

MIMSafe NewEra Safety Clip & Universal Quick Change Pin with Damage Indicator

Approved by FEI 2013 official industry standard FEI 101 SWE & FEI 102 SWE, FEI Rule Article 546. 2. 4 Frangible / Deformable Obstacles

Obstacles can be provided with frangible/deformable technology only if such technology has been approved by the FEI according to the FEI Standard for the minimum strength of frangible/deformable cross country fences. A list of approved technologies is published on the FEI website. The * symbol indicates approved.

Products



NewEra Repair Kit *

MIMClip Repair Kit 20 units
Order no. 00318
£168.61 | €214.13 | <u>USA & Canada, click here</u> (prices excl. VAT)
<u>View image gallery</u>
Mounting and Assembly Instructions



NewEra Post & Rail Kits *

Kit 1

Complete Post & Rail Kit inc. 6 clips

Order no. 00321

£87.28 | €110.85 | USA & Canada, click here

Kit 2

Complete Post & Rail Kit inc. 6 clips

Order no. 00325

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Mounting and Assembly Instructions



New Era Gate Kit

Complete Gate Kit inc. 6 clips

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Mounting and Assembly Instructions



NewEra Oxer Kit *

Complete Oxer Kit inc. 6 clips

Order no. 00329

£147.94 | €187.88 | <u>USA & Canada, click here</u> (prices excl. VAT)

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Mounting and Assembly Instructions



New Era W-Kit

complete W-Kit inc. clips

Order no.

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Mounting and Assembly Instructions



New Era OT-Kit

Complete OT-Kit inc. clips

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Mounting and Assembly Instructions



NewEra Table Kit

Complete Table Kit inc. 6 spare clips

Order no. 00320

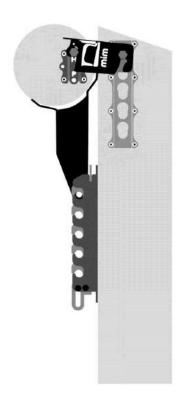
£218.87 | €277.96 | <u>USA & Canada, click here</u> (prices excl. VAT)

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Mounting and Assembly Instructions



Safety first and foremost since 1986 Approved by the standards of FEI01SWE According to Version 22 of the FEI standard for the minimum strength of frangible/deformable cross country fences





Information about the Adjustable Post & Rail Kit

The Adjustable Post and Rail kit has been designed and developed specifically to greatly reduce the risk of rotational falls which can cause death to both rider and horse. 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 rail is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus averted.

The advantages of the Adjustabel Post & Rail kit

- 1. It has been produced with safety being the first and foremost important factor.
- 2. Reduces rotational falls.
- 3. FEI approved number FEI01SWE.
- Controlled movement of fence during release.
- 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.

Important recommendations for installation

It is essential to follow the recommended dimensions on the fence for the correct function. If the recommended procedure is not correctly followed it may cause the failure of the device. For your own safety and that of others please note the following step by step advice for correct preparation and installation ensuring you follow your own health and safety requirements when constructing this kit.

The Mim clip (F18C) breaks on impact, which clearly indicates when replacement is needed. The rail is connected to the post with an hinge 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.

- 1. Ensure that you have all parts of the Adjustable Post & Rail Kit
- Be aware of the risk of injury when handling heavy rails and poles and also when handling the tools for mounting.

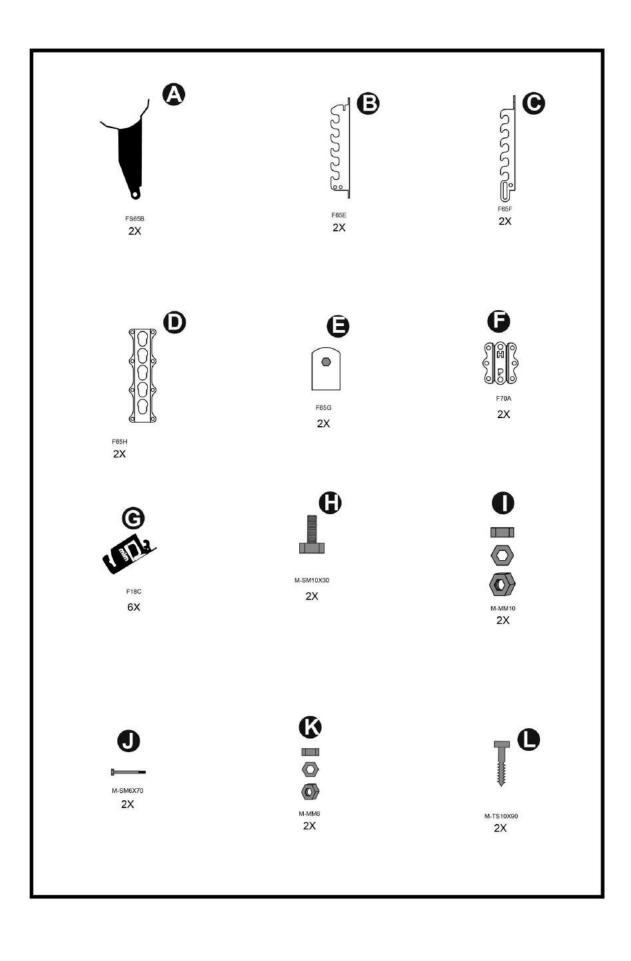
Recommended fence dimensions

Post: diameter 7 7/8- 9 27/32 = 200-250mm

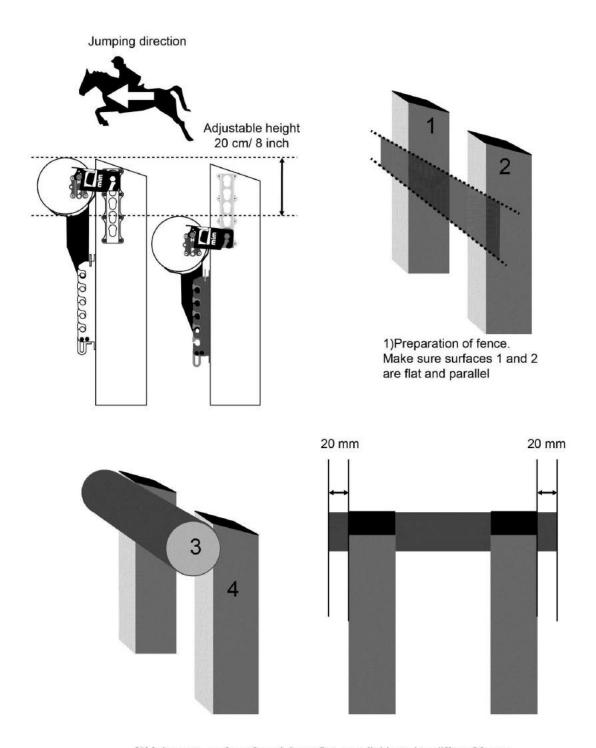
Top weight: max 440,92 lb = 200 kg



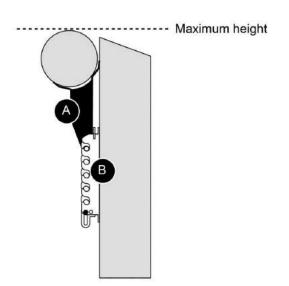




Installation of adjustable Post and Rail



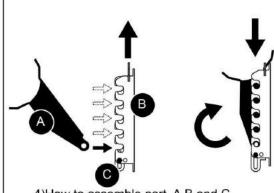
2)Make sure surface 3 and 4 are flat, parallel but also differs 20 mm.



3)To be able to mount the system, several people are needed. The posts need to be mounted in the ground.

Lift up the rail in its maximum position.

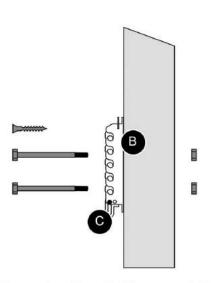
Place the parts in position and make a mark on the posts and rail where part A and B should be positioned.



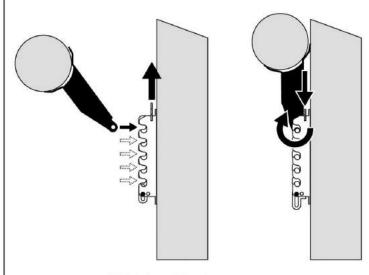
4)How to assemble part A,B and C



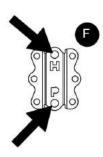
5)Fasten part A by the rail with 8 wooden screws or threaded rod through the rail. Use a hammer to make the gap close around the rail.



6)Mount the adjustable hinges parallell to each other and towards the posts. Use wooden screws or threaded rod through the posts

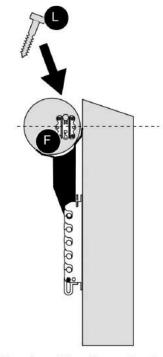


7)Put the rail in place.

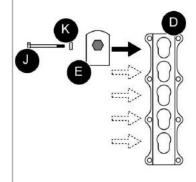


8)Part F. Decide if the fence should be suitable for horse or pony. Choose to put the carriage bolt in the hole next to either Letter H for horse or letter P for pony.

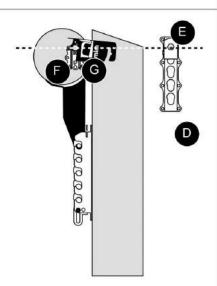
Letter H should be mounted upwards.



9)Mount part F on the ends of the rail with bolts L. It should be positioned on horizontal line crossing the centre of the rail.

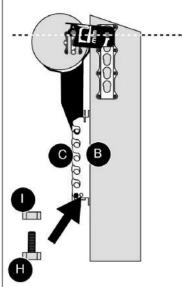


10)Since the hinge A is in its highest position, then part E should be placed in highest position on part D Use bolt J and nut K to fasten part E.



11)Measure where part E and part D should be placed by putting clip G on part F and make a mark on the rail.

The bolts should be approximately in line.

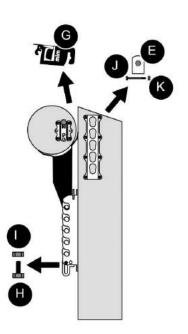


12)Secure the rail by locking part B and C by placment of bolt H and nut I.

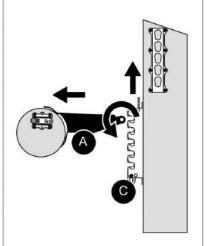


13)When a fence is hit the clips G indicates if they needs to be changed. If the wings are folded 45 degres, then the clips G has to be replaced.

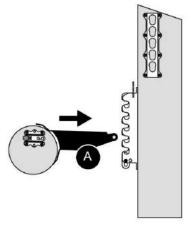
Adjust height



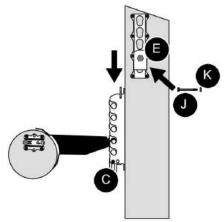
1)Remove clip G Remove part E Remove Bolts H and J Remove nuts I and K



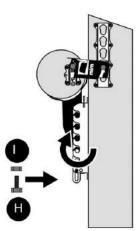
2)Fold down the rail Lift up the locking mechanism C to relese hinge A



3)Insert hinge A at new height



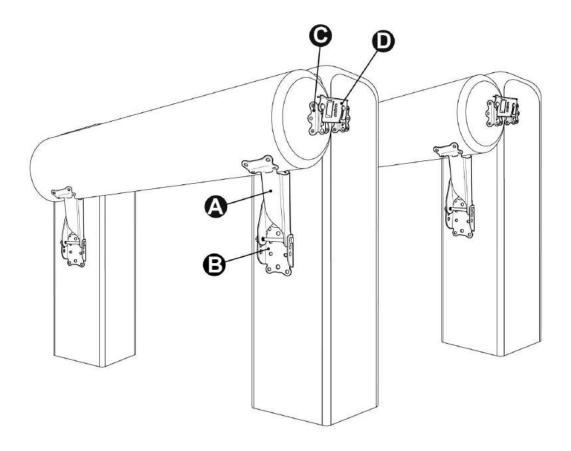
4)Seal by moving down locking mechanism C Place hinge E at new height Lock E with bolts J and nuts K



5)Fold up the rail at new height Place clip G Secure and look with bolts H and nuts I.



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Oxer kit Part no: 00329

Information about the Oxer Kit

The Oxer kit has been designed and developed specifically to greatly reduce the risk of rotational falls which can cause death to both rider and horse. 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 rail is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus averted.

The advantages of the Oxer kit

- 1. It has been produced with safety being the first and foremost important factor.
- 2. Reduces rotational falls.
- FEI approved number FEI01SWE.
- 4. Controlled movement of fence during release.
- 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.

Important recommendations for installation

It is essential to follow the recommended dimensions on the fence for the correct function. If the recommended procedure is not correctly followed it may cause the failure of the device. For your own safety and that of others please note the following step by step advice for correct preparation and installation ensuring you follow your own health and safety requirements when constructing this kit.

The Mim clip (F18C) breaks on impact, which clearly indicates when replacement is needed. The rail is connected to the post with an hinge 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.

- 1. Ensure that you have all parts of the Oxer Kit
- 2. Be aware of the risk of injury when handling heavy rails and poles and also when handling the tools for mounting.

Recommended fence dimensions

Post: diameter 7 7/8- 9 27/32 = 200-250mm

Rail: min diameter 7 7/8 inch = 200mm / max diameter 11 13/16 inch = 300 mm

Rail length: minimum 9 ft 10 7/64 inch = 300 cm

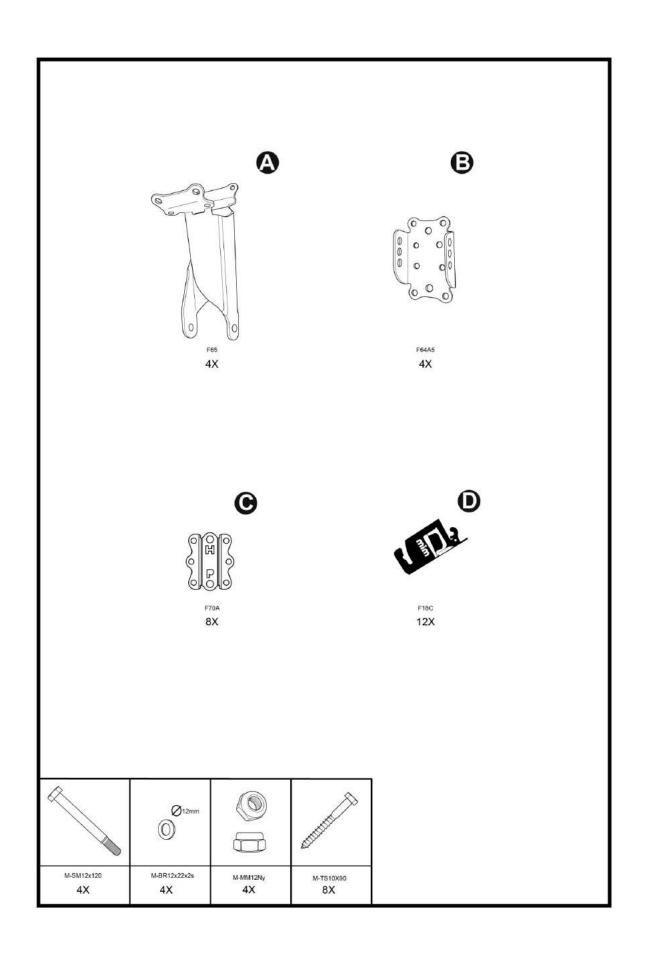
Rail weight: max 440,92 lb = 200 kg

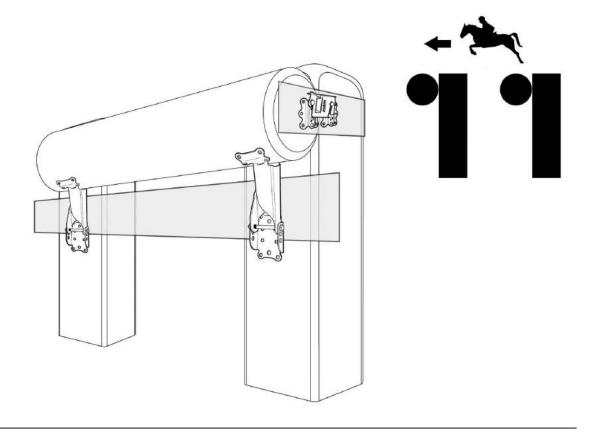
Please visit www.mim.se for more information about the product.

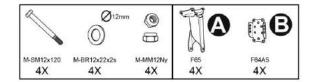


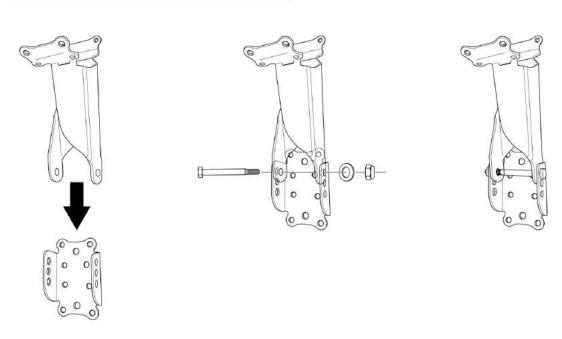


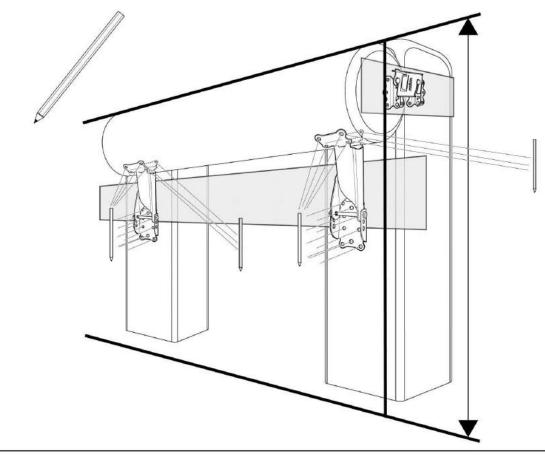
Oxer kit Part no: 00329

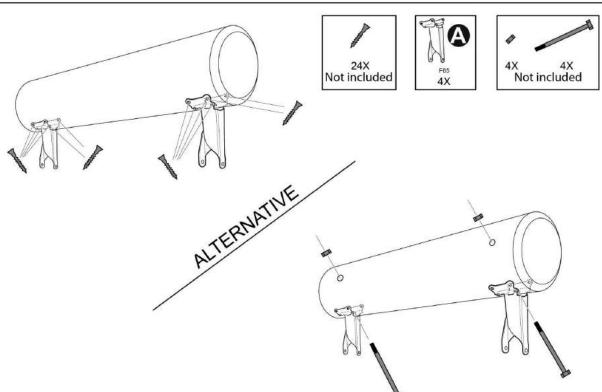


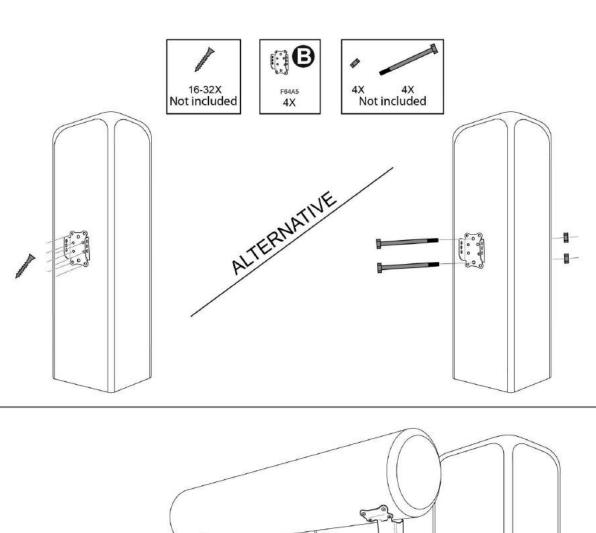


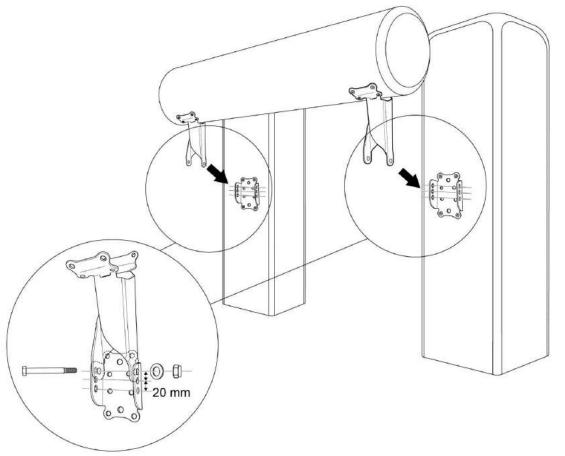


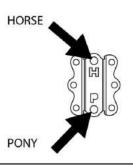


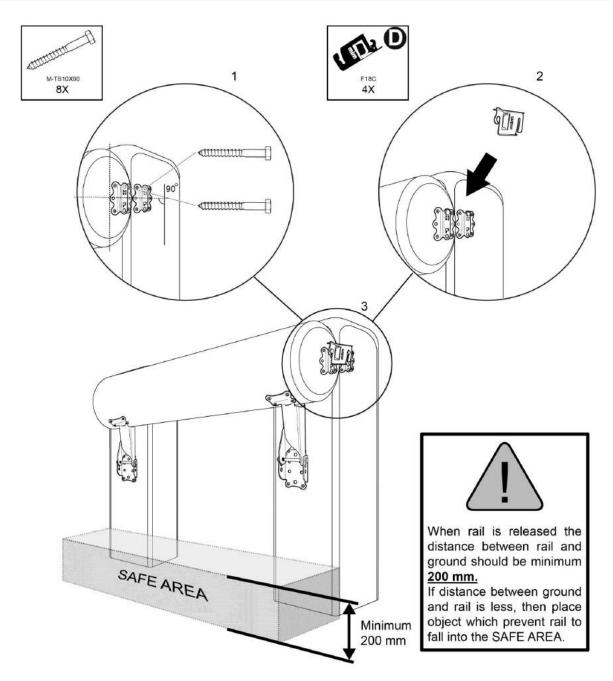


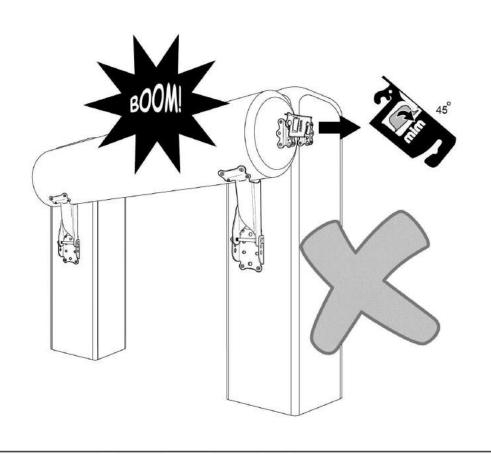


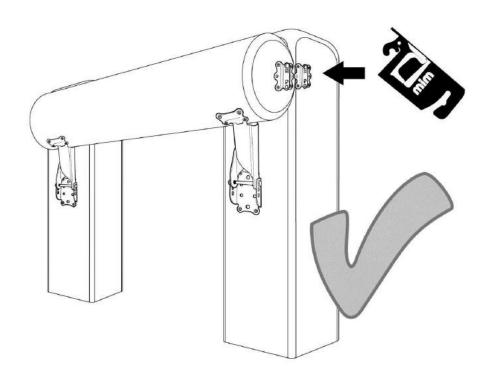






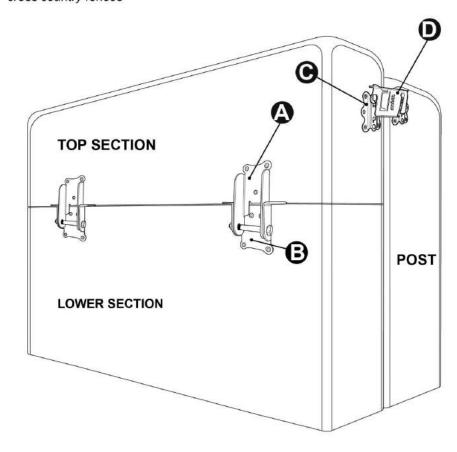








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Wall kit Part no: 00324

Information about the Wall kit

The Wall kit has been designed and developed specifically to greatly reduce the risk of rotational falls which can cause death to both rider and horse. 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 section is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus minimized.

The advantages of the Wall kit

- 1. It has been produced with safety being the first and foremost important factor.
- 2. Reduces rotational falls.
- 3. FEI approved number FEI....SWE, using common clip approval number FEI01SWE.
- 4. Controlled movement of fence during release.
- 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 ISO 9001.



Wall kit Part no: 00324

Important recommendations for installation

The top section is the foldable part of the fence and needs to be torsionally rigid. A torsionally rigid object is achieved by making a box construction. This concerns the top section which should be a rounded or square box construction. This to avoid torsion when the fence is activated by impact of center. Secure the posts into the ground.

It is essential to follow approved sizes of the fence for the correct function. If the recommended procedure is not correctly followed it may cause failure of the device. For your own safety and that of others please note the following step by step advice for correct preparation and installation when constructing this kit.

The Mim clip (F18C) breaks on impact, which clearly indicates when replacement is needed. It is most important to check both sides and examine both clips.

The fence is constructed to only give penalty points if folded down completely. It should not be considered released if the clip is only activated at one side.

The top section is connected to the post with an hinge 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 system is approved according to FEI standard and therefore only positon H for horse on bracket C is fully approved.

- 1. Ensure that you have all parts of the Wall Kit.
- Be aware of the risk of injury when handling heavy rails and poles and also when handling the tools for mounting.

Approved fence sizes

This system has been tested for a range of sizes to meet FEI standard

Top section Minimum weight 40 kg/ 88 lb Top section Maximum weight 300 kg/ 661lb

NOTE!

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

Recommended material: Spruce or pinewood.

CAUTION!

The fence could cause risk of injury in upfolded position

IMPORTANT!

The use of wall kit does not guarantee the prevention of serious or fatal riding accidents in cross country competition or training

Even with a properly fitted systrem in place it is still possible for a serious or fatal accident to occur at a cross country fence.



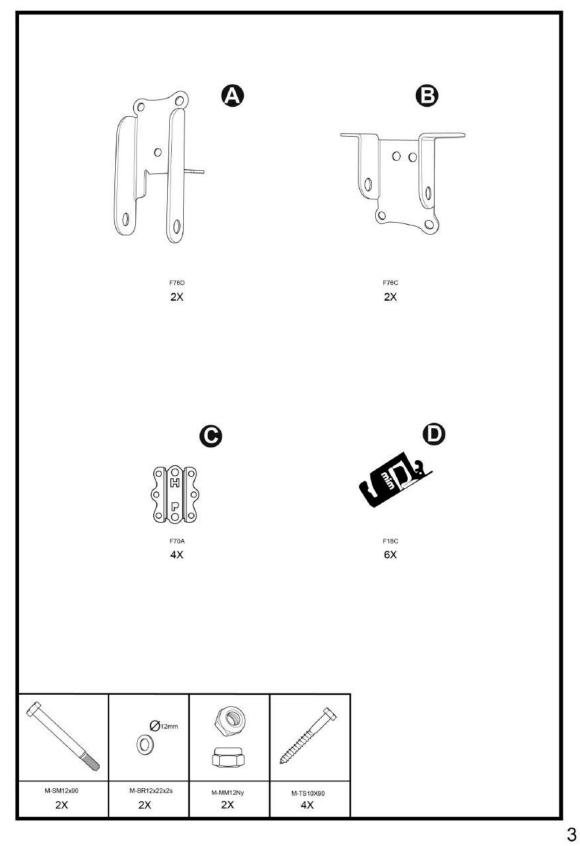


Please visit www.mim.se for more information about the product.

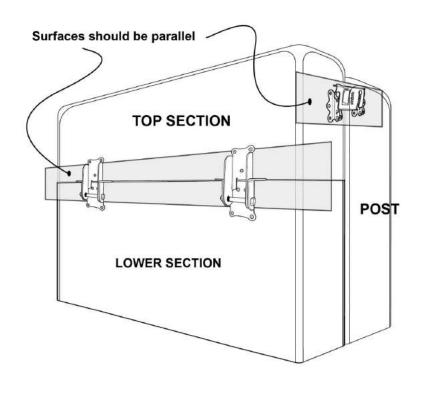
Wall kit

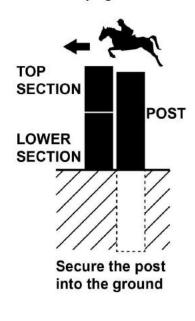
Part no: 00324

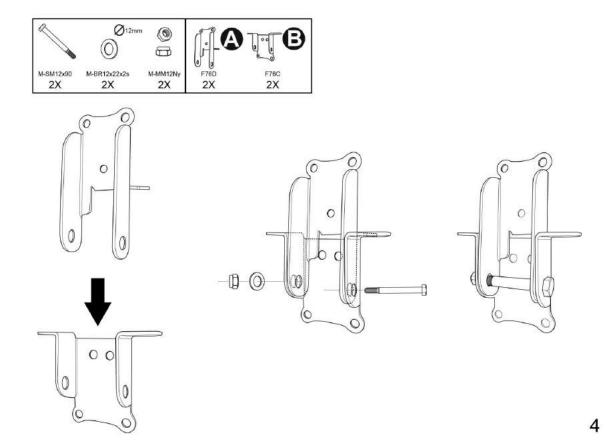
Edition 2016-01-07

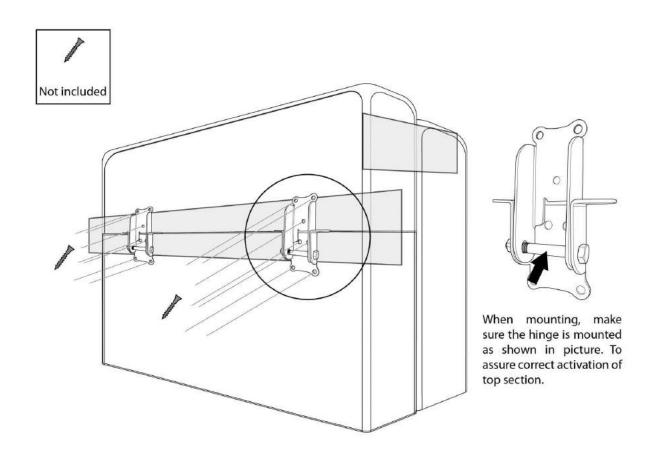


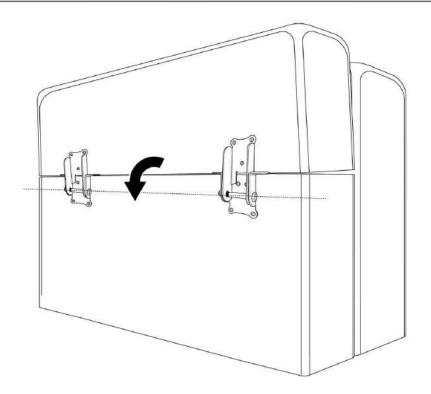
Jumping direction

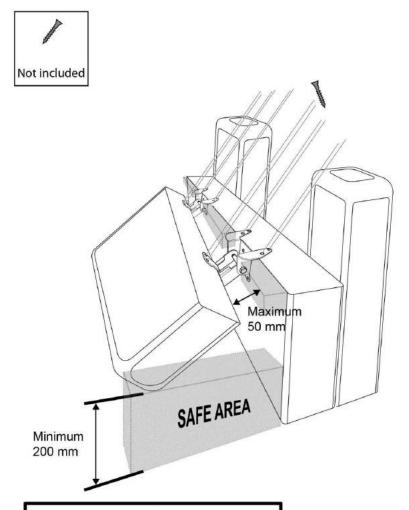














When top section is released the gap between top section and bottom section should be maximum 50 mm.

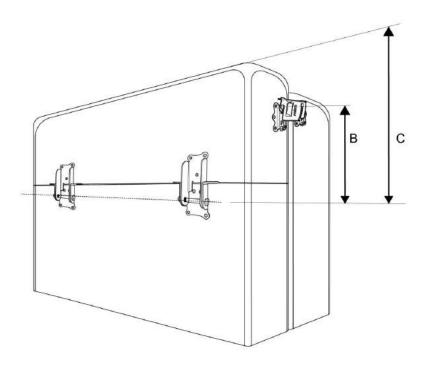
If gap is wider, then place object which shrinks the gap.



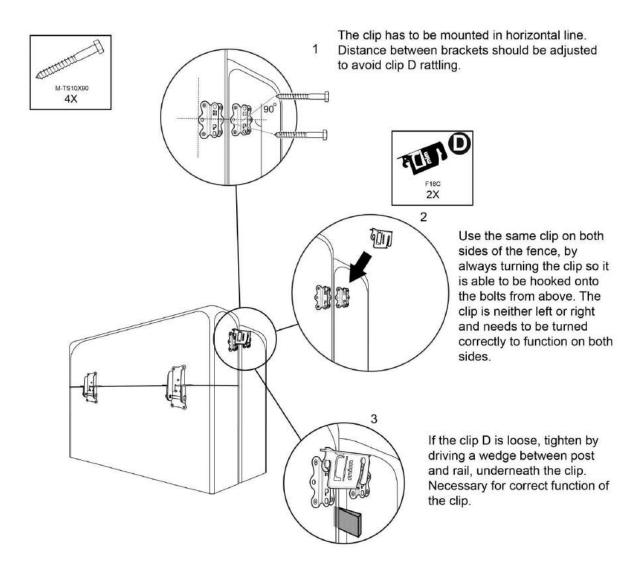
When top section is released the distance between top section and ground should be minimum 200 mm.

minimum 200 mm.

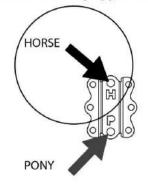
If distance between ground and top section is less, then place object which prevent top section to fall into the SAFE AREA.

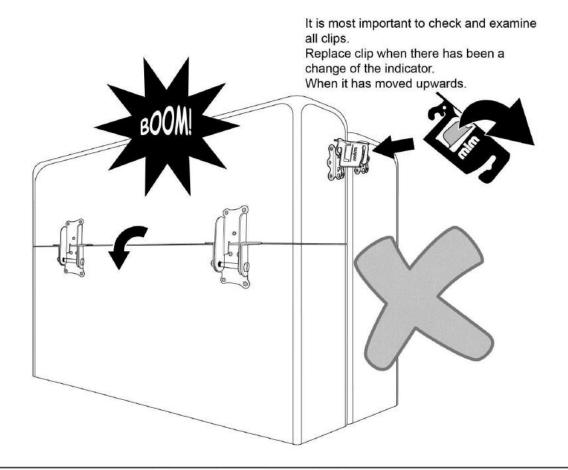


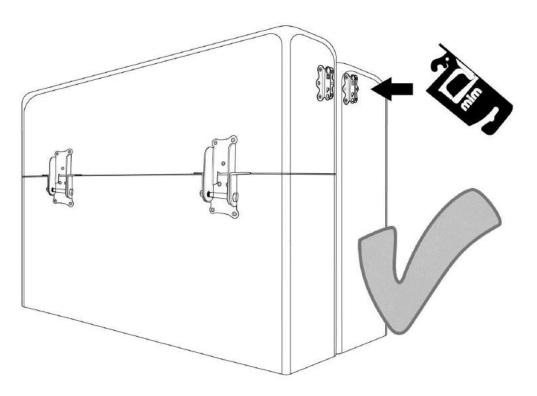
The distance B should be 65% of C



The system is approved according to FEI standard and therefore only position H for horse on bracket C is fully approved.









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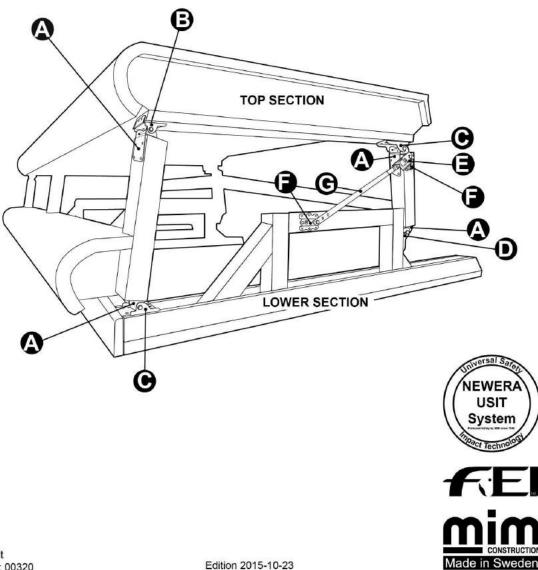


Table kit Part no: 00320

Information about the Table Kit

The Table kit has been designed and developed specifically to greatly reduce the risk of rotational falls which can cause death to both rider and horse. 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 minimized.

The advantages of the Table kit

- 1. It has been produced with safety being the first and foremost important factor.
- 2. Reduces rotational falls.
- 3. FEI approved number FEI....SWE, using common clip approval number FEI01SWE.
- 4. Controlled movement of fence during release.
- 5. Reconstruction time is less than 30 seconds.
- 7. The parts are made of powder coated steel and can be left outdoor, no maintenance is required.
- 8. The very highest quality of product from Sweden ISO 9001.



Table kit Part no: 00320

Important recommendations for installation

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

Diagonal reinforcement should be applied, this to avoid torsion when the fence is activated by impact of center.

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

It is essential to follow approved sizes of the fence for the correct function. If the recommended procedure is not correctly followed it may cause failure of the device. For your own safety and that of others please note the following step by step advice for correct preparation and installation when constructing this kit.

The Mim clip (F18C) breaks on impact, which clearly indicates when replacement is needed. It is most important to check both sides and examine both clips.

The fence is constructed to only give penalty points if folded down completely. It should not be considered released if the clip is only activated at one side.

The upper and lower sections 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 system is approved according to FEI standard and therefore only positon H for horse on bracket F is fully approved.

- 1. Ensure that you have all parts of the Table Kit
- Be aware of the risk of injury when handling heavy rails and poles and also when handling the tools for mounting.

Approved fence sizes

This system has been tested for a range of sizes to meet FEI standard

Top section Minimum weight 200 kg/ 440 lb Top section Maximum weight 350 kg/ 770 lb

NOTE!

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

Following dimensions and approved weights will be achieved.

Top section Minimum width 3000 mm/ 119 inch Top section Maximum width 4500 mm/ 177 inch Top section Minimum spread 1000 mm/ 39 inch Top section Maximum spread 2000 mm/ 79 inch

Top section should be constructed as an framework. Material thickness 45 mm/ 1.8 inch.

Recommended material: Spruce or Pinewood

CAUTION!

The fence could cause risk of injury in upfolded position

IMPORTANT!

The use of table kit does not guarantee the prevention of serious or fatal riding accidents in cross country competition or training

Even with a properly fitted systrem in place it is still possible for a serious or fatal accident to occur at a cross country fence.

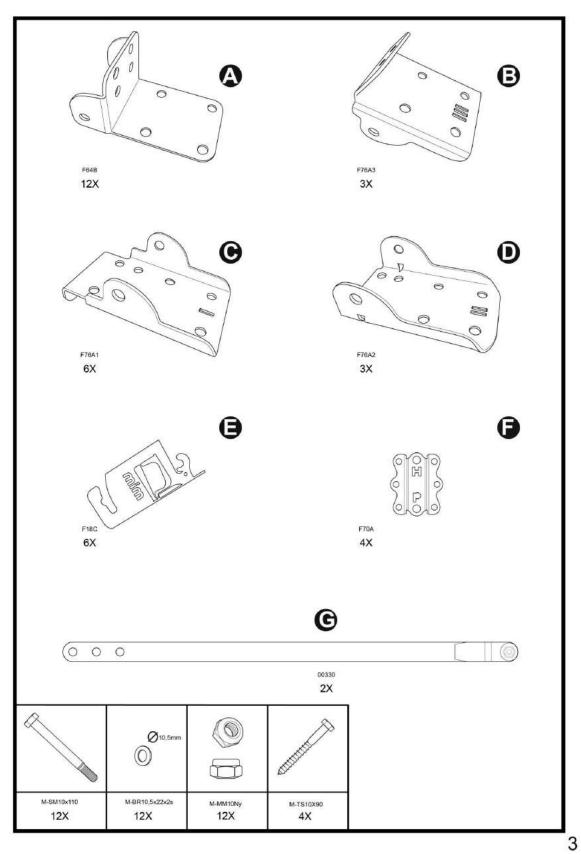
Please visit www.mim.se for more information about the product.

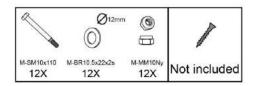
Table kit

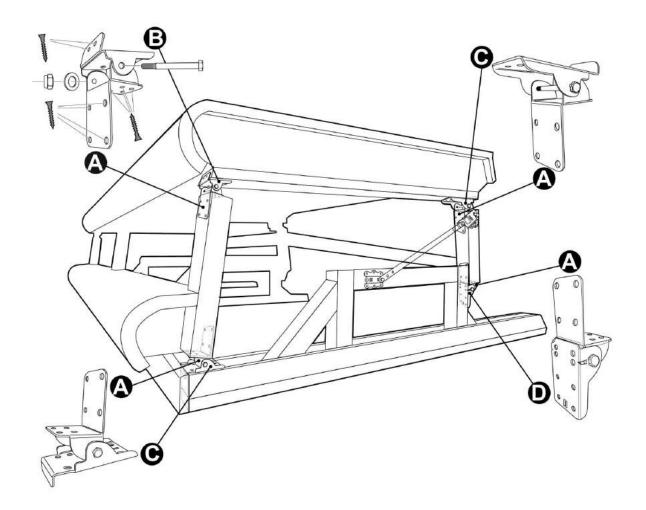
Part no: 00320 Edition 2015-10-23









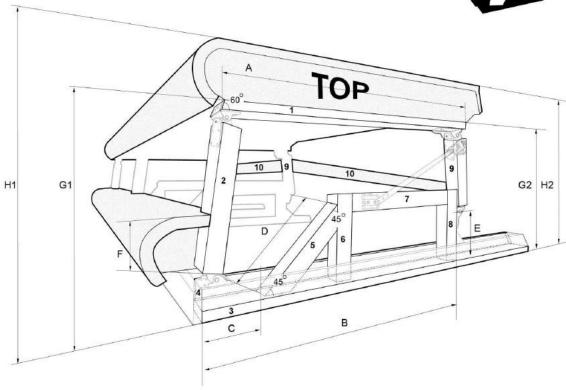


MIDSIZE

Recommended for CIC* and lower fences







Instruction: Decide length A

Millimeter

Piece	Cross Section	Length	Minimum lenght
1	45x95	A	1030
2	90x95	435	
3	45x195	(A+470)	1600
4	45x95	(A+470)	1600
5	90x95	D=450	
6	90x95	400	
7	90x95	(A-775)	255
8	90x95	400	
9	90x95	310	
10	45x145		
		B=(A+15)	1045
		C=300	
		E=320	
		F=250	250
Contro	I measure	G1=765	
Control measure		G2=745	
Complete barrier		H1 estimated 1070 or lower	
Complete barrier		H2 estimated 1100 or lower	

Inch

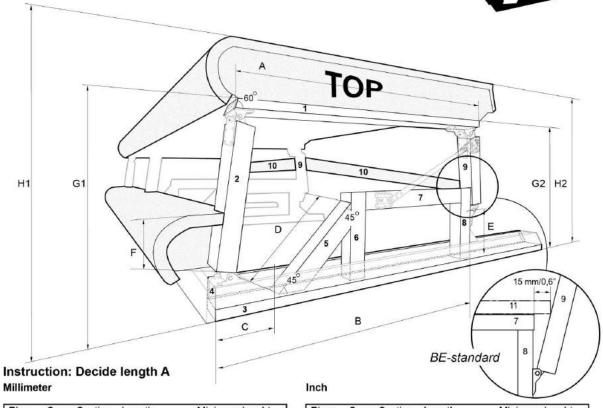
Piece	Cross Section	Length	Minimum lenght
1	2"x4"	Α	40,5"
2	3,5"x4"	17,1"	183
3	2"x8"	(A+18,5")	63"
4	2"x4"	(A+18,5")	63"
5	3,5"x4"	D=17,7"	
6	3,5"x4"	15,7"	
7	3,5"x4"	(A-30,5")	10"
8	3,5"x4"	15,7"	
9	3,5"x4"	12,2"	
10	2"x6"		
		B=(A+0,4")	41,1"
		C=11,8	T. J. Alle Sec. 1
		E=12,6	
		F=9,8"	9,8"
Control measure		G1=30,1"	
Control measure		G2=29,3"	
Complete barrier		H1 estimated 42,1" or lower	
Complete barrier		H2 estimated 43,3" or lower	

FULLSIZE

Recommended for CIC** and higher fences

Jumping direction

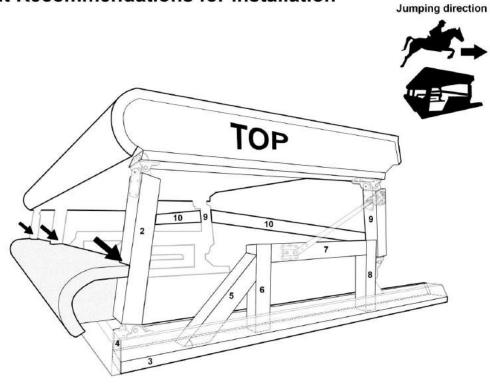




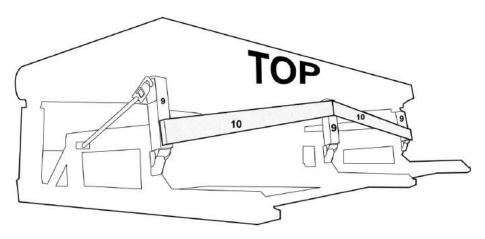
Piece	Cross Section	Length	Minimum lenght
1	45x95	A	1255
2	90x95	590	Pro-1807-1807-1807
3	45x195	(A+595)	1850
4	45x95	(A+595)	1850
5	90x95	D=600	
6	90x95	500	
7	90x95	(A-885)	370
8	90x95	500	
9	90x95	430	
10	45x145		
BE-Sta	andard		
11 90X95	90X95	(A-680)	575
		B=(A+30) C=300 E=320 F=250	1285
Contro	l measure	G1=925	(CONTRACT)
Control measure Complete barrier		G2=900 H1 estimated 1120 or higher	

Piece	Cross Section	Length	Minimum lenght
1	2"x4"	A	49,4"
2	3,5"x4"	23,2"	The state of the s
2	2"x8"	(A+23,4")	72,8"
4	2"x4"	(A+23,4")	72,8"
5	3,5"x4"	D=23,8"	
6	3,5"x4"	19,7"	
7	3,5"x4"	(A-34,8")	14,6"
8	3,5"x4"	19,7"	
9	3,5"x4"	16,9"	
10	2"x6"		
BE-Sta	andard		
11	3,5"x4"	(A-26,8")	22,6"
		B=(A+1,2")	50,6"
		C=11,8	
		E=12,6	
		F=9,8"	9,8"
Control measure		G1=36,4"	
Control measure		G2=35,4"	
Complete barrier		H1 estimated 44" or higher	
Complete barrier		H2 estimated 45,3" or higher	

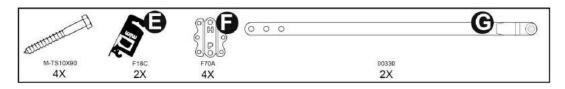
Important Recommendations for installation

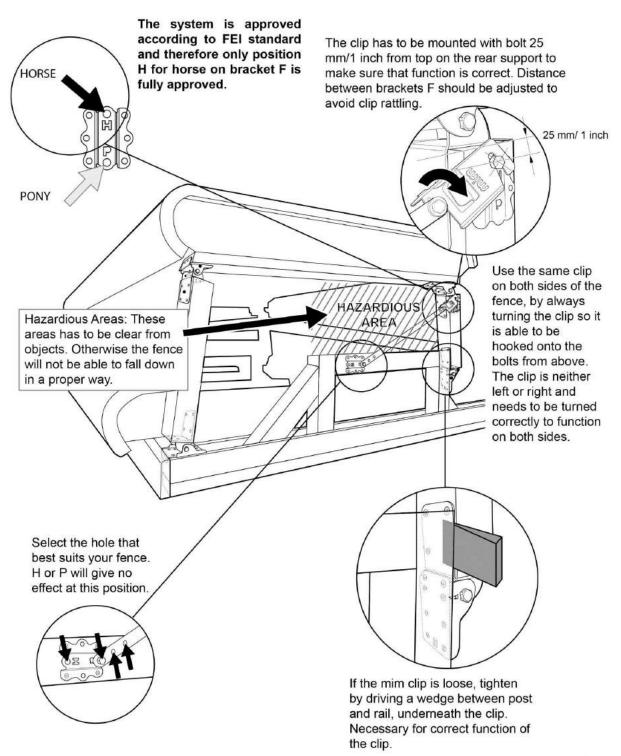


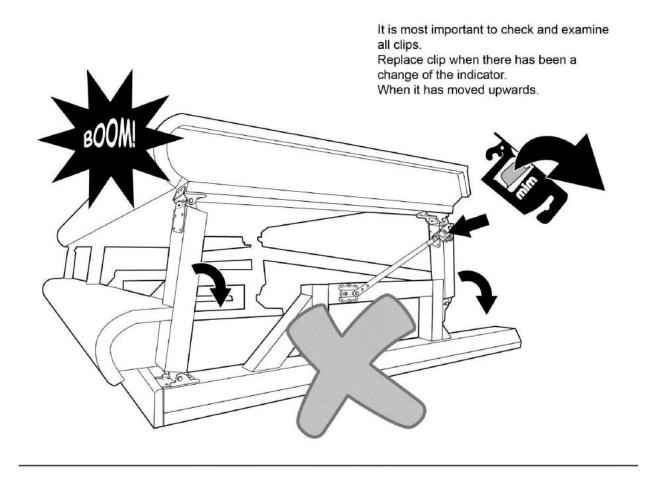
Top section is the foldable part of the fence and needs to be torsionally rigid. The three posts No 2 should be connected to a box construction or wall to become a rigid object. This to avoid torsion when the fence is activated by impact of center.

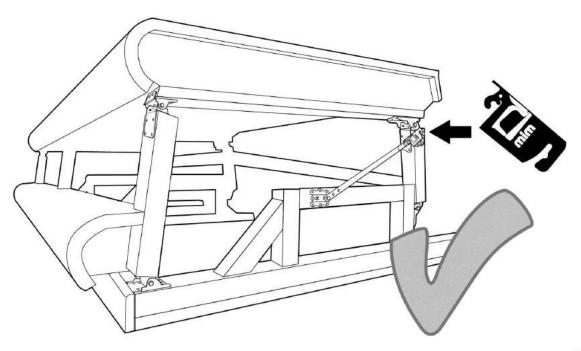


Top section is the foldable part of the fence and needs to be torsionally rigid. Diagonal reinforcement No10 should be applied. This to avoid torsion when the fence is activated by impact of center.

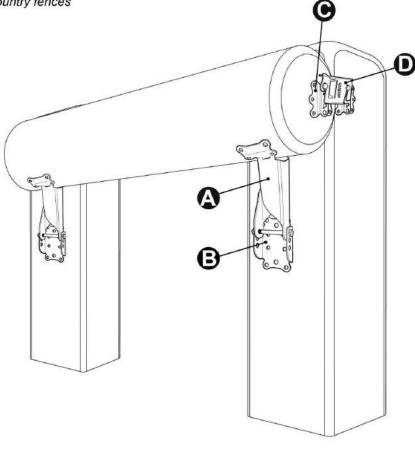








Safety first and foremost since 1986 Approved by the standards of FEI01SWE According to Version 22 of the FEI standard for the minimum strength of frangible/deformable cross country fences







Post & Rail kit Part no: 00321

Edition 2015-04-16

Information about the Post & Rail Kit

The Post and Rail kit has been designed and developed specifically to greatly reduce the risk of rotational falls which can cause death to both rider and horse. 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 rail is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus averted.

The advantages of the Post & Rail kit

- 1. It has been produced with safety being the first and foremost important factor.
- 2. Reduces rotational falls.
- 3. FEI approved number FEI01SWE.
- 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.

Important recommendations for installation

It is essential to follow the recommended dimensions on the fence for the correct function. If the recommended procedure is not correctly followed it may cause the failure of the device. For your own safety and that of others please note the following step by step advice for correct preparation and installation ensuring you follow your own health and safety requirements when constructing this kit.

The Mim clip (F18C) breaks on impact, which clearly indicates when replacement is needed. The rail is connected to the post with an hinge 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.

- 1. Ensure that you have all parts of the Post & Rail Kit
- 2. Be aware of the risk of injury when handling heavy rails and poles and also when handling the tools for mounting.

Recommended fence dimensions

Post: diameter 7 7/8- 9 27/32 = 200-250mm

Rail: min diameter 7 7/8 inch = 200mm / max diameter 11 13/16 inch = 300 mm

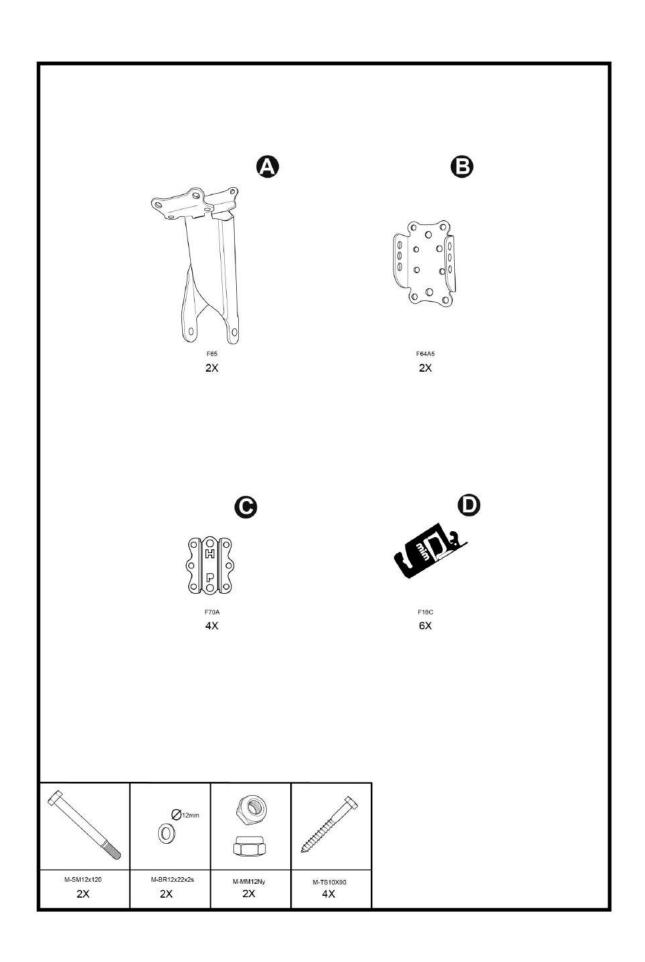
Rail length: minimum 9 ft 10 7/64 inch = 300 cm

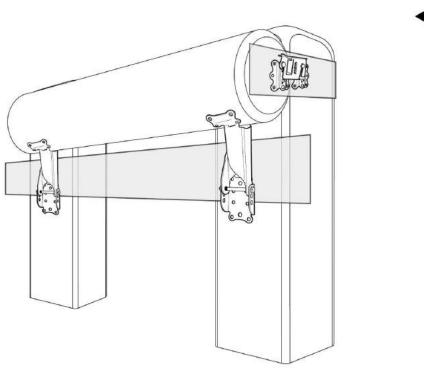
Rail weight: max 440,92 lb = 200 kg

Please visit www.mim.se for more information about the product.

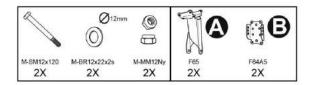


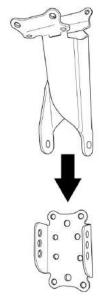


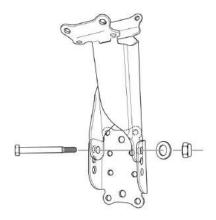


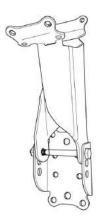


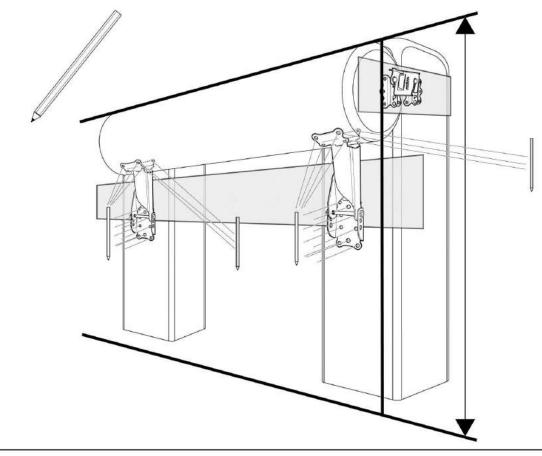


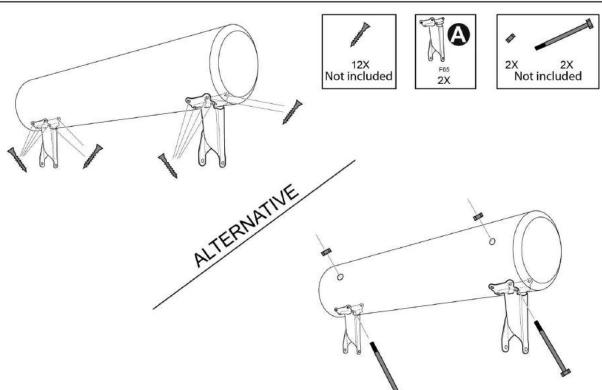


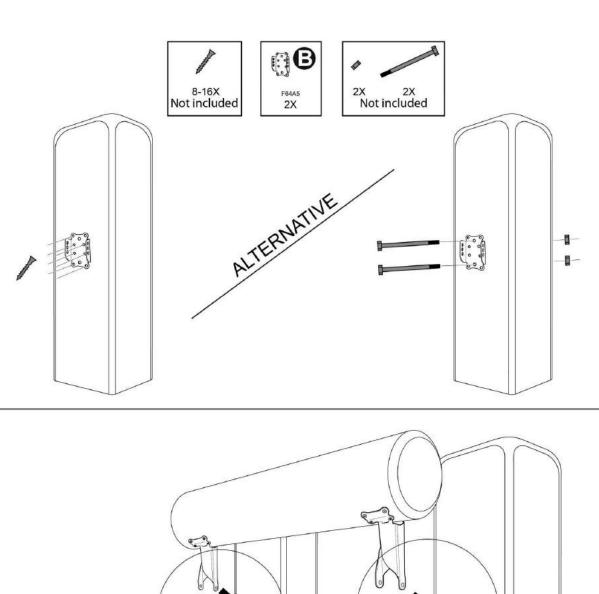


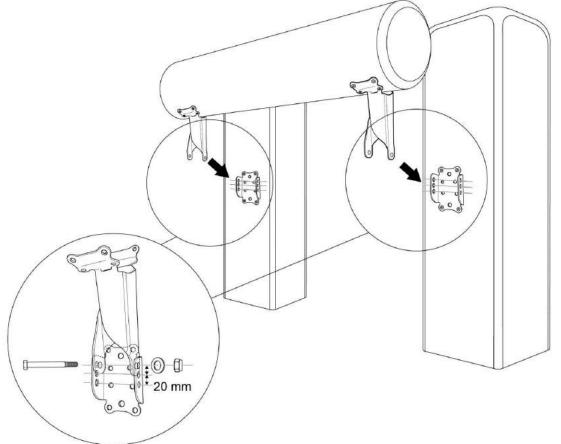


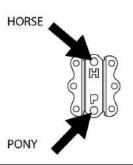


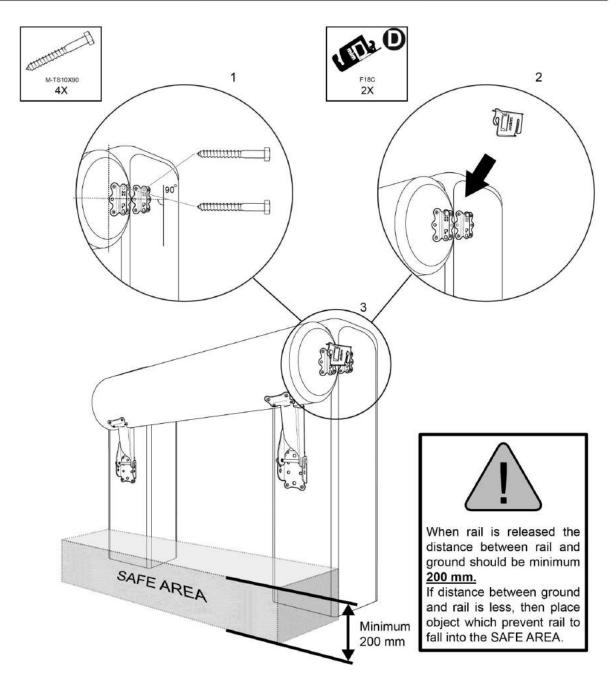


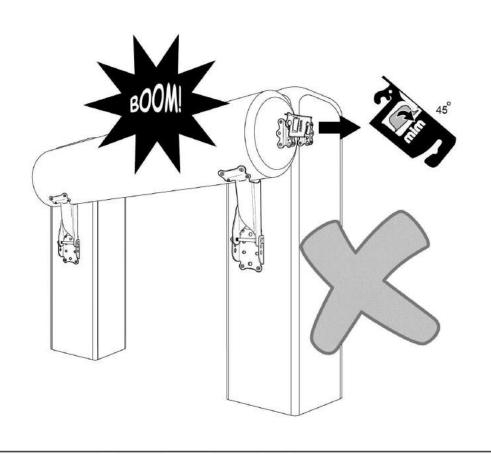


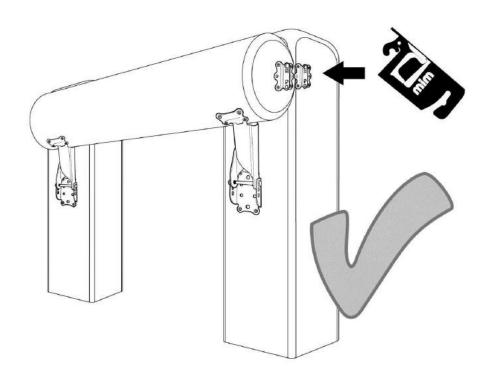












The MIM Universal Quick Change Pin & Indicator:

- The advantages of the MIMNewEra Quick Change Pin Kit
- FEI approved number 2013(TBA)
- One Universal Pin (no need for both, short or long pins)
- No ratchet tightener required
- Special damage indicator to show when the pin is damaged and needs to be replaced
- Quick change anchor bolt for speedy rebuilding
- Fully adaptable to the British Eventing pin system (fits all sleeves)



Complete universal pin kit with wire, sleeves, long pins and indication tool *
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The Universal MIMSafe Quick Change Pins will also fit the traditional BE sleeve

For information on ordering MIM Pins Please contact Shealagh Costello, USEF

Director, Eventing National Programs

859 225 6923

scostello@usef.org