Part no 4x



H F18S
Part no 2x





SHORT INCH

Instruction: Decide length A (inch)

Piece	Cross Section	Length	Minimum length short*
1	2"x4"	A	28,1"
2	3,5"x4"	17,1"	
3	2"x8"	(A+13")	39,4"
4	2"x4"	(A+13")	39,4"
5	3,5"x4"	D=17,7"	
6	3,5"x4"	17,7"	
7	3,5"x4"	(A-32,1")	0"
8	3,5"x4"	17,7"	
9	3,5"x4"	12,2"	
10	2"x6"		
Measurement		Length	Minimum lenght
B		(A+0,6")	28"
C		13,2	
E		12	
F		9,8"	9,8"
G		22"	
H			5,9"
I			1/2 the length of piece 9
Control measure		G1=29"	
Control measure		G2=31"	

SHORT mm

Instruction: Decide length A (millimeter)

Piece	Cross Section	Length	Minimum length short*
1	45x95	A	715
2	90x95	435	
3	45x195	(A+330)	1000
4	45x95	(A+330)	1000
5	90x95	D=450	
6	90x95	450	
7	90x95	(A-815)	0
8	90x95	450	
9	90x95	310	
10	45x145		
Measurement		Length	Minimum lenght
B		(A+15)	710
C		335	
E		305	
F		250	250
G		560	
H			150
I			1/2 the length of piece 9
Control measure		G1=740	
Control measure		G2=780	

The dimensions marked in bold are foundational. The others are suggestions based on the dimensions of the wood offered in different countries.

MID SIZE INCH

Instruction: Decide length A (inch)			
Piece	Cross Section	Length	Minimum length
1	2"x4"	A	42,1"
2	3,5"x4"	17,1"	
3	2"x8"	(A+13")	55,1"
4	2"x4"	(A+13")	55,1"
5	3,5"x4"	D=17,7"	
6	3,5"x4"	17,7"	
7	3,5"x4"	(A-32,1")	10"
8	3,5"x4"	17,7"	
9	3,5"x4"	12,2"	
10	2"x6"		
Measurement		Length	Minimum length
B		(A+0,6")	41,9"
C		11,8	
E		12	
F		9,8"	9,8"
G		24,4"	
H			17,5"
I			1/2 the length of piece 9
Control measure		G1=29"	
Control measure		G2=31"	

MID SIZE mm

Instruction: Decide length A (millimeter)			
Piece	Cross Section	Length	Minimum length
1	45x95	A	1070
2	90x95	435	
3	45x195	(A+330)	1400
4	45x95	(A+330)	1400
5	90x95	D=450	
6	90x95	450	
7	90x95	(A-815)	255
8	90x95	450	
9	90x95	310	
10	45x145		
Measurement		Length	Minimum length
B		(A+15)	1065
C		300	
E		305	
F		250	250
G		620	
H			445
I			1/2 the length of piece 9
Control measure		G1=740	
Control measure		G2=780	

LARGE SIZE INCH

Instruction: Decide length A (inch)			
Piece	Cross Section	Length	Minimum length
1	2"x4"	A	49,4"
2	3,5"x4"	23,2"	
3	2"x8"	(A+23,4")	72,8"
4	2"x4"	(A+23,4")	72,8"
5	3,5"x4"	D=23,6"	
6	3,5"x4"	20"	
7	3,5"x4"	(A-34,8")	14,6"
8	3,5"x4"	20"	
9	3,5"x4"	16,9"	
10	2"x6"		
Piece	Cross Section	Length	Minimum length
B		(A+1,2")	50,6"
C		11,8	
E		12	
F		9,8"	9,8"
G		28,5"	
H			22
I			1/2 the length of piece 9
Control measure		G1=35,4"	
Control measure		G2=36,4"	

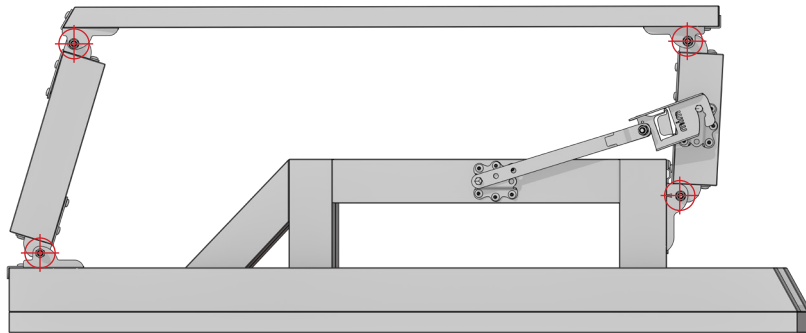
LARGE SIZE mm

Instruction: Decide length A (millimeter)			
Piece	Cross Section	Length	Minimum length
1	45x95	A	1255
2	90x95	590	
3	45x195	(A+595)	1850
4	45x95	(A+595)	1850
5	90x95	D=600	
6	90x95	500	
7	90x95	(A-885)	370
8	90x95	500	
9	90x95	430	
10	45x145		
Measurement		Length	Minimum length
B		(A+30)	1285
C		300	
E		305	
F		250	250
G		725	
H			560
I			1/2 the length of piece 9
Control measure		G1=900	
Control measure		G2=925	

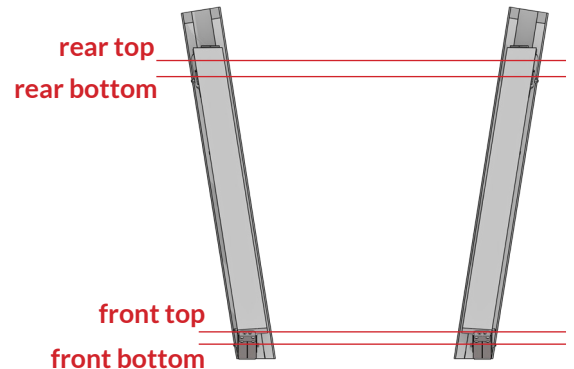
The dimensions marked in bold are foundational. The others are suggestions based on the dimensions of the wood offered in different countries.

Special build examples

WEDGE - TRIPLE BRUSH



SIDE VIEW

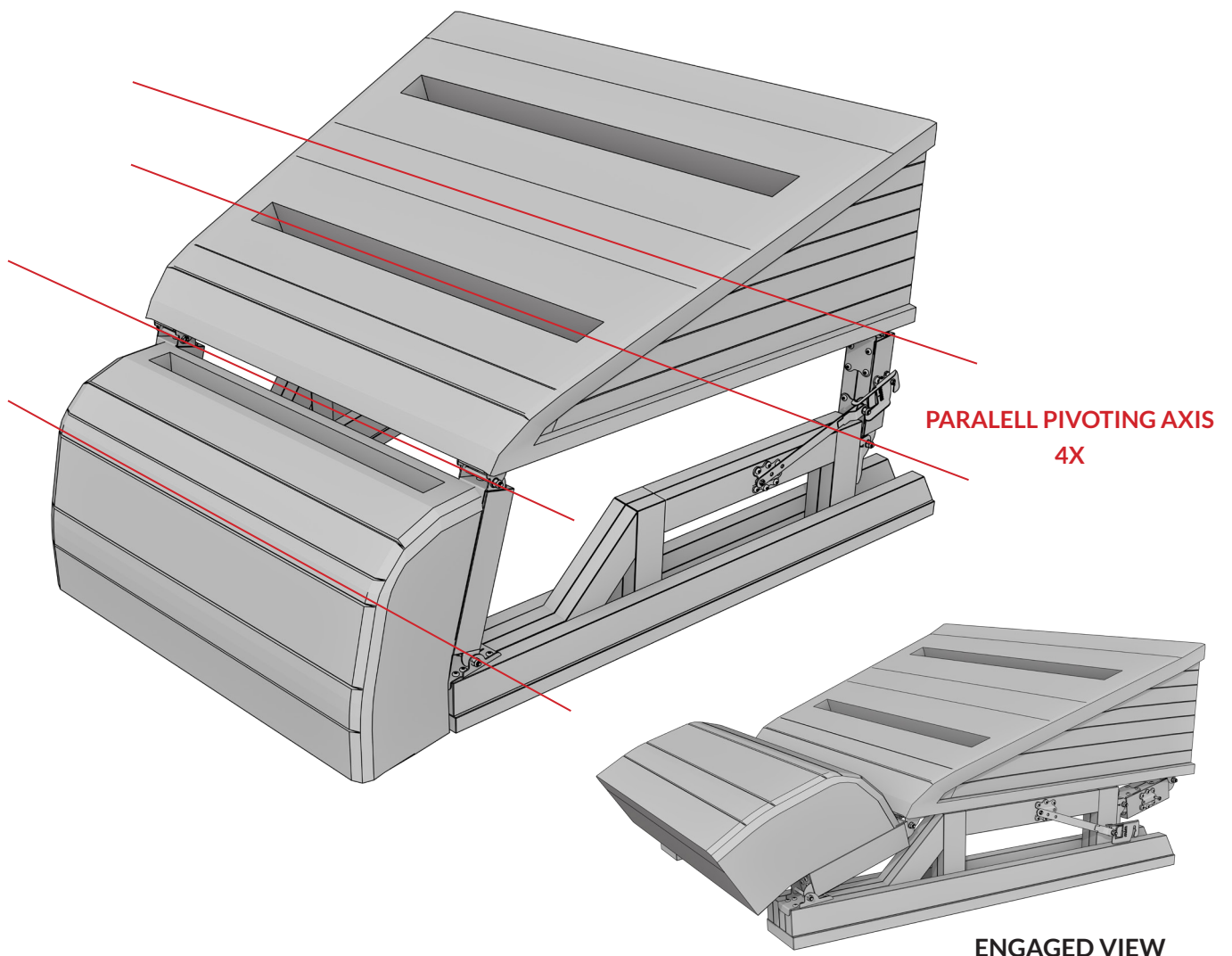


TOP VIEW



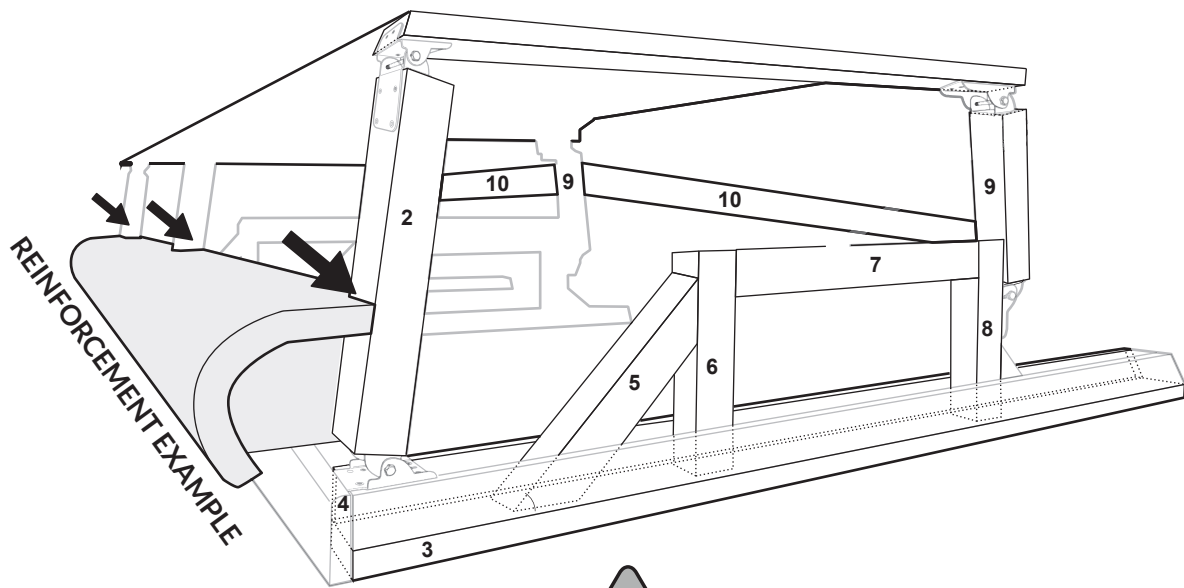
WARNING

Each pair of hinges (left and right) must be aligned along their pivoting bolts.
At the same time all four imaginary lines drawn by the hinges's bolts must be parallel to each other.



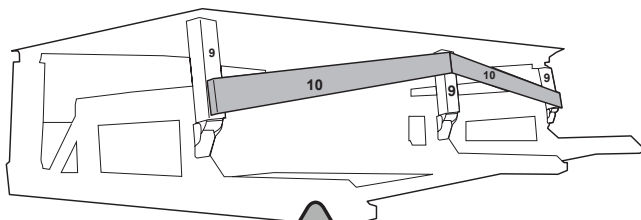
ENGAGED VIEW

Important Recommendations for installation



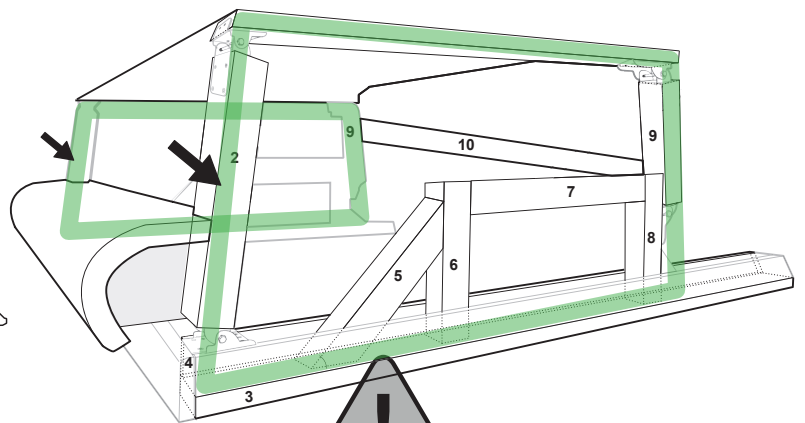
WARNING

The three posts No 2 should be connected to a box construction or wall to become a rigid object. This is to avoid different angles of the three posts, No 2, and to avoid torsion when the fence is activated by an impact off center.



WARNING

Diagonal reinforcement No 10 should be applied. This is to avoid rotation of the table around a vertical axis when the fence is activated by an impact off center.

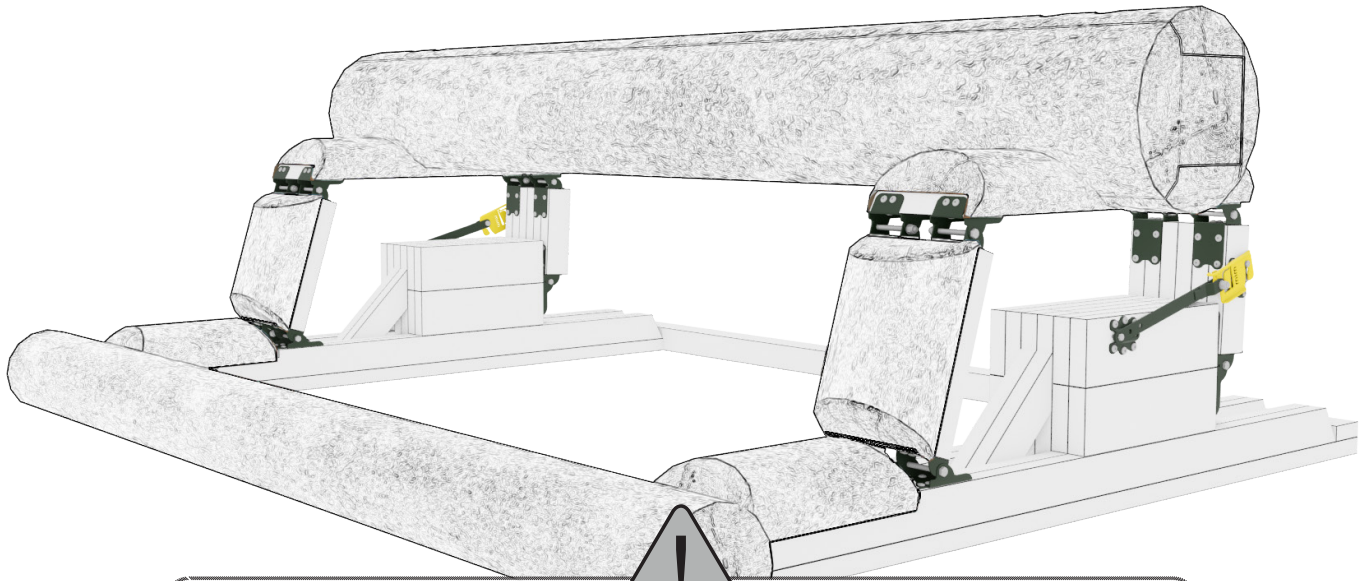


IMPORTANT

Only two parallelograms are needed when building tables with less than 2500mm / 100inch in width. For widths between 2500 and 5000mm if using two parallelograms a base frame or support beam between the parallelograms must be used in order to help support the table when landing.

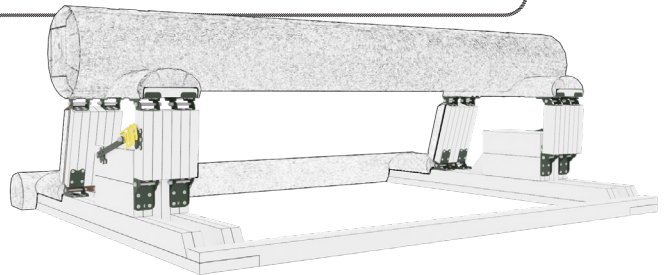
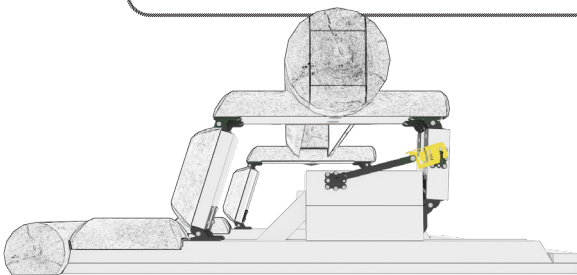
Special build examples

LOG



WARNING

This construction requires two sets of hinges on each side.
The log has to be core emptied as shown below in order to reduce its weight.
No center reinforcement is needed if the log is produced as depicted here.



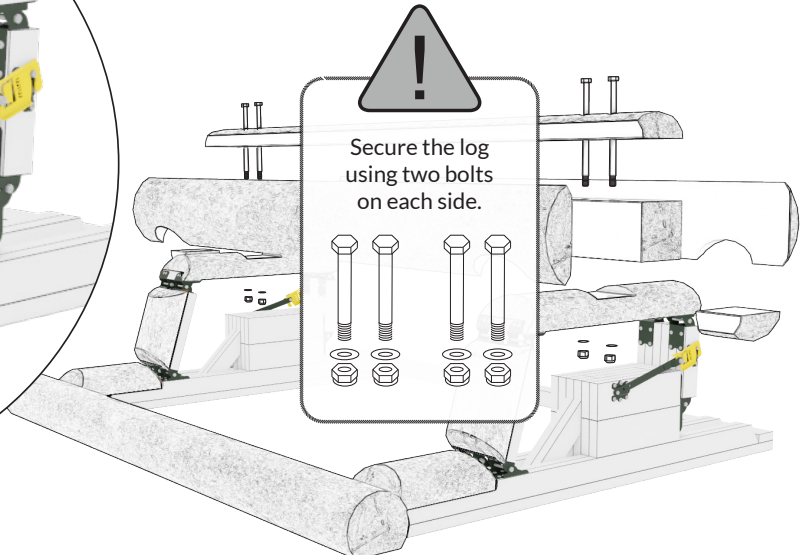
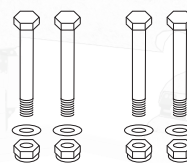
See page 2 for
maximum weight.



Minimum width
270mm

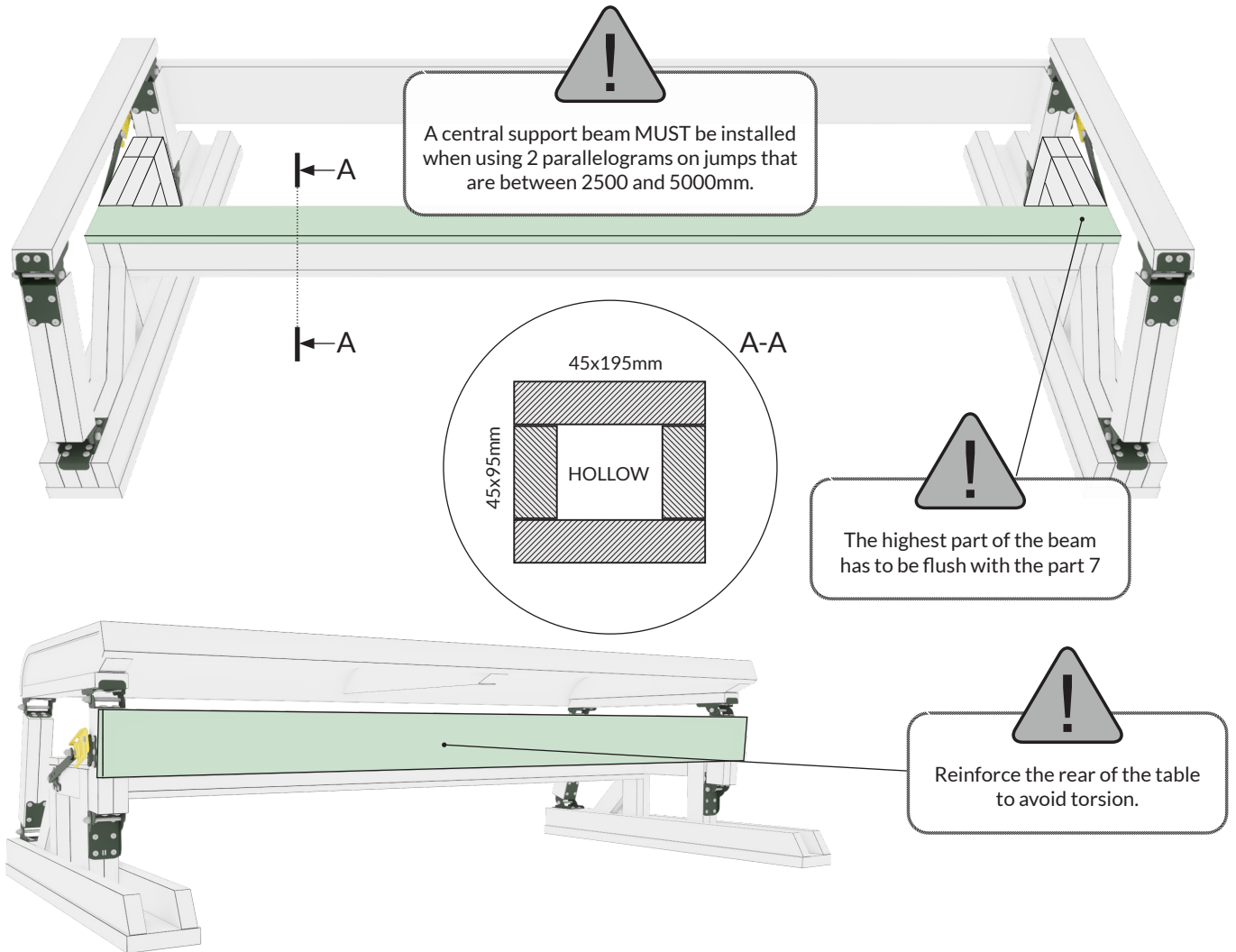


Secure the log
using two bolts
on each side.



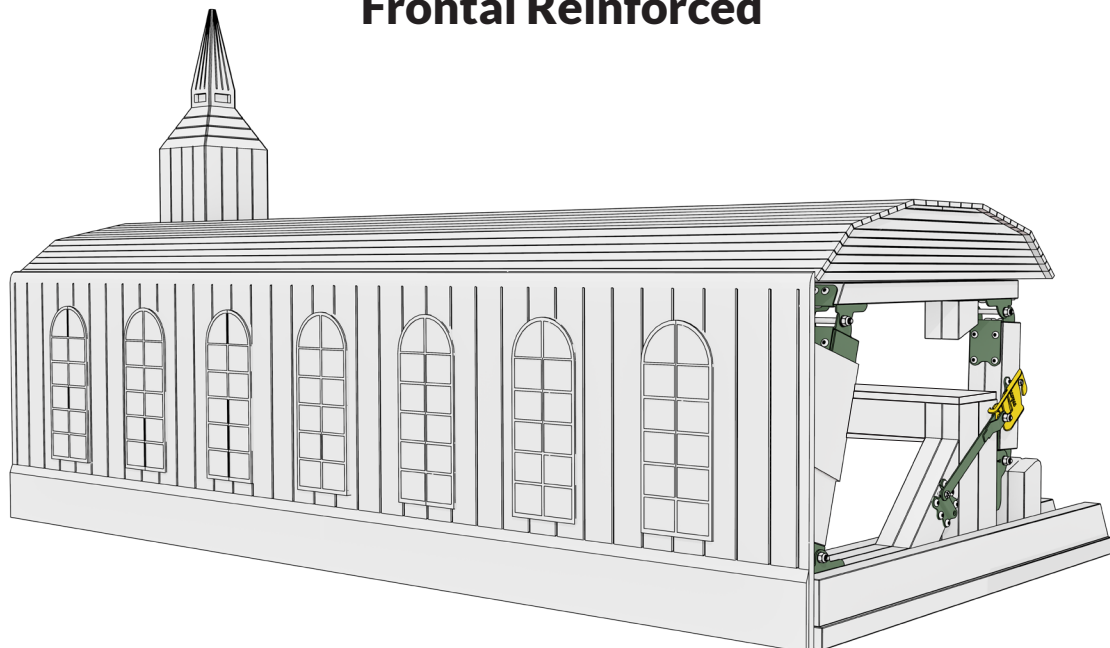
Special build examples

Center Reinforced



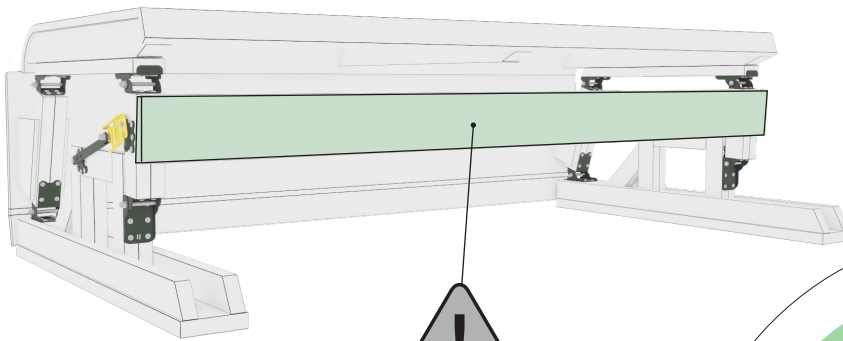
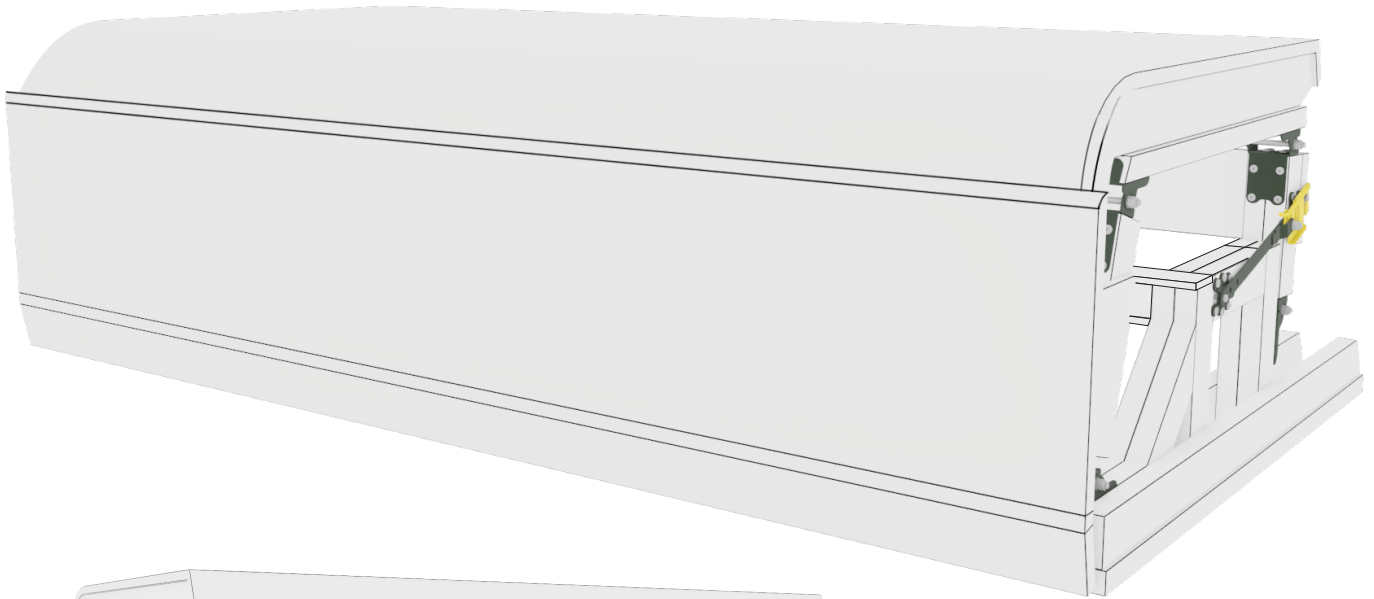
Special build examples

Frontal Reinforced

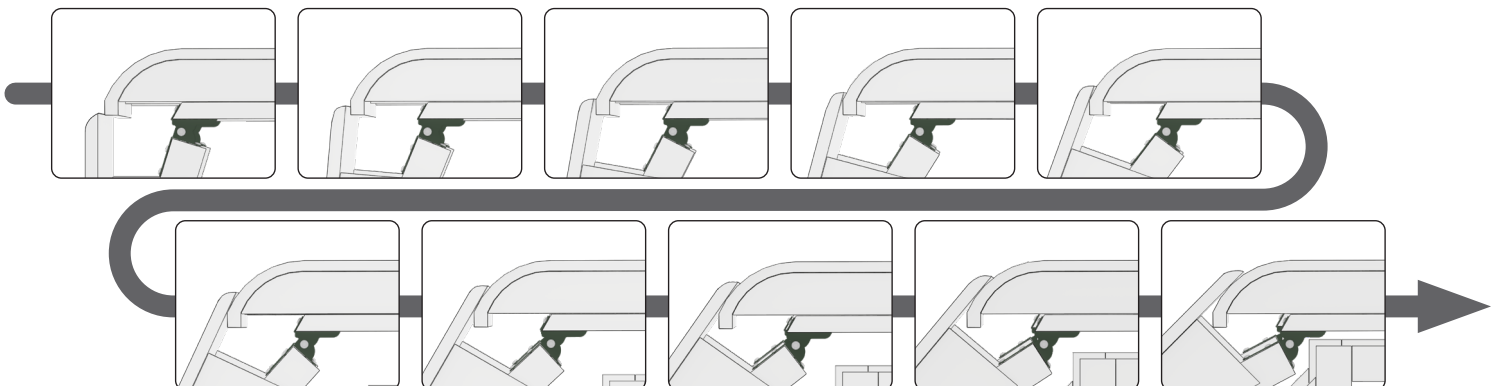
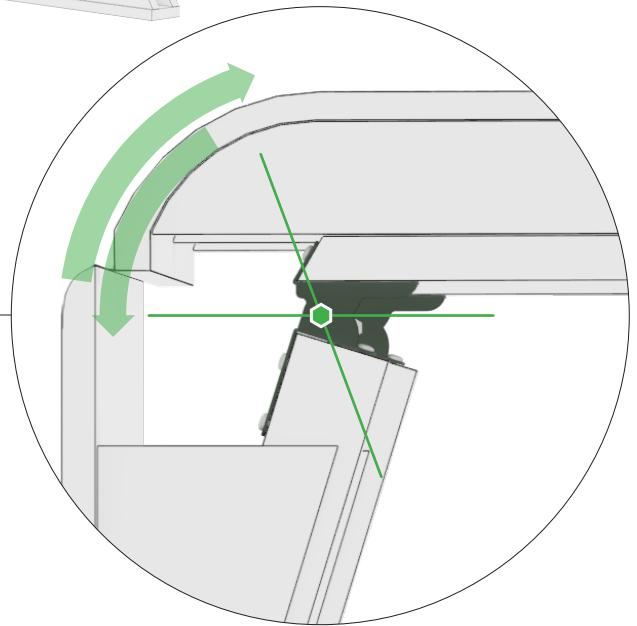


Special build examples

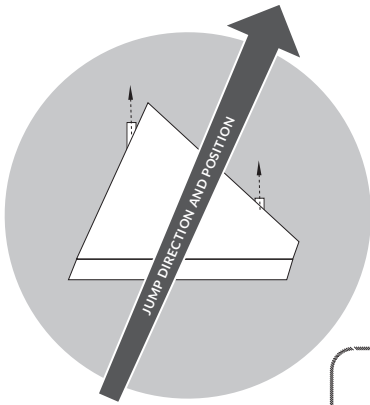
Frontal Reinforced



Reinforce the rear of the table
to avoid torsion.

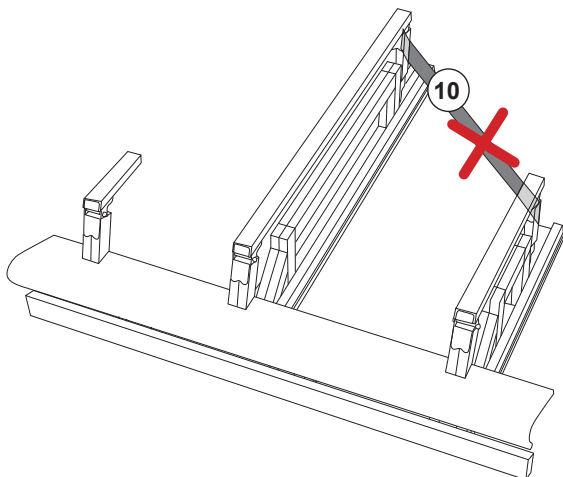
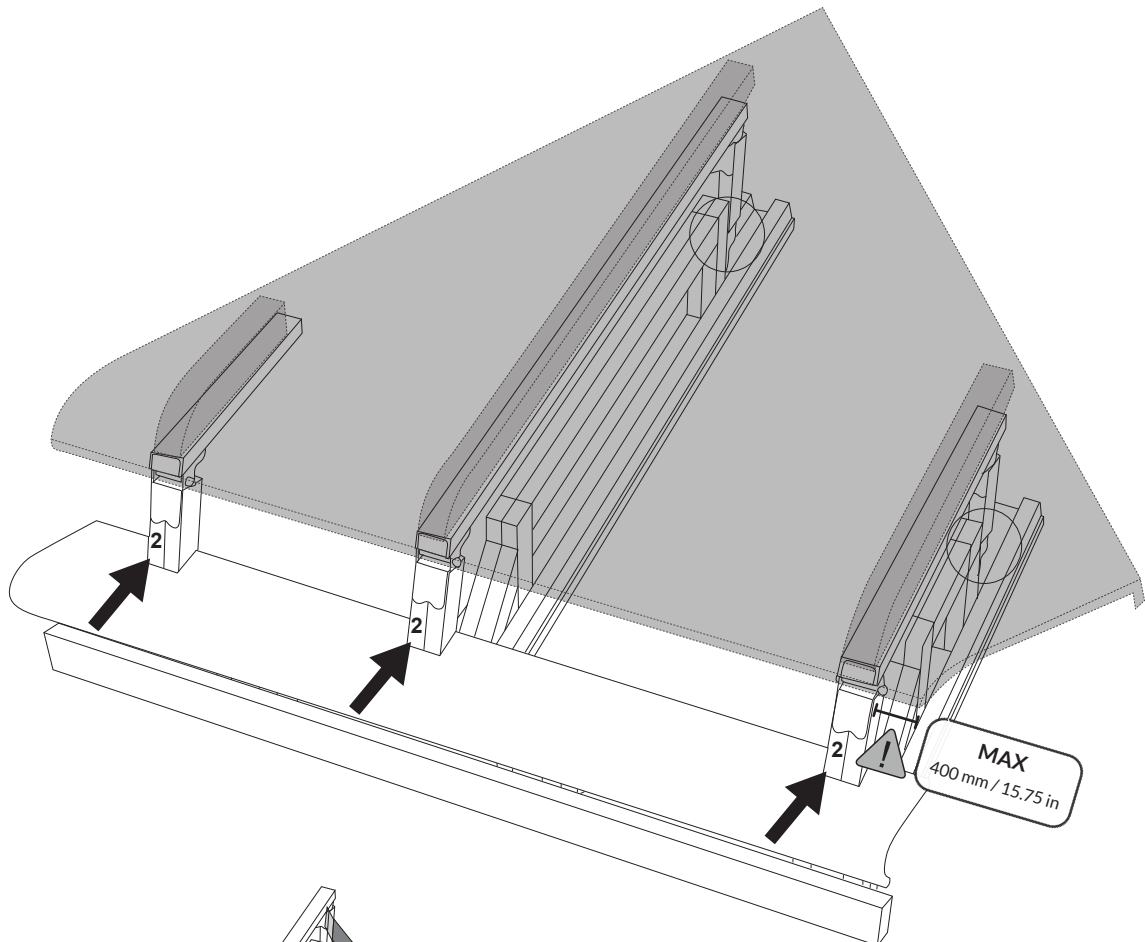
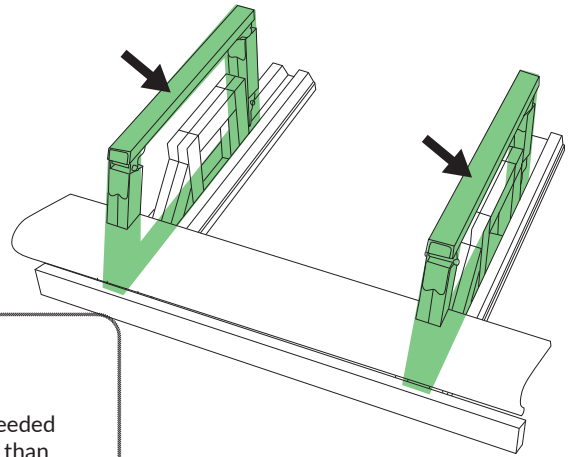


Important angled kit instructions



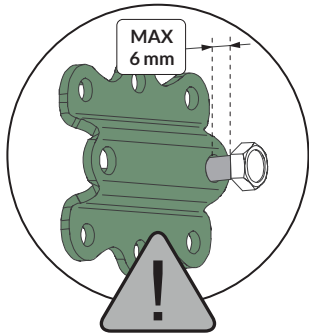
IMPORTANT

Only two parallelograms are needed when building tables with less than 2500mm / 100inch in width between parallelograms.

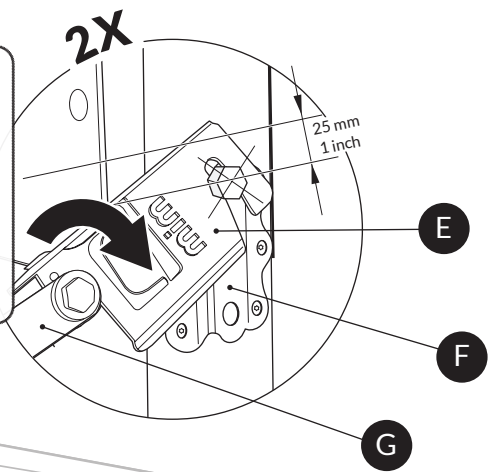


WARNING

Diagonal reinforcement No 10 WILL NOT be applied to angled kits unless the parallelograms share the same length. This would result in fence release failure.



Use the same clip on both sides of the fence, by always turning the clip so it is able to be hooked onto the bolts from above. The clip is neither left or right and needs to be turned correctly to function on both sides.

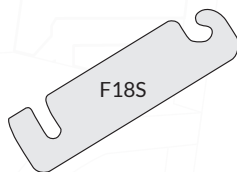


HAZARD WARNING

Hazardous Areas: These areas have to be clear from objects. Otherwise the fence will not be able to fall down in a proper way.

DANGER

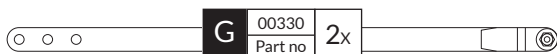
The release function of the table fence could be a dangerous trap while not in competition. Thus is mandatory to replace the YELLOW CLIPS with the SAFETY CLIPS F18S when the fence is meant to be static.



HAZARDOUS AREA



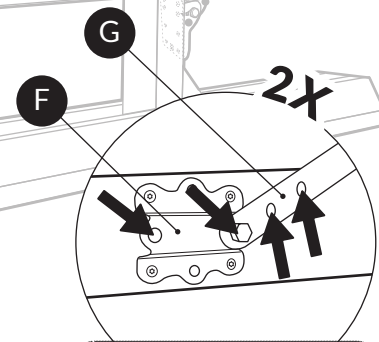
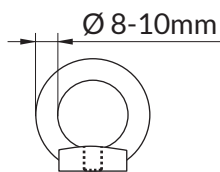
ALTERNATIVE CONSTRUCTION



The piece G can be replaced by threaded rod and eye nuts to avoid rattling.



M10 THREAD



Select the hole that best suits your fence.

The advantages of the Kit

1. It has been produced with safety being the first and foremost important factor.
2. Reduces the possibility of rotational falls.
3. FEI approved number FEI14SWE.
4. Controlled movement of fence during release.
5. Reconstruction time is less than 30 seconds.
6. The parts are made of powder coated steel and can be left outside, no maintenance is required.
7. The very highest quality of product from Sweden.

The advantages of the MIMclip

The Mim clip (F18F) breaks on impact. The flag is bent when the clip is exposed to fatigue. The upper and lower section are connected by hinges that makes the

fence easy to reconstruct. This saves time, guarantees fair and correct judging for riders and contributes to the overall safety of the sport.



The flag is bent when fatigued.