



**Bounce Back®**

# Congratulations on Purchasing your **Bounce Back®** 40\*20 metre Arena Fence Kit (Without Posts)

The information provided is suggested only. It is up to the individual to ensure they use the correct fencing method suitable for their situation.

Acacia Products will not assume responsibility for design choice by the installer. If unsure it is recommended that the owner of the property seek further advice through an approved Fencing Contractor.

- ☎ 02 9756 3108
- ✉ [enquiry@fencing4horses.com.au](mailto:enquiry@fencing4horses.com.au)
- 🖱 [fencing4horses.com.au](http://fencing4horses.com.au)

## Horse Arena Fence Kit – 40\*20 metres (No Posts)

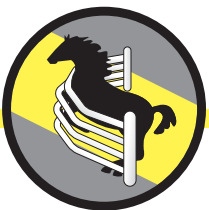
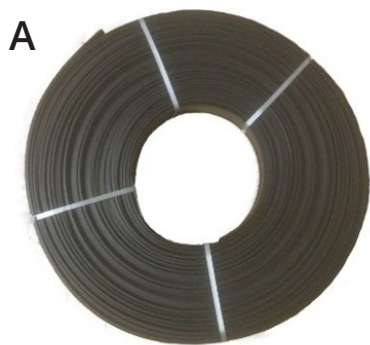
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Congratulations on purchasing a Bounceback ® Horse Fence Arena Kit

### Contents

The horse arena fence pack contains;

- A - 250mtrs (approx.) of rail. Often 2\*125meter rolls.
- B - 66 \* Standard Metal Interim Brackets to match rail.
- C - 40 \* Wire End Vise
- D - 2 \* 100 packs of screws
- E - 1 \* Wire Straining Tool.
- F - 1\* Wire Stripper Pliers.
- G - 1\* Bag of 10 800mm wire vise covers to match rail.



## The items the customer must purchase separately. (I.e. what is not included)

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1. Posts. As per our plan, attached, 31 interim posts and 6 straining posts are required if a diagonal brace is used. If a box brace is used 33 interim posts will be required if our plan, also attached, is followed.
2. Bracing for straining posts. If the kit is assembled as per standard 10 braces will need to be purchased. 2 for each corner and one either side of the gate. These could be timber, galvanised pipe or any other appropriate material.
3. Additional items for bracing as required. For example if a box brace (or H-Brace) is used, a diagonal wire or threaded rod will be required. If using a wire some sort of tensioning mechanism, like a gripper, wire end vise, or inline strainer will be required. Any bracing used must be suitable to our system and allow access to the centre of the straining posts to install our wire end vises. Please be careful not to bend our rail around any diagonal or horizontal used in the braces. See our website for more details.
4. A gate. We recommend its length be as close as possible to the interim post spacing's for consistency of appearance.

## The Basic Design

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The 40 \*20 metre kit (No posts) is designed to be all the rail and fittings required to attach to posts you supply for a 40\*20 metre arena fence. The pack assumes a uniform post spacing of 3.33 metres and that a diagonal brace is being used. The post spacing may need to be slightly adjusted for the side with the gate. If a box brace is used the post spacing will generally vary, see the following diagram.

The gate is assumed to be mid run, (we have supplied the straining vises for it to be placed mid run) on one 20 metre side, known as "A" in dressage terms. The gate can be moved to wherever required however if more than one gate is required than additional wire end vises will need to be purchased.

The pack assumes 11 posts (12 spaces) along the long run and 5 posts (6 spaces on the short run). The spacing can be varied from 3.33metres to produce the exact size or Arena required (e.g. some customers fence up to 41\*21metres to provide uninhibited space for performance in a formal 40\*20metre arena). The choice is yours. Similarly, some customers desire more than one gate, while others are happy to have their gate in the corner. This will affect the number of straining posts required, and these customers will need extra wire end vises for straining. Interim posts need to be equivalent in strength to 100mm-120mm round timber posts. Straining posts will need to be equivalent in strength to 200mm round straining posts. Posts can be of any material, although the majority of our customers use timber.



As with all fences using our system, all corner posts and gate posts will need to be properly braced. No materials for the brace are provided in the kit, so the customer can choose to either use a diagonal brace or a box brace. Therefore on the following pages we have provided a plan for;

1. A 40\*20 metre arena fence with diagonal braces.
2. A 40\*20 metre arena fence with box braces. Our plan, attached, assumes a 2.4 metre box, however customers can choose alternative sizes and adjust other post spaces accordingly.

## Key Points to a successful installation

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1. Please watch the installation video, and read the general installation manual before starting.
2. All Straining posts must be properly braced. The system relies on secure straining posts.
3. All posts must be installed to an appropriate depth. The general guidelines for 1/3 below and 2/3 above for interim posts, and ½ below and above for straining posts should be followed unless determined otherwise based on site conditions and materials used.
4. Use a string line to line up you posts to provide for easy straining.
5. Do NOT bend the rail around brace structures whether they be diagonal bracing, wire or horizontal supports.
6. Holes in posts for installing wire end vises should be drilled from the inside of the posts. Take care to drill these holes as straight as possible to avoid deformation of the rail.

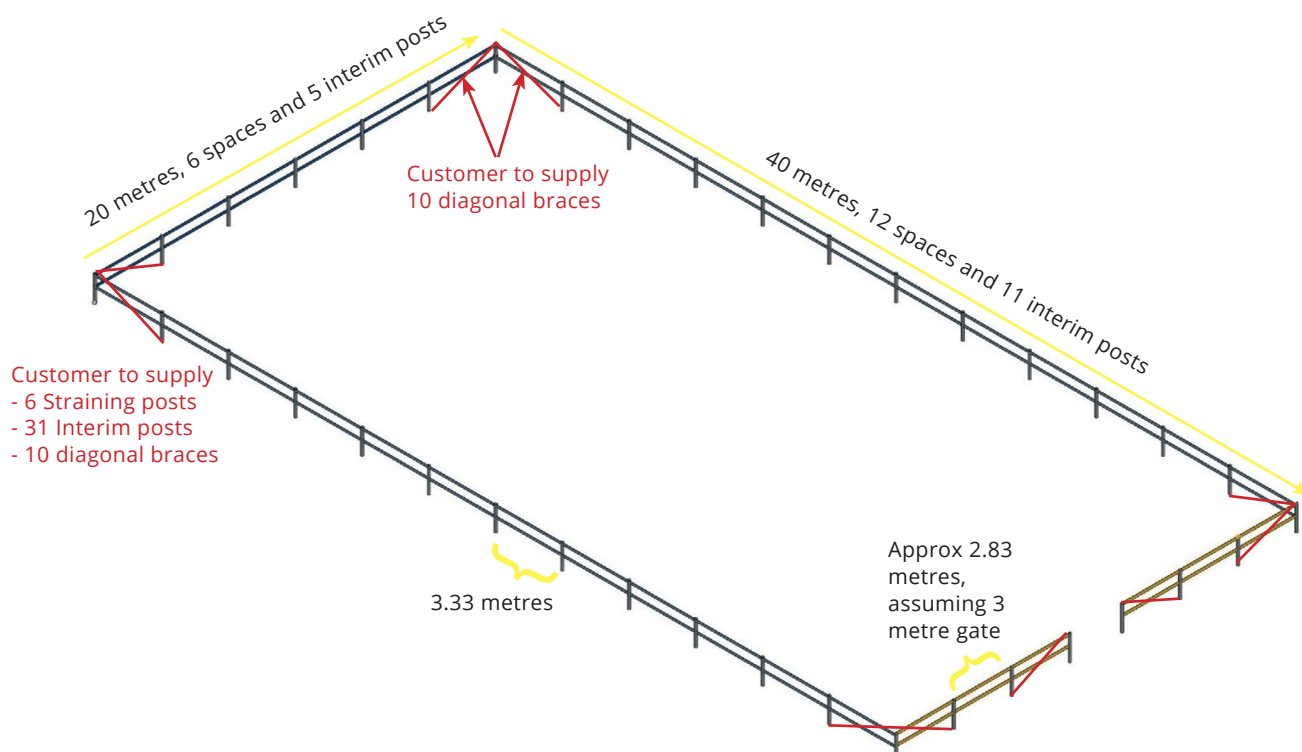
## Other Installation manuals

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If you require any further information on installing our product generally, or on how to brace posts please refer to the installation page of our website. <https://fencing4horses.com.au/horse-fence-installation/>



## Plan for 40\*20 metre Arena, using our Rail & Fittings Kit (No posts) and diagonal bracing



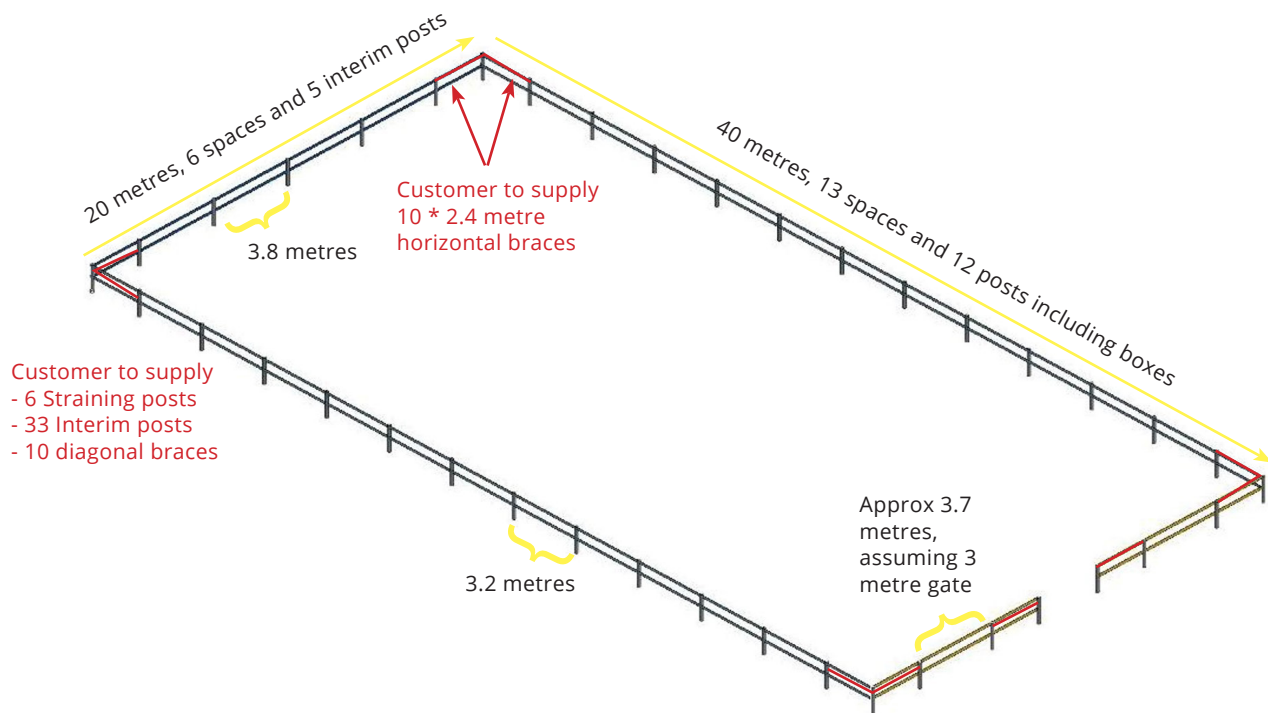
### Kit includes

1. 2 rails of fencing (approx 250 metres). Typically 2x125 metre rolls to be used as follows;  
\*Roll 1: 3x40 metre lengths  
\*Roll 2: 1x40 + 4x20 metre lengths
2. Interim Brackets for 31 interim posts, 62 pieces plus 4 spare.
3. 200 Screws for above brackets.
4. 40 Wire End vises for the 6 straining posts.
5. Straining Tool
6. Wire Stripper Pliers.
7. 10 Wire end Vise Covers.





## Possible Plan for 40\*20 metre arena using our Rail & Fittings Kit (i.e. not our posts) and box bracing



### Kit includes

1. 2 rails of fencing (approx 250 metres). Typically 2x125 metre rolls to be used as follows;
  - \*Roll 1: 3x40 metre lengths
  - \*Roll 2: 1x40 + 4x20 metre lengths
2. Interim Brackets for 33 interim posts, 66 pieces.
3. 200 Screws for above brackets.
4. 40 Wire End vises for the 6 straining posts.
5. Straining Tool
6. Wire Stripper Pliers.
7. 10 Wire end Vise Covers.

