

INSTRUCTIONS – SAFETY, ASSEMBLY & OPERATION PORTABLE STAIRS

600MM WIDE ADJUSTASTAIRS



Users of **Safesmart Access AdjustaStairs** please read the following instructions carefully and do not use the stair until the instructions have been read and understood.

The **AdjustaStairs** is designed and manufactured to the requirements of and **AS/NZS 1576:1-2010 & 3-2015**.

Any operator expected to use or install the Stair should have received training in its safe use and have conducted a risk assessment prior to use.

There is further general information on safe working at heights in the following websites:

www.workcover.nsw.gov.au & www.dol.govt.nz/worksafe/



SafeSmart Australia
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AU PHONE 02 8844 4500
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PORTABLE STAIRS

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MAINTENANCE

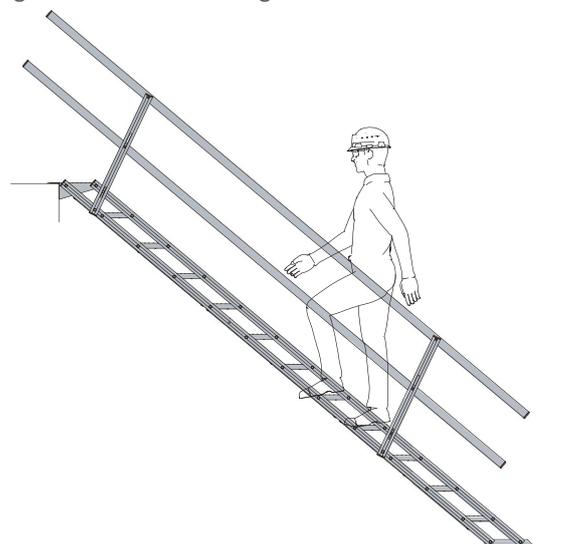
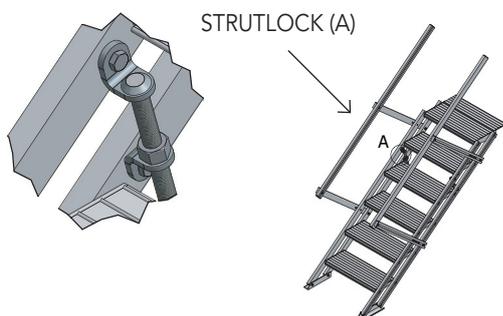
- The AdjustaStairs should be checked monthly for damage such as dents, stress cracks, weld cracking, buckling, missing components, damaged hardware and the like. Details of checks should be recorded in the company's plant maintenance records.
- If any of the above defects are discovered these should be immediately reported to the workshop manager/site supervisor for replacement or repair. Use of the Safety Stair should be discontinued until it has been cleared safe for use.
- Check that the step pivot bolts/nuts are secure before each use. Ensure there are at least 2 turns of bolt thread visible beyond the nylon nuts. Note; nuts must not be over-tightened as this will reduce the adjustability of the stair.
- Ensure each step is kept clean of rubbish and grease etc. Clean it regularly with a standard cleaning agent and water.

All replacement components used in AdjustaStairs must be supplied by Easy Access Company.

OPERATION

- Place the stair on the support surface with the top step facing the fixing location.
- Using two people each side of the stair, raise the top step end of the stair and place it on to the fixing location. Adjust the angle of the steps to ensure they are level and the notch in the top step fits firmly onto the support position. Note; the top step fixing area must be a rigid surface e.g. steel beam, concrete or timber (minimum 100 x 50mm). It must not be an earth or gravel edge.
- Remove the wing-nut from the hand tightened bolt in the upper stringer and remove the bolt.
- Slide the bolt into the slot in the handrail post and through the hole in the upper stringer. Ensure the head of the bolt fits into the groove in the handrail post extrusion.
- Slide the nylon washer over the bolt and reattach the wing-nut. Tighten the wing-nut at this time.
- The above steps are to be completed on each handrail post.
- The standard angle of slope range for a Safety stair is 30 - 45 degrees. The operator must face away from the stair when descending and maintain 3 points of contact when ascending and descending.
- The Safety stair can also be used at a 65 - 75 degree range, however, the operator must descend the stair facing it and maintain 4 points of contact during ascending and descending.
- Fix the top step onto the support rail using either timber coach screws (minimum M10 x 50mm), Bolts (minimum M10, 8.8) or concrete sleeve anchors (minimum M10 x 50mm). Note: The Safety stair requires a minimum of four fixings to the top support surface and two at the base.
- Fix the base angle brackets into the support surface using the same fastenings as the top step. Note; compacted gravel may be used as a base support surface. In this instance drive a minimum 300mm length of Rebar through the hole in the base angle brackets to secure them to the support surface.
- If Strutlocks are fitted to the stair; swivel these into the receiving brackets with locking nut above as shown. Adjust the nut to suit final stair height, locking the stair in correct position. Note: If a Safety stair is fitted with Strutlocks it requires a minimum of two fixings to the top support surface.

Your stair is now ready for use.



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SAFETY

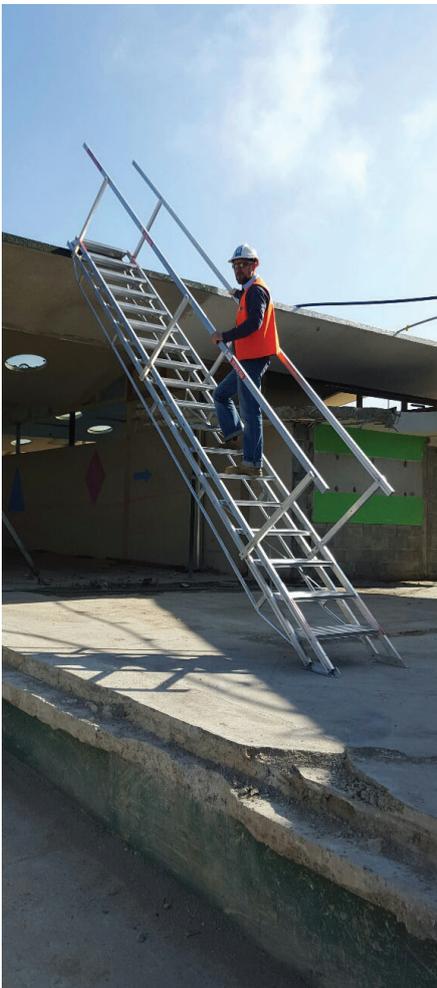
The manufacturer's recommended maximum safe working load limit is displayed on the AdjustaStairs and must not be exceeded at any time.

DO NOT USE THE ADJUSTASTAIRS:

- If the total load will exceed the manufacturer's SWL.
- If the user is affected by alcohol or drugs.
- If any conductors of an overhead electrical powerline are less than 4mtrs from the Safety Stair.
- If the Safety Stair has not been fixed securely to the support surface according to manufacturer's instructions both at the top and base.
- If the Safety Stair handrails are not in place with bolts securely tightened.
- If the Safety Stair has not been subjected to regular maintenance checks or is known to be defective.
- When the steps are greasy or slippery and poor footing results.
- If the Safety Stair has not been installed correctly and been signed off as fit for use by the site safety supervisor or person authorized to do so.
- If the angle of slope of the Safety stair is outside the ranges mentioned in the manufacturer's instructions.

STORAGE

AdjustaStairs may be stored outdoors.



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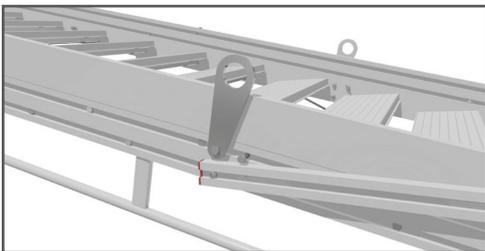
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ACCESSORIES

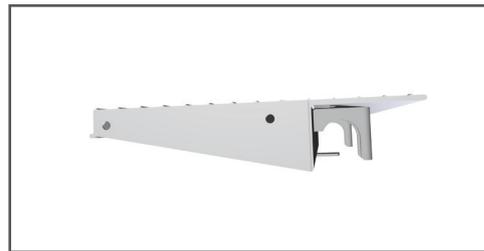
LIFTING LUGS

- Attach to any aluminum AdjustaStairs model.
- Enables the Adjustastair to be lifted by a crane or mechanical device by attaching certified strops/chains to Lifting lugs.
- Ensure the operator is competent in the use of the lifting device.
- 4x Lifting lugs spaced evenly, 2x each side of the stair enables a horizontal lift.



SCAFFOLD MOUNT HOOK

- Attaches to the top fixing plate of the AdjustaStairs and clamps stairs to a scaffold tubular ledger.
- Ensure top step is level and the clamps firmly tightened before using the Adjustastair.



600MM STEP ATTACHMENT*

- Attaches to the bottom of any 600mmW AdjustaStairs model to add an extra 600mm of height.
- Can also be used as an independent step or stair where space is limited.
- Ensure the brackets at the base of the Adjustastair are firmly bolted to the top of the Step extension using Grade 8.8 M10 bolts/nyloc nuts.



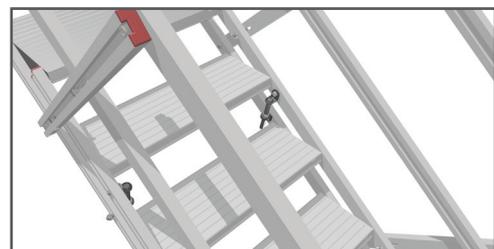
BEAM COUPLER

- Beam coupler can be used in conjunction with Scaffold mount hooks and enables the Adjustastair to attach to a fixed member.
- Coupler a section of 50 x 3mm tube to the mount hook so that it protrudes either side of the top step a minimum of 100mm.
- Attach the Beam coupler to the protruding ends of the tube and the supporting fixed member.
- Ensure the top step is level and all fittings are firmly tightened before using the Adjustastair.



STRUTLOCKS

- Designed to hold AdjustaStairs at a set angle when the fixing plate cannot be secured (e.g. when used for access to a truck tray).
- Perfect for when AdjustaStairs are used on a batter or slope.
- Come as standard with all aluminium models.



* 1200mmW Step Attachment option available

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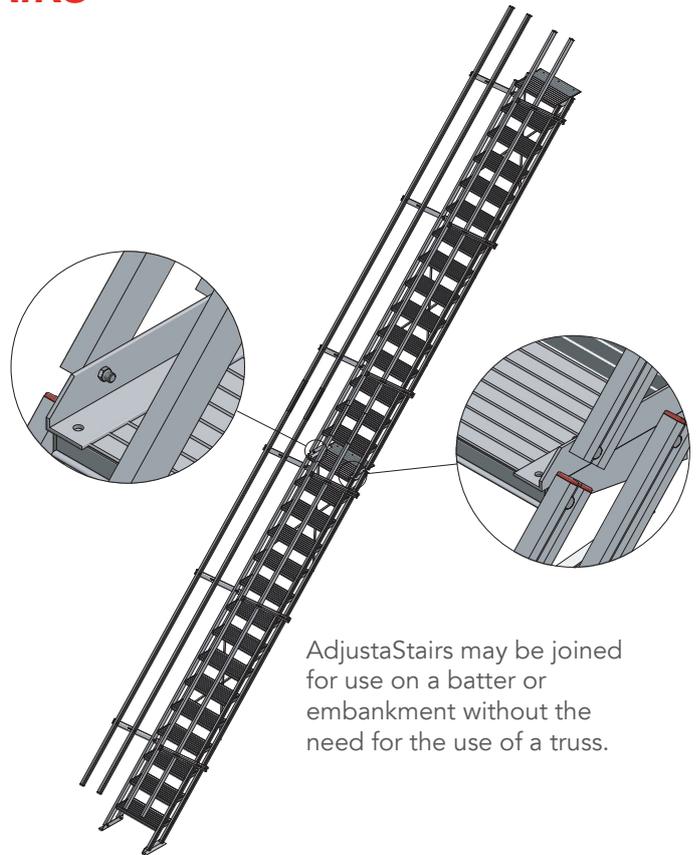
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ACCESSORIES

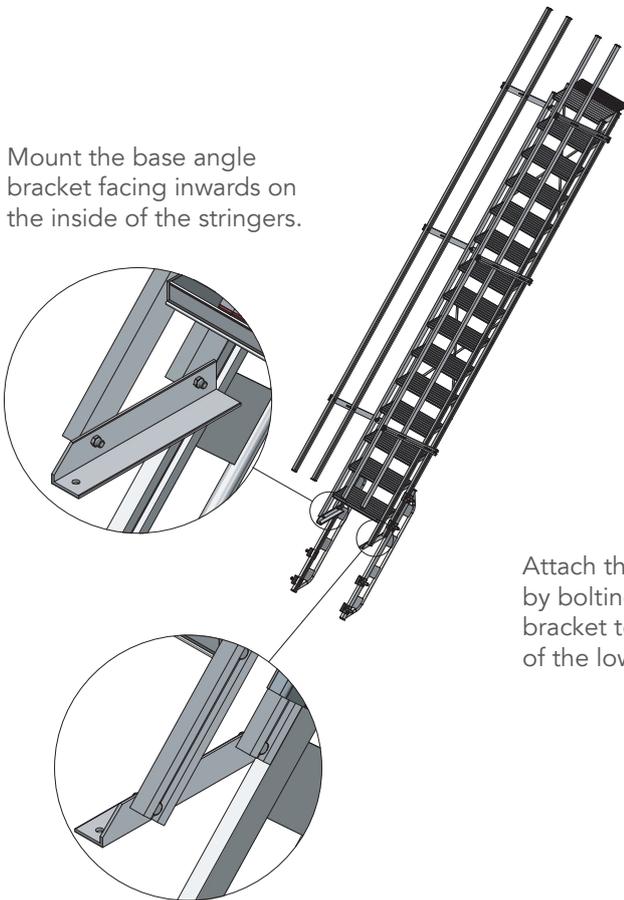
JOINING TRUSS

- The truss attaches under the bottom stringers allowing two stairs to be joined together end to end.
- Remove the base angle brackets on the upper stair and mount them facing inwards on the inside of the stringers.
- Attach the upper stair to the lower one by fitting M10 x 30mm bolts through the base brackets into corresponding holes in the top step of the lower stair. Tighten nyloc nuts firmly.
- Fit the 'C' shaped brackets over the bottom stair stringers spacing it evenly across the join between the stairs. Tighten the nyloc nuts firmly.
- Note; where the combination of two stairs equals a total length greater than 15 steps and the configuration is a clear span there must be a central support post fitted under the stair to ensure the SWL is maintained.

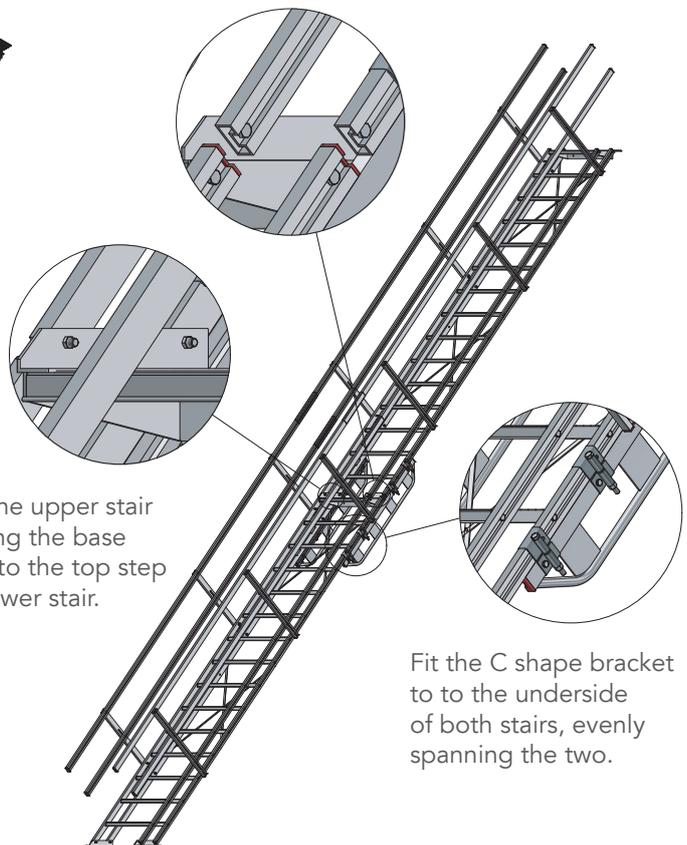


AdjustaStairs may be joined for use on a batter or embankment without the need for the use of a truss.

Mount the base angle bracket facing inwards on the inside of the stringers.



Attach the upper stair by bolting the base bracket to the top step of the lower stair.



Fit the C shape bracket to to the underside of both stairs, evenly spanning the two.

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MAINTENANCE SCHEDULE FOR ADJUSTASTAIRS STAIR SYSTEMS

- Maintenance checks must be carried out at least monthly by a competent person.
- If the Safety Stair Stringers or steps have sustained damage at any time the stair must be checked and the damage corrected prior to further use.
- It is suggested that an independent qualified person carry out an annual check on the stair.

Component	Issue	Control	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec
Weld check	Cracking	Remove and replace weld, completed by a competent person												
Guardrails and Stringers	In place	All guardrails must be in place and bolts secured to prevent movement when stair is emplaced. Ensure stringer bolts are sufficiently tightened (on 15-17 drill speed setting)												
Top Step/ Support Foot	In place	Ensure bolted in position firmly to support surfaces, and bolts connecting to stringers are secure. If top step has rubber/foam grip, ensure this is in good condition; if excessively aged or no longer firmly secured this should be replaced by a competent person												
Extrusion Stringers, Steps, Handrails	Damage	Any components that has been damaged must be replaced before reuse by a competent person												

YOUR ADJUSTASTAIRS STAIR IS NOW FULLY ASSEMBLED. PLEASE ENSURE THAT ALL USERS HAVE READ THE OPERATIONAL AND SAFETY INSTRUCTIONS LABEL ON THE ADJUSTASTAIRS PRIOR TO USING IT. THANK YOU FOR TAKING THE TIME TO READ THESE INSTRUCTIONS, AND FOR PURCHASING THE SSA ADJUSTASTAIRS.

The manufacturers or supplier will not accept liability for injury or damage resulting from product failure due to misuses, abuse, faulty installation and alteration, lack of reasonable care, lack of adequate training, use not listed under these Operational Safety Instructions or any other failure not related to defects in materials or manufacture.