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****DO NOT ATTEMPT TO ROLL THE CART WITH THE****

****BOARDS ON IT DOWN ANY ZAMBONI RAMP****

****CARRY THE PANELS ONE BY ONE OVER TO THE OTHER RINK****



THE RILEY ALUMINUM RINK DIVIDER SYSTEM

Users Manual

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Users Manual

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1. GENERAL INFORMATION

Congratulations on your purchase of the Riley “R-Cross” Rink Divider System. This user’s manual will review everything that you will need to set-up, store, and maintain to ensure that the “R-Cross” system continues to provide players of all ages the most conducive and realistic game play.

1.1. System Overview

Depending on the width of the surface of your existing ice rink, the “R-Cross” rink Divider System will come in several different configurations. Standard widths are 85’ and 100’.

Each system includes:

- Mill finish aluminum frames.
- ¼” White High Density Polyethylene (HDPE) panels on both sides.
- ½” Cap Rail (Blue, Red, Black or Yellow)
- 9 x 3” deep x 40” high straight panels (*for 85’ width. Larger widths require additional straight panels*),
- 1 x straight panel with 36” wide player access gate.
- 4 x radius panels
- 2 x Rubber tarp straps to connect radius panels
- 1 x powder coated steel storage cart with caster wheels.
- ¼” Yellow or Gold HDPE Kick Plate (Optional)

1.2. Manufacturer Contact Information

Riley Manufacturing
460 Industrial Ave.
Woodstock, Ontario
N4S 7L1
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Fax: 519-539-5006
info@rileymfg.com
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1.3. Sales, Warranty & Return Information

WARRANTY:

The Riley "R-Cross" rink divider system manufactured by Riley Manufacturing is guaranteed against defective workmanship or materials for a period of 1 year, if used for the intended purpose and under normal conditions

SALES POLICY:

1. Prices are FOB Factory.
2. Taxes and Brokerage not included in prices.
3. Price subject to change without notice.
4. Only written orders for non-standard items accepted.

RETURN POLICY:

1. Goods may be returned ONLY with the express written consent of Riley Manufacturing and with a return number.
2. Custom orders are NON-RETURNABLE.
3. A 15% restocking fee applies to all returned merchandise, other than defective goods.





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2. SYSTEM SUMMARY

Each rink divider system is custom manufactured to meet the highest possible standards. It is designed to allow the user to assemble with the minimum of time and effort. Allowing quick set-up and disassembly. NO TOOLS REQUIRED.

2.1. Parts List (for standard 85' configuration)



8 x 95" Straight Panels with Male/Female slide connectors (Part A)



1 x 95" Straight Panel with 36" access gate, Male/Female slide connectors. (Part B)



1 x 45" Straight Panel with Female slide connectors. (Part C)



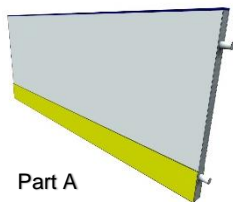
4 x 75" Radius Panels (Part D)



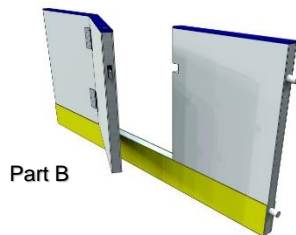
2 x 21" Rubber Tarp Strap (Part E)



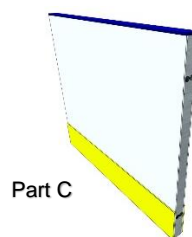
1 x Powder Coated Steel Storage Cart (96" x 42" x 48") (Part F)



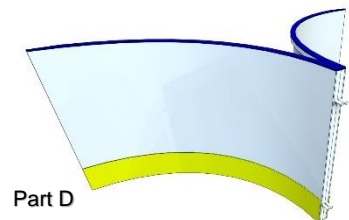
Part A



Part B



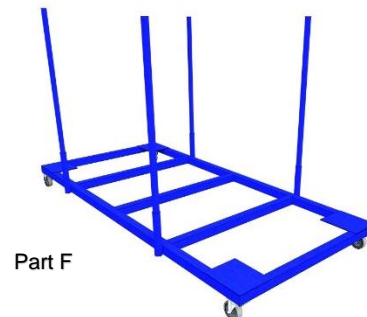
Part C



Part D



Part E



Part F

2.2. Assembly

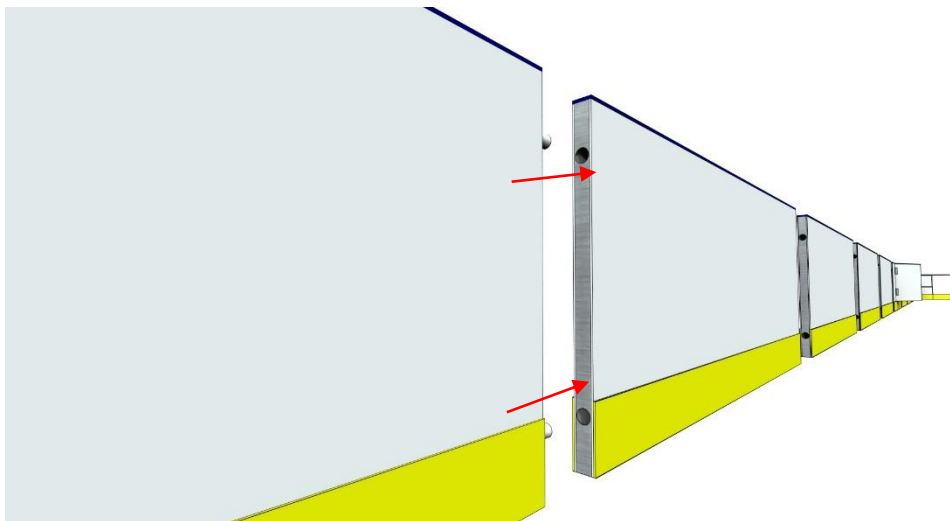
The “R-Cross” rink divider system is designed to be assembled with the minimum of effort and time possible. No tools are required for assembly. Built with a “plug and play” design, the only assembly required is to fit the slide connectors into each other.

Assembling the Straight Panels

*****Note there will be one 95” and one 45” straight panel that has 2 female connection points. (See figure B). These are to be place at either end for the radius panels.***

- Each 95” straight panel has a male connector on one end and a female connection point on the other end. Line up all straight panels so that each of these ends connect into each other.
- Slide male slide connector into female connection point.
- Line up and place the straight panel with the player access gate near the center point of the ice surface.

Figure A



Assembling the Radius Panels

***** Note – There are 4 separate radius panels. 2 for each end of the divider system.**

- Line up one radius panel (left or right) with the adjacent straight panel that has 2 female connection points (Figure B)
- Line up the next radius panel (left or right) with the adjacent straight panel that has 2 female connection points (Figure C)
- Connect the radius panels via the eyelid bolt, with provided rubber cable. (Figure D)

Figure B

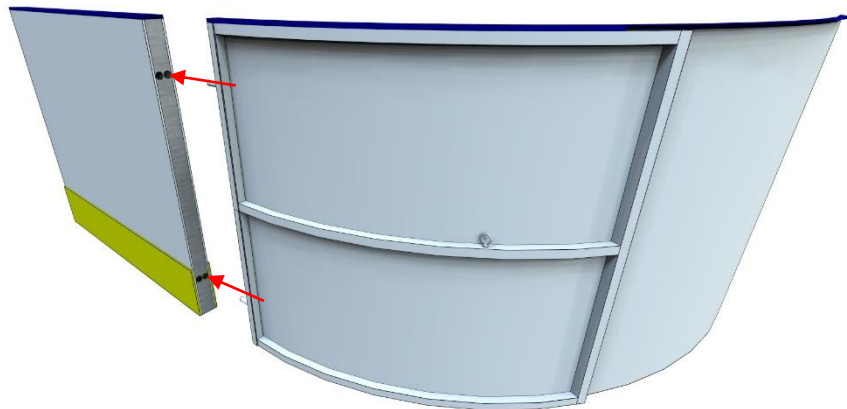


Figure C

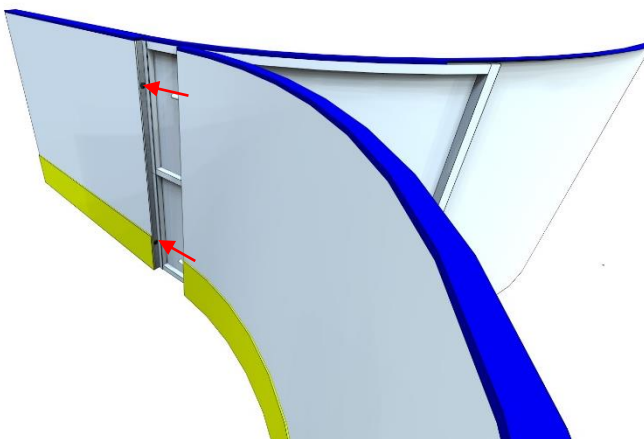
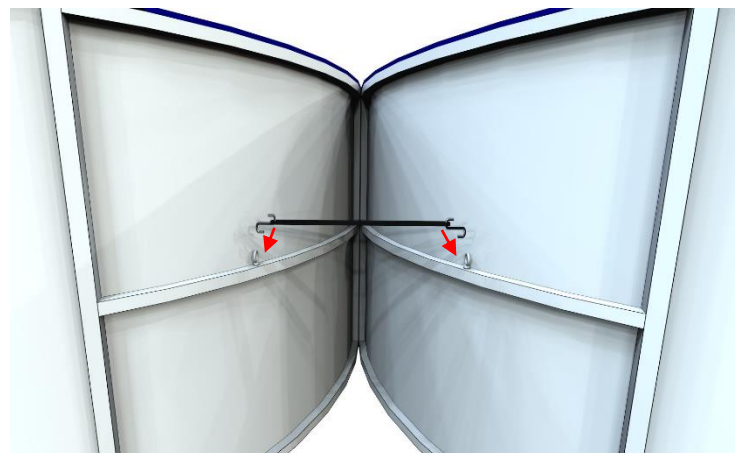


Figure D



3. USING THE “R-CROSS” SYSTEM

3.1. Set up

There are many different ways to set up your Rink Divider system. These all depend on what it is you are using them for.



Youth Hockey Initiation Programming?



Cross Ice Hockey or Half Ice Hockey?



3 on 3 Tournaments?

Before you set them up, you should have some discussions with the local hockey organization, the coaches, and the arena staff. *****Note - Depending on where the existing player's bench gates are located, may effect where you intend on placing the dividers*****

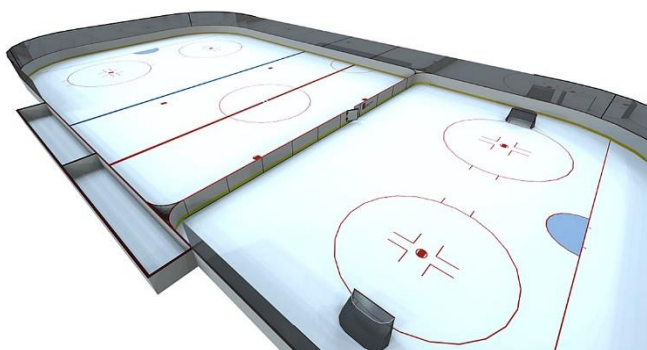
The Images below are examples of some of the most common set up types.



Cross Ice –For Ages 5-6 years Old
(2 Dividers for simultaneous gameplay)



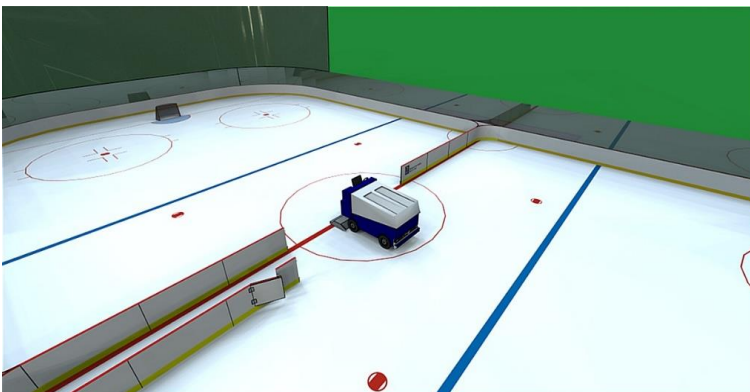
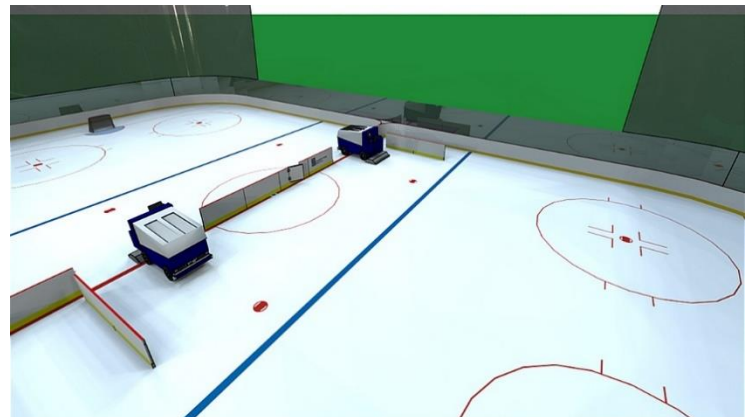
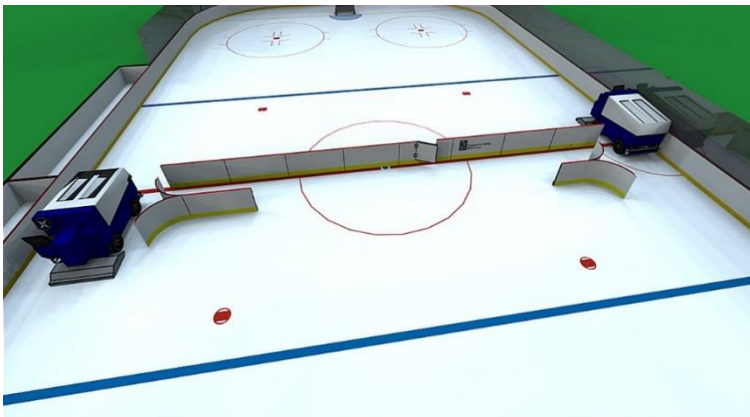
Half Ice – For Ages 7-8 Years Old
(Good for 3 on 3 – All ages)



2/3 - Cross Ice – For Multiple Uses.
(Game played on 1/3 – Practice on 2/3)

3.2. Ice Resurfacing while in Use.

No concern needed when it comes time for the ice resurfaced to clean the ice. Because of the easy assembly, it is very simple to maneuver the boards in order to accommodate the resurfacing machine. You will not need to take each section apart simply take out a few sections at a time, and slide them around on the ice with ease. See Below for example.



Best Practice:

Remove the radius with the adjoining straight panel first so that the ice resurfacer can clean the outside first. Then replace and begin removing the next straight sections in order

3.3. Storage

Every “R-Cross” Rink Divider System includes a powder coated steel storage cart with caster wheels. This cart is to ensure that when the divider system is not in use, it is able to be stored neatly in one 3.5’ x 8’ space. It also enables you to transport the entire system onto the ice surface for easy and quick load and unload. The images below show how to stack your divider cart in the best possible way.

*****Note – If you have selected the optional yellow kick plate, best practice is to alternate stacking the panels bottom to top to ensure the system is as flat as possible on the cart.*****

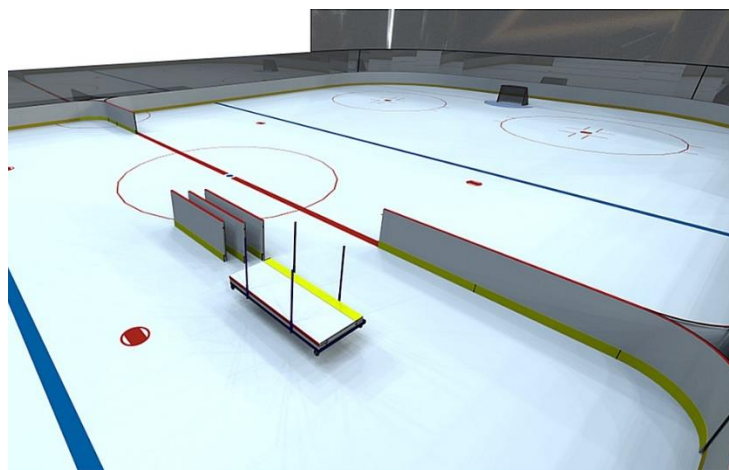
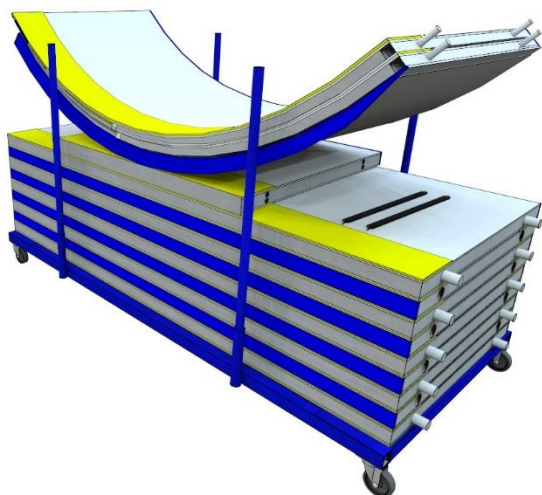
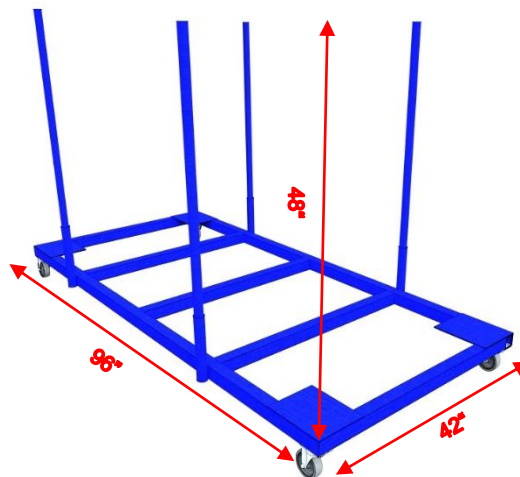
Cart Information

Length: 96”

Width: 42”

Height: 48” (Not including wheel height)

Weight: 165 Lbs.





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3.4. Maintenance

Similar to your existing dasher board system, it is important that the “R-Cross” Rink Divider System it’s checked periodically to ensure that it is in the best possible condition. Semi-routine inspections should be done throughout the season. Quick visual inspections are recommended each time set-up/tear down occurs.

<u>Divider Panels</u>	<u>Weekly</u>	<u>Monthly</u>	<u>Seasonal</u>
Visually inspect aluminum framing for deformation or cracks. Repair or replace as required		X	X
Check attachment of polyethylene facing, kick plate and cap rail to steel framing. Tighten/refasten as required.	X		X
Inspect eyebolts (radius panels) for looseness. Re-adjust and tighten as required.	X		X
Cleaning of polyethylene facing/kick plate.		X	X
Check Rubber Radius cord for wear and deterioration. Replace if necessary.	X		X

<u>Access Gate</u>	<u>Weekly</u>	<u>Monthly</u>	<u>Seasonal</u>
Inspect gate swing for proper clearance. Adjust as required.	X		X
Inspect any steel hardware for start of corrosion. Clean off rust and spray galvanize as required.		X	
Inspect gate latches for proper operation. Adjust as required.	X		
Lubricate gate hinges.		X	X
Inspect threshold covers for wear. Replace as required		X	X
Inspect threshold covers for proper attachment. Tighten/fasten as required.		X	X

<u>Storage Cart</u>	<u>Weekly</u>	<u>Monthly</u>	<u>Seasonal</u>
Inspect caster wheels for movement. Lube as required.	X		X
Inspect any steel frame for start of corrosion. Clean off rust and spray galvanize as required.		X	X



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3.5. Replacement Parts List

95" Straight Panel	Size	Amount Per Panel
White HDPE Facing	1/4" x 95" x 40"	2
Coloured HDPE Cap Rail	1/2" x 3"	1
Coloured HDPE Kick Plate (Option)	1/4" x 95" x 7 7/8"	2
White Facing Screws	1" Type F	78 (No Kick), 52 (w/ Kick)
Coloured Matched Cap Rail Screws	1" Type F	11
Coloured Matched Kick Plate Screws (Option)	1" Type F	52

45" Straight Panel	Size	Amount Per Panel
White HDPE Facing	1/4" x 45" x 40"	2
Coloured HDPE Cap Rail	1/2" x 3"	1
Coloured HDPE Kick Plate (Option)	1/4" x 45" x 7 7/8"	2
White Facing Screws	1" Type F	52 (No Kick), 32 (w/ Kick)
Coloured Matched Cap Rail Screws	1" Type F	5
Coloured Matched Kick Plate Screws (Option)	1" Type F	20

75" Radius Panel	Size	Amount Per Panel
White HDPE Facing	1/4" x 75" x 40"	1
Coloured HDPE Cap Rail	1/2" x 1 3/4"	1
Coloured HDPE Kick Plate (Option)	1/4" x 75" x 7 7/8"	1
White Facing Screws	1" Type F	34 (No Kick), 26 (w/ Kick)
Coloured Matched Cap Rail Screws	1" Type F	9
Coloured Matched Kick Plate Screws (Option)	1" Type F	16

95" Access Gate Panel	Size	Amount Per Panel
White HDPE Facing	1/4" x 95" x 40"	2
Coloured HDPE Cap Rail	1/2" x 3"	1
Coloured HDPE Kick Plate (Option)	1/4" x 75" x 7 7/8"	2
White Facing Screws	1" Type F	34 (No Kick), 108 (w/ Kick)
Coloured Matched Cap Rail Screws	1" Type F	9
Coloured Matched Kick Plate Screws (Option)	1" Type F	52
Access Gate Hinge	-	2
Push Button Release	-	1
Gate Latch Assembly	-	1

Storage Cart	Size	Amount Per Cart
Castor Wheels	5" x 2"	4

4. **Additional Options and Add-ons**

The Riley "R-Cross" Rink Divider System already has everything that you will need to have the most realistic and proper cross ice/half ice game around. Check out other additional features that will enhance the system even further and raise your game!

<p>Coloured Kick Plate</p> 	<p>Olympic Size Width (Or Custom widths)</p> 
<p>Multiple Access Gates</p> 	<p>Mini Goal Frames (Multiple Sizes Available)</p> 
<p>Stainless Steel Adjustable Goal Pins</p> 	<p>Foam Dividers for Practices</p> 

Thank you again for your purchase