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FORTRESS HOCKEY GOALS

Installation, Operation &
Maintenance Manual

PLAY HARD SPORTS EQUIPMENT

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Introduction

This manual provides detailed information on the installation, maintenance, usage, and warranty details of Fortress Hockey Goals supplied by Play Hard Sports Equipment Australia. Our Fortress Goals are designed for durability and performance, suitable for both amateur and professional use.

Product Details:

The Fortress Hockey Goals are designed and manufactured by Play Hard Sports Equipment using Structural Grade Aluminium. It is an FIH-regulation-compliant goal designed for top-level competition featured in the XXI Commonwealth Games, Gold Coast 2018. All the materials used in our products have been locally sourced.

Product Specifications:

- **Models:**
Fortress Hockey
- **Measurement:**
3.66m Length x 2.14m Height Inside Measurement
- **Material:**
75 x 50 mm 6061 T6 Aluminium Extrusion
- **Net Detail:** H1 Net
H1 Net: 3.66m x 1.7m x 0.9m top x 1.2m bottom, 4 mm square mesh; Heavy Duty UV Stable.
- **Color Options:**
75 x 50 Goal's Cross Bar and Upright Section are painted white, the rest of the section is painted as requested.
- **Internally weighted read board.**
- **Unique unobstructed net support frame.**
- **Synthetic grass lining on the inside to reduce noise and ball impact.**
- **Rubber Castors Wheels at the back for moving the goals**



Fortress Hockey Goal Posts is suitable for the standard Field Hockey & Hockey 5S. Apart from our standard product range, we offer custom goal sizes based on site-specific requirements. Please contact our team for further details.

Certificate of Compliance:

All our products have been structurally designed and are made using structural-grade steel. All the workmanship is completed following the relevant Australian Standards. Our Products comply with the following Australian Standards.

1. AS/NZS 1664 Aluminium structures
2. AS/NZS 1665:2004 Welding of aluminium structures
3. AS/NZS 2311:2017 Guide to the paintings of buildings

The Fortress Hockey Goals meet the FIH regulation for field hockey.

All our products are designed and manufactured here in Australia.

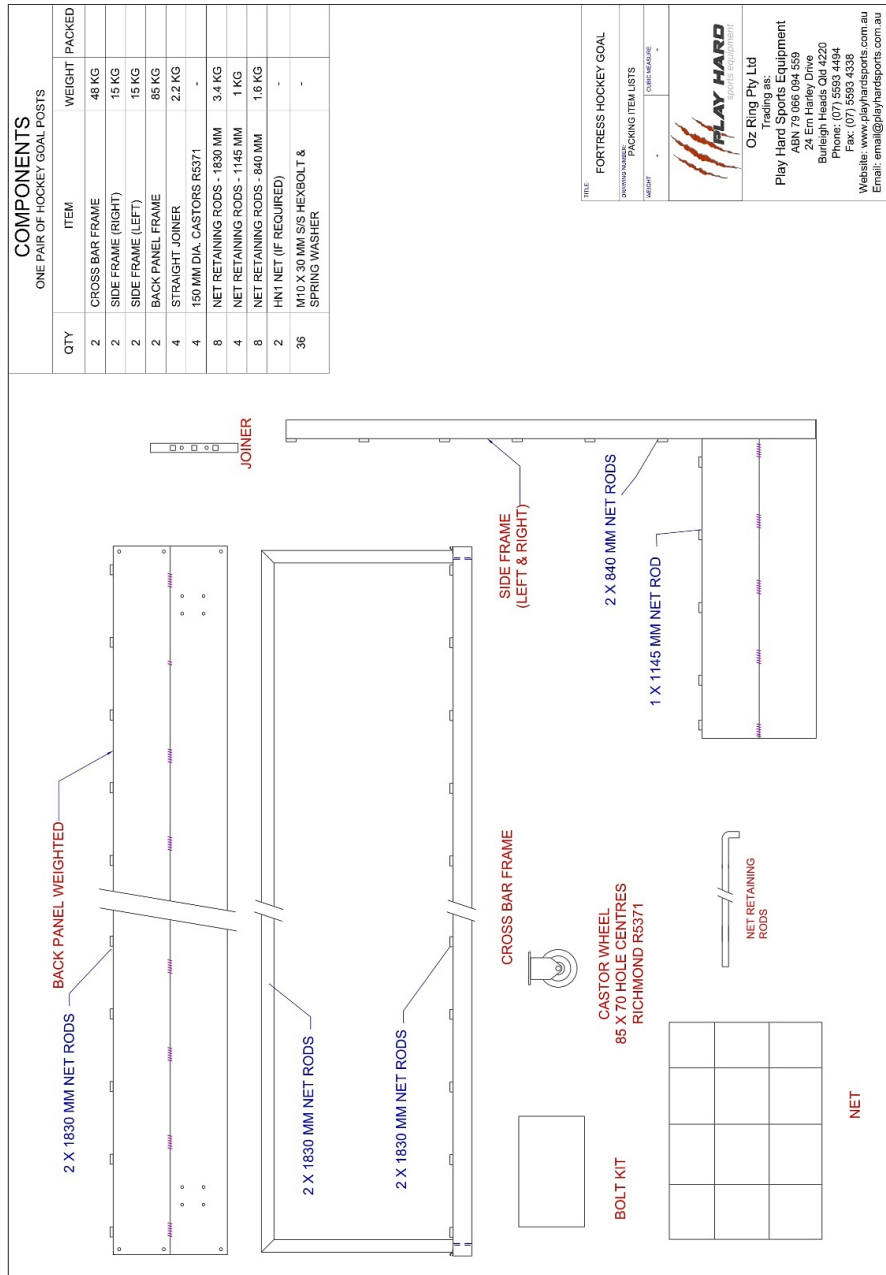


Installation Instructions:


1. Unboxing the pallet:

- The goals are flat packed in either a single pallet or 2 pallets.
- Please read the instructions manual before commencing the assembly work.
- Refer to the supplied packing lists and account for all the items listed in the packing list.
- Please be careful not to scratch the frames while unboxing.

COMPONENTS		
QTY	ITEM	WEIGHT PACKED
ONE PAIR OF HOCKEY GOAL POSTS		
2	CROSS BAR FRAME	48 KG
2	SIDE FRAME (RIGHT)	15 KG
2	SIDE FRAME (LEFT)	15 KG
2	BACK PANEL FRAME	85 KG
4	STRAIGHT JOINER	2.2 KG
4	150 MM DIA. CASTORS R5371	-
8	NET RETAINING RODS - 1830 MM	3.4 KG
4	NET RETAINING RODS - 1145 MM	1 KG
8	NET RETAINING RODS - 840 MM	1.6 KG
2	HNT NET (IF REQUIRED)	-
36	M10 X 30 MM SIS HEXBOLT & SPRING WASHER	-



TITLE	FORTRESS HOCKEY GOAL
QUANTITY	PACKING ITEM LISTS
WEIGHT	CLEAR MESSAGE



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Figure 1: Fortress Packing List

2. Assembling the frame:

- Lay the two Side Frames upright and place the Weighted Back Panel at the Side Frames using M10 x 30mm S/S Hex Bolt and Spring Washer.
- Then, Insert the Straight Joiner on top of the Side Frames and attach them using M10 x 30 mm S/S Hex Bolt and Spring Washer.
- Place the Cross-bar Frame on top of the Side Frames and attach them using the bolt kit.
- Properly tighten the bolts, until the frame is secured.

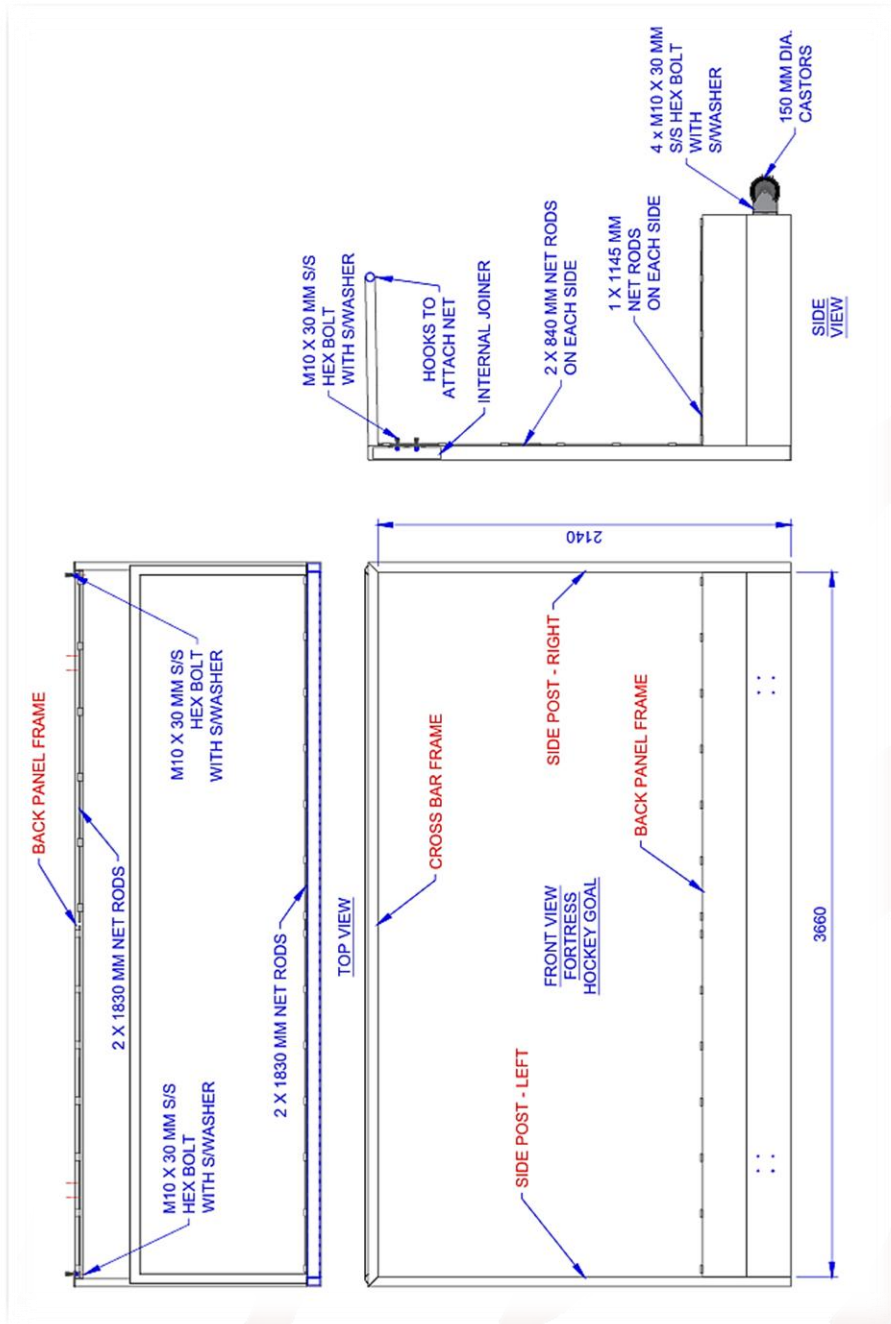
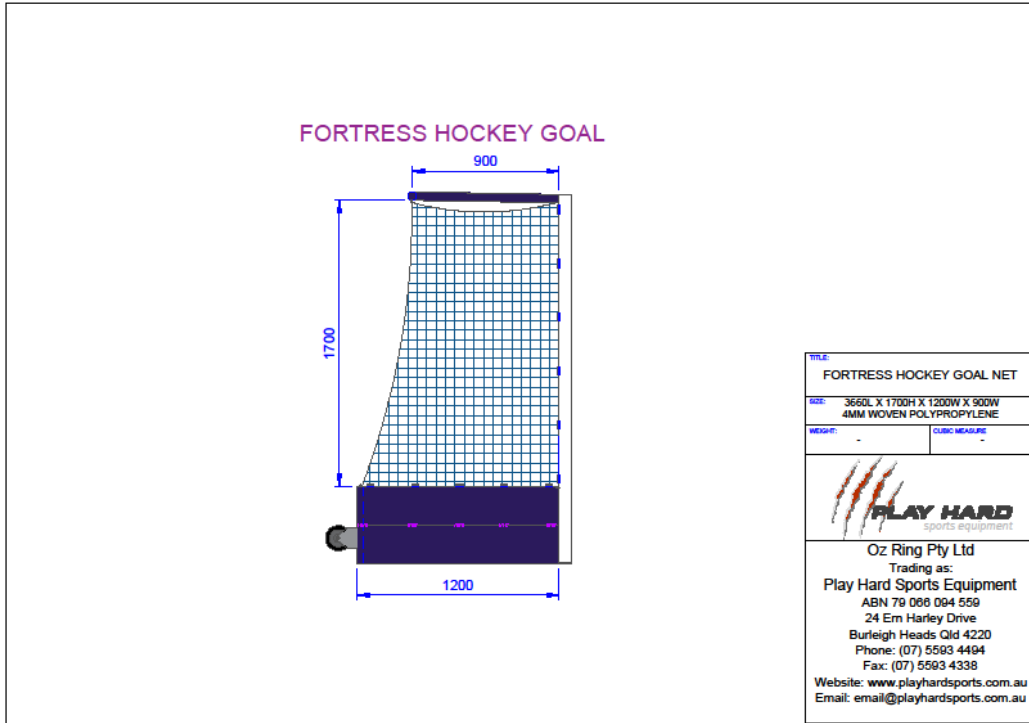


Figure 2: Fortress Hockey Assembled

3. Attaching the net:

1. To attach the net, use the rods supplied to feed across the groove in the frame.
 - 1830 mm – Back Panel and Cross Bar
 - 1145mm – Side Panel
 - 840mm – Upright Section



4. Attaching the Wheels

2. To attach the rubber castor wheel, use the M10 x 30mm S/S Hex Bolt and Spring Washer.

Operating Instructions

- Please refer to the instructions before moving the goals.
- Moving the goal is a two-person operation.
- The goal can be moved by tipping the goal backwards onto the two wheels at the rear of the backboard.
- To tip the goal
 - Stand facing each upright
 - Tip the goal slowly backwards
 - While holding the uprights, move to the side to gradually lower the goal.
 - The wheels are set off the ground and will make contact when the goal is tilted about 45 degrees.
- The goal can be moved by holding the ends of the net support rail or lowering the goal further so the crossbar can be held.
- To stand the goal upright
 - Hold the net rail and raise it
 - As the goal tips upright, place one foot on the top of the board to act as a counterweight and raise till it is fully upright
- Avoid dragging or dropping the goal to prevent damage. This will void the warranty.

Maintenance:

All our Goals are designed to require a minimal level of maintenance. However, it is advisable to do:

- **Regular Inspections:** Check for any signs of wear or damage. Tighten bolts and replace nets or padding as needed.
- **Cleaning:** Clean the posts with a damp cloth to remove dirt. Avoid harsh chemicals that could damage the paint. If the poles have been scratched over the intended period of use, lightly scuff the area and apply 2 coats of white gloss paint (spray painted).
- **Weather Protection:** Consider using protective covers during extreme weather to extend the lifespan of the equipment.

Safety Guidelines

1. **Supervision:**
 - Supervise play, especially with younger players, to ensure safety.
 - Prevent players from hanging from the ring or climbing up the posts to prevent serious injury.
2. During visual inspection, if the bolts are loosened, the goal should not be used until they have been repaired.

Warranty Certificate:



When you purchase a Play Hard Sports Equipment product you have the peace of mind in knowing that your product is covered by Play Hard Sports Equipment's 5-year manufacturer's warranty against faulty workmanship and materials.

The warranty covers damage or failure of the product during normal intended use. The warranty does not include damage to the product resulting from accident, misuse, improper installation, operation, or unauthorised repair or alteration. Products manufactured for home use are not guaranteed for use in commercial applications.

If the product should become defective within the warranty period, please get in touch with Play Hard Sports Equipment customer service:

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