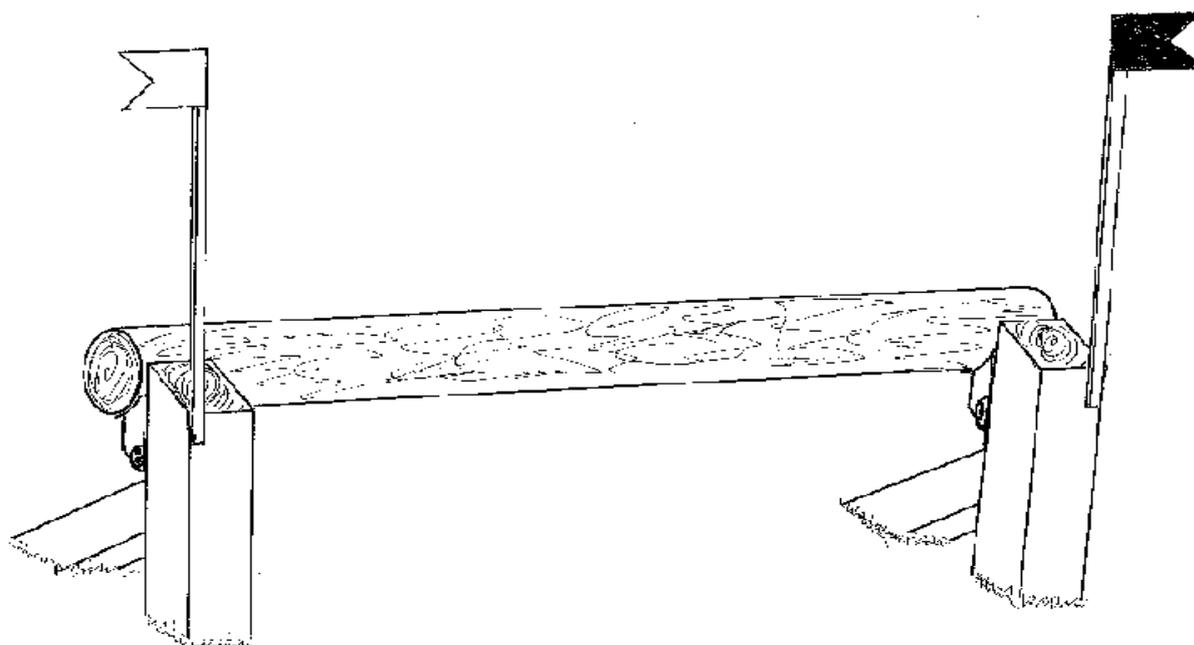


## Instruction Manual



The post & rail kit is developed for reducing rotational falls. It is then important to follow recommended dimensions on fence for correct function.

Thanks to a solid construction with fixed hinges and a controlled movement when releasing of fence, reconstruction time is less than 30 seconds.

This guarantees fair and correct judging between riders.

**Caution!!**

When NewEra is used as two separate post&rail fences, positioned as a Corner, don't use NewEra safe system on the front rail. Such a positioning of NewEra Safe system does not prevent the left pole to not being hazardous, when NewEra system is released.

*This product is produced by MIM Construction AB in Sweden.*

*MIM Construction AB is ISO 9001 certified since 1997.*

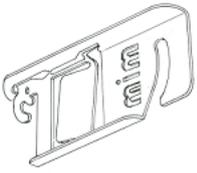
*Approved by the standards of FEI01SWE*



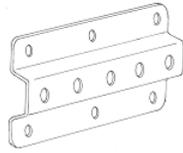
*According to Version 18 of the FEI standard for the minimum strength of frangible/deformable cross country fences*

## Installation

6 pc. clip



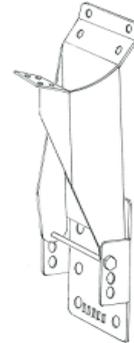
4 pc. bracket



4 pc. bolt



2 pc. tall hinge



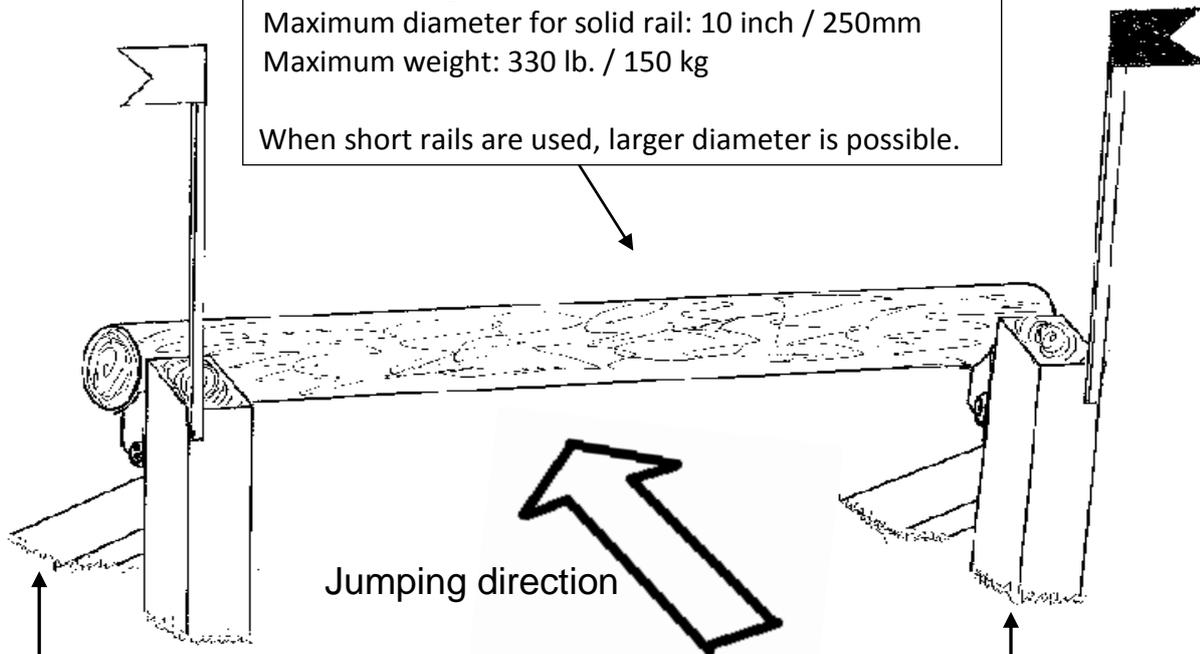
Size of material: RAIL

Maximum length: 16 feet / 5 000 mm

Maximum diameter for solid rail: 10 inch / 250mm

Maximum weight: 330 lb. / 150 kg

When short rails are used, larger diameter is possible.



Jumping direction

Size of material: POST

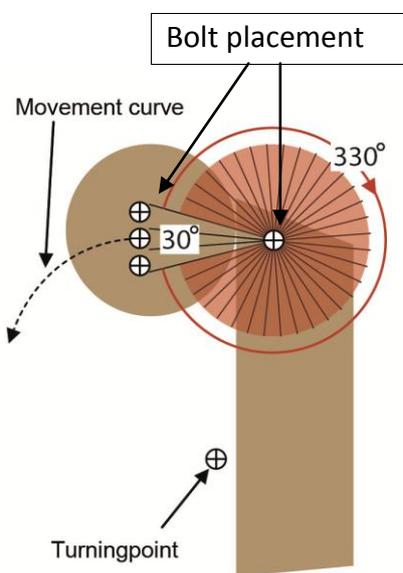
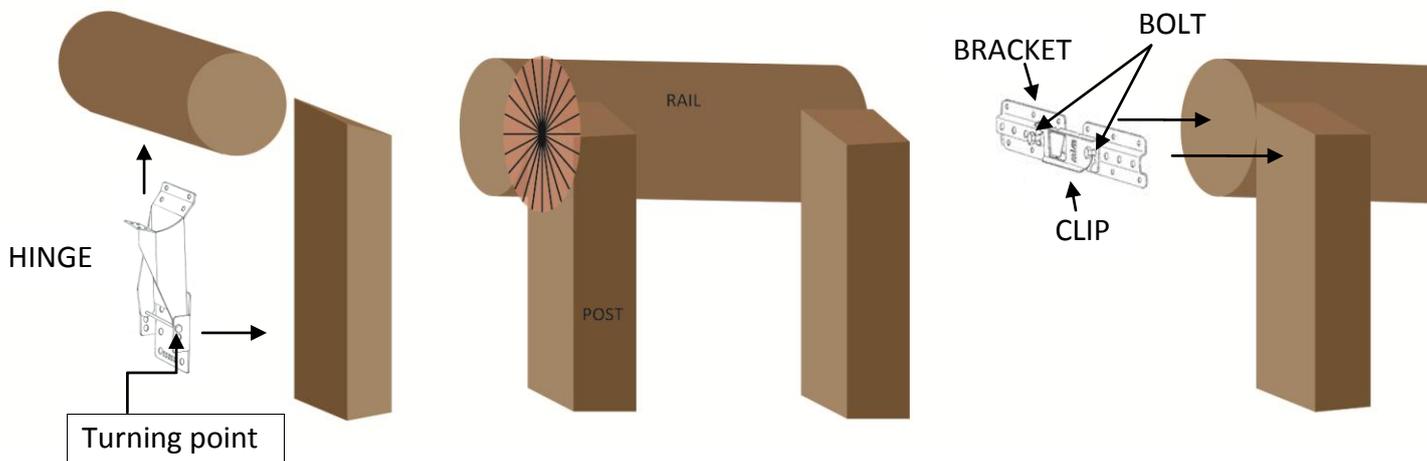
Use round or square post.

For round post minimum size 8 inch / 200 mm

For square post minimum size 8 x 8 inch / 200 mm

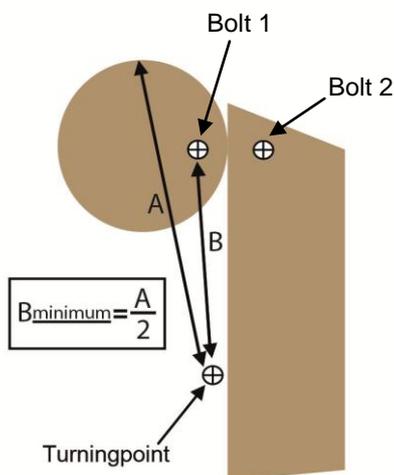
### Caution!!

To avoid risk of injuries when the rail releases, it is important to have a clearance from the ground or other part of the fence of at least 8 inch / 200 mm inside the fence. If the distance is less than 8 inch / 200 mm, a support between post and ground must be mounted.



**1) Position of bolts for clip**  
 The optimum position of bolts for clip is that they are mounted in line with the movement curve from rail.  
 It is possible to mount it +/- 30° from moving curve without changing the function of the clip.

**2) Position of bolts for clip**  
 From turning point of hinge to top of rail is height **A**.  
 Placement of Bolt 1 should never be shorter than half height **A**.  
 Placement of Bolt 2 should be as high as possible on post.



**Caution!!**

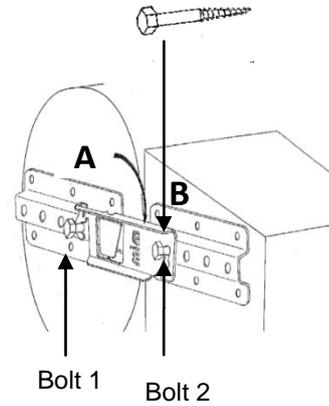
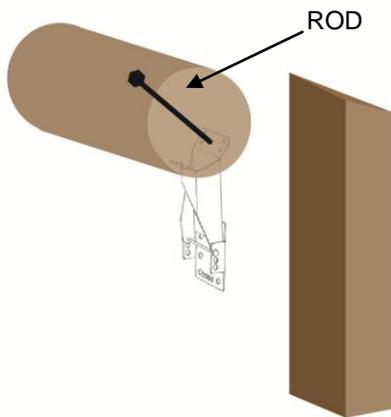
Incorrect mounting can cause failures.

**Mounting of hinge**

On Oxer, use short hinges on front rail.  
Lift up the rail to decided height and hold it in position. If round posts are used, then do an area flat, which to mount the hinge on. Mount the hinges between post and rail, use wood screw ¼x3 inch / 6x80mm.

*Advise*

*If there is a risk of cracks in the rail, use a threaded (M12) rod through the rail and hinge. After the hinges are mounted, test the function.*



**Mounting of clip**

Fold up the rail so it leans against the posts. Make sure that area A and B are in line.

If round posts are used make a flat area on the posts.

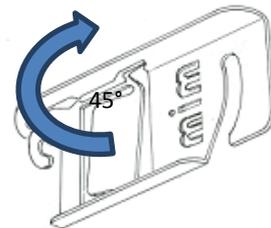
Drill with ¼ inch / 6 mm for bolt 1 and 2. Distance between bolt 1 and 2 is 5 inch / 127 mm.

Mount brackets, check which holes are suitable for bolts. Check with Clip if distances between the bolts are correct. If the distance is correct mount the brackets with wood screw ¼x3 inch / 6x80mm.

**Function of clip**

The clip is equipped with an indicator.  
The indicator activates / folds up 45° at a hard hit at the fence.

**When indicator is folded up the clip MUST be replaced.**



Helpline: mats@mim.se

