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QUATTRO ACCESS RAMP AND TOP LANDING ASSEMBLY INSTRUCTIONS



Thank you for choosing a Select Staging Concepts 'Made In Australia' Stage Solution.



INSTRUCTIONS



IMPORTANT

PRIOR TO ASSEMBLY READ ALL INSTRUCTIONS

WE SUGGEST A MINIMUM OF 2 PEOPLE TO ASSEMBLE.

ENSURE THE ASSEMBLY AREA IS CLEAR AND SAFE TO WORK IN

1

COMPONENTS

RAMP

Klemm-fix Connectors, Klemm-fix Tool, Wood Blocks, Ramp Clamps x 2

LANDING & HAND RAILS

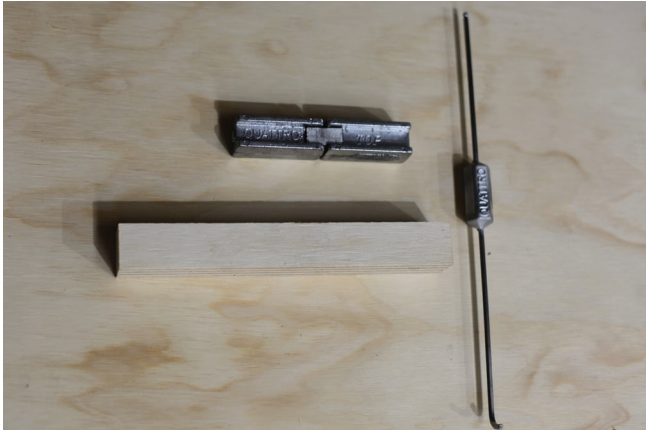
T-Bolts with Hand Wheels; Rail Clamps, Rail Joiners Straight and Corner

LEGS

1 x Set of Ramp Legs; 2 x Ramp Landing Leg Sets

PODIUMS

With Corner Brackets and Wing Bolts



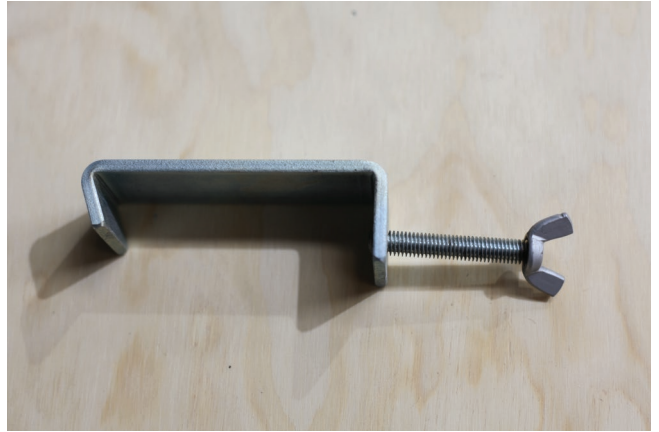
Klemm-fix Connector, Tool and Wood Block



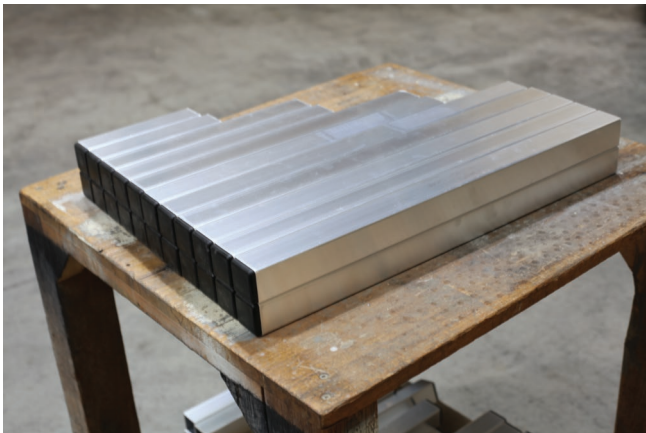
Podium with Corner Leg Bracket with Wing Bolt



Rail Clamp, T-Bolt with Hand Wheel, Rail Joiner Straight, Rail Joiner Corner



Ramp Clamp

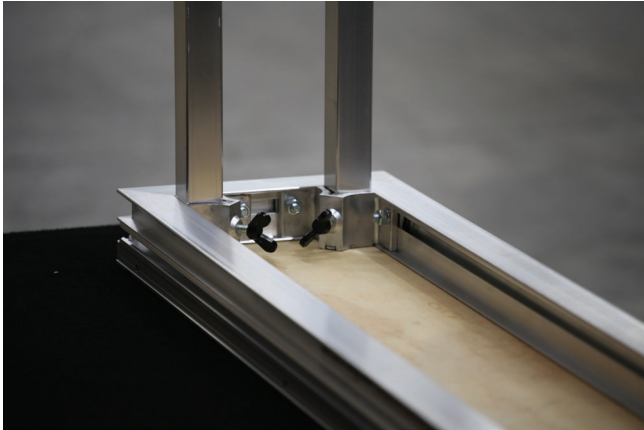


Set of Ramp Podium Legs, 2 x Sets Ramp Landing Legs

ASSEMBLY

2 ASSEMBLY

1. Assemble Ramp Landing first. Place exactly where it needs to abutt the existing Stage or Platform.
2. Assemble the two Ramp Landing Podiums – insert one Landing Leg into each Podium Corner Bracket and Hand Tighten the Wing Bolt.
3. Place the 300mm x 1.5m Landing Podium against the already Assembled Stage/Platform exactly in place.
4. Place the 1.8m x 1.2m Podium next to the 1.5m x 300mm Podium.
5. Insert a Wood Block midway along the 1.5m Podium side – Slide the two Podiums together so they are flush.
6. Using the Klemm-fix Tool, fully insert a Klemm-fix Connector in both ends of where the Podiums join and tighten.



Insert Stage Landing Legs into both Landing Podiums Corner Brackets



Once Podium Legs are correctly inserted, hand tighten Corner Bracket Bolts



Position the 1.2m x 300mm Podium against the Stage then place the 1.8m Landing Podium next to the 1.2m Podium



Insert Wood Block midway along the 1.5m Podium Extrusion - slide both Podiums together



Using Klemm-fix Tool insert the Klemm-fix Connector in either side of the 2 Podiums flush with Extrusion

3

JOINING/ATTACHING

Assemble All Ramp Podiums

1. Insert each Leg Set into the relevant Podium Corner Bracket – the Longer Legs go in the same end of the Podium – Hand Tighten the Wing Bolt on each Leg
2. Place the Podium with the longest Legs against the Top Landing – the longer legs closest to the Landing.
3. Then position all remaining Podiums on to the Ramp sequence with the Podium with no legs on the lowest point at the bottom end.
4. Add Wood Blocks between all Podiums – one Block per Ramp Podium join.

The Top Landing has two Wood Blocks – one Block placed at both outside edges of the Podium.

5. Prepare each Podium ready for the Hand Rails to be added.

Slide a T-Bolt into the Podium extrusion – one T-Bolt per outside edge of the long side of both sides of each Podium.

So, each of the following Podiums have the correct number of T-Bolts

Ramp Podiums have 4 x T-Bolts – 2 per side

Top Landing Corner has 3 x T-Bolts

Top Landing 300mm Podium 1 x T-Bolt on far side

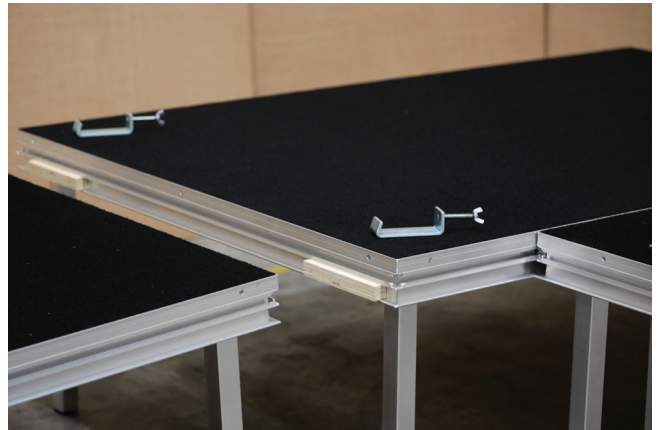
Top Landing 1.5m Podium side 1 x T-Bolt on far side

Top Landing 1.8m Podium side 2 x T-Bolt on far side

6. Attach the Top Ramp Podium to the Top Landing Podium – slide over the 2 x Wood Blocks
7. Attach the 2 x Ramp Clamps under the Top Ramp Podium and Top Landing Podium – secure the 2 edges together – hand tighten
8. Add a Klemm-fix Connector to each join between Ramp Podiums – one per Ramp side. Using the Klemm-fix Connector Tool insert each Klemm-fix Connector so the end is flush with the Podium extrusion.
 - **Do not add a Klemm-fix Connector to the Top Landing and Top Ramp Podium join – The Ramp Clamps are sufficient to hold them together**
9. Place the Ramp Starter at the bottom of the Ramp. The Ramp Starter Hooks are then hooked into the Ramp Podium Extrusion.



Insert all Ramp Legs and position the Podiums in sequence



Add Wood Blocks - Top Landing has 2 Wood Blocks to Join to Ramp



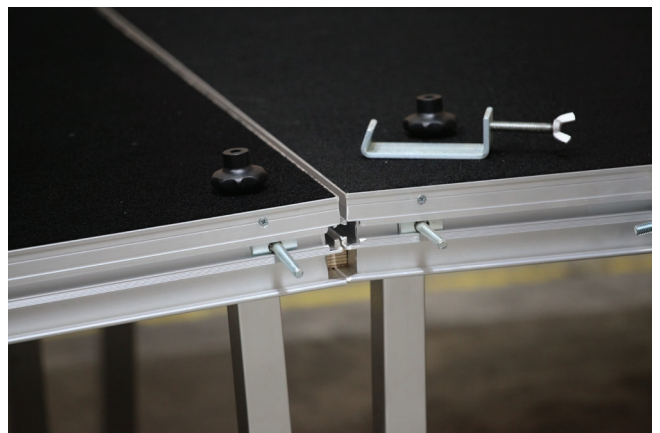
Slide the T-Bolts into the Podium Extrusion ready for the Hand Rails



Add 2 T-Bolts per Ramp Podium ready for the Hand Rails



Top Landing Corner has 3 T-Bolts



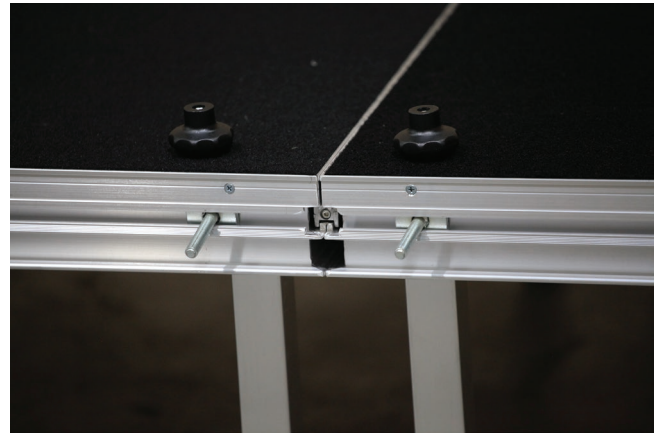
Slide the Ramp Podium and Landing Podium together

3

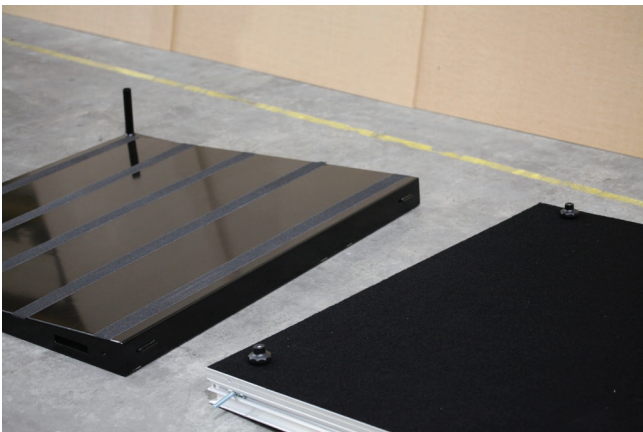
JOINING/ATTACHING (CONTINUED)



Attach the 2 Ramp Clamps under the Landing and Ramp Podiums - Clamp and Hand Tighten



Insert a Klemm-fix Connector flush with the Podium Extrusion on every Podium join - both sides of the Podium



Hook the Ramp Starter into the bottom Ramp Podium

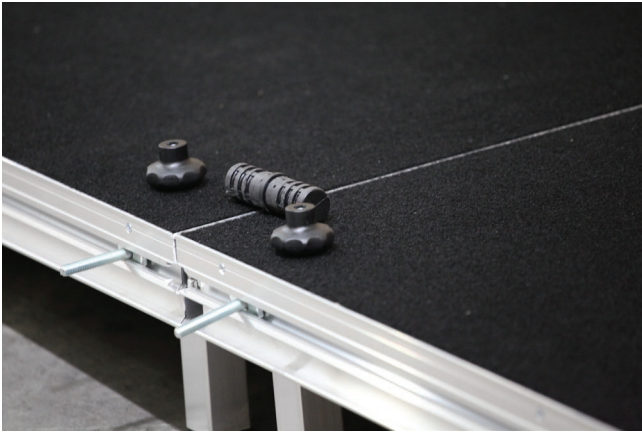
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HAND RAILS

1. Always start at the bottom of the Ramp on both sides and work up to the Landing when attaching the Hand Rails
2. All Hand Rails are attached with the bottom Kick Rail facing into the Ramp – so there is a smooth face with a small gap between rails
3. Position the P-Ended Hand Rails on the Ramp Starter upright attachments at the lower end.
4. Insert the M10 Bolt with Hand Wheel through the higher leg of the P-End Hand Rail into the Ramp Starter and hand tighten. Repeat for the opposing P End Hand Rail.
5. Place the next Ramp Hand Rail over the T-Bolts already in place in the Extrusion.
6. Slide a Hand Rail Joiner halfway into the P-End Hand Rail. Then slide the exposed half into the Ramp Hand Rail – push together until secure.
7. When the Hand Rail is in place correctly hand tighten the T-Bolt Hand Wheels.
8. Repeat this process with all Ramp Hand Rails on both sides of the Ramp.
9. Insert the Rail Joiner into the top of the Corner Rail to join into the Ramp Hand Rail – push to secure the 2 Rails together.
10. On the Top Landing start with the Corner Hand Rail. Slide the Hand Rail over the 3 T-Bolts and position into the Corner correctly – hand tighten with the Hand Wheels
11. Add the 1.8m Hand Rail to 1.8m side of the Top Landing – position over the T-Bolts. Insert the Rail Joiner between the Ramp Hand Rail and the Top Landing Hand Rail then when the Rail is correctly positioned hand tighten the T-Bolts with the Hand Wheels.
12. The last Hand Rail to be positioned is the Top Landing 1.5m Hand Rail. Insert the Corner Joiner into the 1.5m Hand Rail then slide the 1.5m Hand Rail over the T-Bolts and insert the Rail Joiner into the open 1.8m Rail end. Slide together to the correct corner angle. Once the 1.5m Rail is correctly positioned and joined to the 1.8m Hand Rail add the Hand Wheels to the T-Bolts and hand tighten.
13. Once all the Hand Rails are correctly positioned and attached to the Ramp and Landing add a Rail Clamp to each Rail join – position the clamp half way up the Rail and hand tighten.
14. The Access Ramp and Ramp Landing are now safely assembled and positioned against the Stage or platform ready for access.

4

HAND RAILS (CONTINUED)



All T-Bolts and Rail Joiners ready to attach the Hand Rails



Hand Rails are attached with Kick Plate facing into the Access Ramp. When correctly positioned tighten with the Hand Wheel



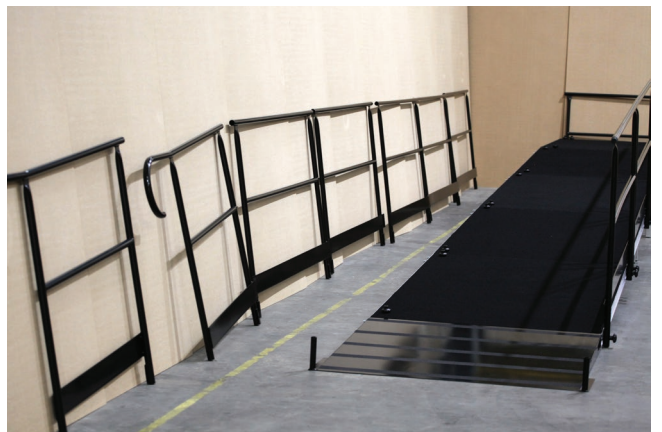
Start with the P End Hand Rail on the Ramp Starter



Secure the P End Hand Rail to the top of the Ramp Starter with the M10 Bolt and Hand Wheel



Slide a Hand Rail Joiner between 2 Hand Rails and push to secure



Repeat process on opposing Ramp side



On Top Landing start with Corner Hand Rail



Insert Rail Joiner into Corner Rail and Join to top Ramp Hand Rail



Last Hand Rails to be joined are the Top Landing 1.8m and 1.5m Hand Rail - use the Corner Joiner



Once all Hand Rails are secured and joined add a Rail Clamp to each adjoining Hand Rail and Hand Tighten



Access Ramp and Landing are now safely assembled

5 OPTIONS

Access Ramp Corner Landings are also available if required

The number of Ramp Podiums and Hand Rails required per Access Ramp installation will depend on the top height of the Stage or Platform the Ramp needs to access. The higher the Stage/Platform – the longer the Access Ramp needs to be to comply with the 1:14 ratio specified in Australian Standards AS1428.1

For Example:

Stage 200mm high – Access Ramp is 2.8m long plus Top Landing 1.8m x 1.5m

Stage 400mm high – Access Ramp is 5.6m long plus Top Landing 1.8m x 1.5m

Stage 600mm high – Access Ramp is 8.4m long plus Top Landing 1.8m x 1.5m



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IF YOU REQUIRE ADDITIONAL ASSISTANCE**