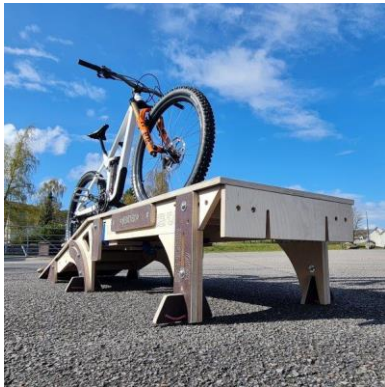




SENDER PROGRESSION RANGE

600 AND 1200 TABLETOP AND LEG SETS



FOOTWEAR: **RIDE CONCEPTS**™ VICE - BIKE: **CANYON** STRIVE



**PLEASE TAKE CARE OPENING YOUR PROGRESSION RAMPS WITH A KNIFE
THE OPTIONAL CARRY BAG MAY BE INSIDE ALONG WITH ASSEMBLY COMPONENTS.**

Thank you for buying a SENDER PROGRESSION RANGE TABLETOP. These Tabletops are part of our extensive, modular, compact and transportable system. Each part has been carefully considered for weight and strength. They are durable and built to last. Tabletops can be purchased with legs of a set Height 200 / 350 / 500 mm high. We also have ADJUSTABLE Tabletop Legs and Drop Off Components which allow you to fine tune the height of your session in conjunction with a Progression Ramp. Our NEW design allows you to use the Tabletop on our FIXED HEIGHT CLASSIC, CORE RANGE or our ADJUSTABLE HEIGHT PROGRESSION RANGE RAMPS.

MODULAR:

Our ramps integrate with other SENDER BOLT ON features. For advice on compatibility please contact us. Progression Tabletops can be used in conjunction with a landing ramp to create a Case Pad. You can use them to bridge and close the Gap between two ramps, join onto the Sender Descender Stair Set or Create a Drop Off. You can easily join one or more 600 / 1200 Tabletops together. We recommend at least 2400 Rolling distance (2 x 1200 Tabletops) before a drop off to allow adequate preparation time. If you are going from ramp to ramp using 1 x Tabletop you do not need any legs. Below is a guide to Leg Sets.

COMPATABILITY:

SINGLE TABLETOP MODE:

IN SINGLE MODE THE PROGRESSION TABLETOP WILL FIT BETWEEN ALL OF OUR RAMPS (CLASSIC / CORE / PROGRESSION) AT THE SAME / FIXED HEIGHT

- RAMP TO RAMP AT SAME HEIGHT - NO LEGS ARE NEEDED
- RAMP TO DROP OFF OR CASE PAD – 1 x LEG MATCHING RAMP HEIGHT IS REQUIRED

DOUBLE TABLETOP MODE:

IN DOUBLE MODE THE PROGRESSION TABLETOP WILL FIT BETWEEN ALL OF OUR RAMPS (CLASSIC / CORE / PROGRESSION) WITH THE LEG SETS THAT CORRESPOND TO THE RAMP HEIGHT

- RAMP TO RAMP AT SAME HEIGHT – 2 FIXED LEG SETS MATCHING RAMP HEIGHT PLUS 1 PAIR JOINING BLOCKS
- RAMP TO DROP OFF OR CASE PAD – 2 FIXED LEG SETS MATCHING RAMP HEIGHT PLUS 1 PAIR JOINING BLOCKS

FULL PROGRESSION MODE WITH ADJUSTABLE LEGS:

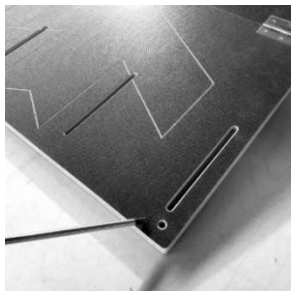
THE PROGRESSION TABLETOPS CAN BE USED WITH PROGRESSION RANGE RAMPS WITH THE ADJUSTABLE LEG AND DROP OF COMPONENTS AT ANY HEIGHT FROM 350 TO 600. THE ADJUSTABLE LEGS ALSO WORK WITH THE PROGRESSION TABLETOPS ON THE CLASSIC AND CORE RANGE BUT ONLY AT FIXED HEIGHTS.

TERRAIN ADJUSTMENT:

Sender features are best used on grass but can be used on tar or concrete. However, the severity of landing and risk factor will greatly increase on hard surfaces. There is a small amount of terrain adjustment in the legs to level your ramp.

SAFETY FEATURE:

The front edge of our ramps have 2 x PEG POINTS so you secure the ramp on grass or gravel. Normal Tent pegs will considerably increase stability and removed movement. These may help when using a Tabletop attached to the ramps.



SUITABLE FOR SKATEBOARDS and SCOOTERS

Progression ramps and Tabletops can be used with Skateboards and Scooters with the OPTIONAL Skate Plate installed. This Galvanised plate can be retro fitted. Once installed it can be adjusted and placed in transport / storage mode



TABLETOP MODEL WEIGHT:

- 600 TABLETOP NO LEGS INSTALLED – 9 kgs
- 1200 TABLETOP NO LEG INSTALLED – 18 Kgs

OPTIONAL COMPONENTS: TRANSPORT BAG



The Sender Progression Range have Optional Carry / Transportation Bags

SAFE OPERATION!

Once you are familiar with all the parts you can set up, fold and pack PROGRESSION TABLETOPS in 5 minutes. YOU MUST ALWAYS check the components are bolted tightly together to prevent the Tabletop from failing / folding or collapsing. Please lift your Tabletop into place with two people. Dragging the Ramp and Tabletops will damage components. Be very careful not to create situations where LEVERAGE between the Tabletop and Ramp (s) could damage the joining plates and surface.

The Ramps have an OPTIONAL and strong Vinyl Carry Bag which has webbing strap points on the front you can use for attaching clothing (you will need to add elastic or similar). Lift the bag using the central lifting loop or both handles to mount on your back. The load / weight on one strap alone may rip the stitching. We do not recommend children under 16 carry the bag on the back OR set up the Tabletop.

WARNING – These ramps have moving components that can cause a finger entrapment. Under 16's should be supervised when assembling, erecting or changing the mode of the ramp.

The Ramp has many MOVING PARTS which means finger entrapment is a significant risk. Always unfold / adjust / store with care. Once again under 16's should not set the ramp up. We advise packing, unpacking and transporting the ramp with two people to avoid manual handling injuries.

DESIGNED FOR:

- Riders, clubs and coaches on all types of bikes - Heavy use including E Bikes.
- Safe Working Load is 150 Kgs – Dynamically Tested to over 350 Kgs
- Bolt Torque setting is 12 Nm

SAFE USE AND PPE:

Always wear a full face helmet, gloves and knee pads when jumping. We also recommend back protection and a neck brace. You should not jump ramp to ramp with a gap between components. Progression Ramps can be landed to FLAT. However, it is better to use a grass downslope as the height increases or a landing ramp. Ensure adequate fall space all around with no surrounding impact surfaces like fences, trees, vehicles or roads. Keep spectators clear. Locate your ramp on flat even ground. Take your time and follow all the user instructions carefully for max strength. Built confidence before trying higher jumps. We recommend hiring / consulting a coach to improve skills. When jumping goes wrong it can lead to life changing injuries and destroy expensive bikes.

SENDER BUILT TO LAST:

Designed and Manufactured in the Highlands of Scotland from 18 mm (13 layer) Birch Plywood and 18 mm (13 layer) Phenolic Grip (mesh) coated Plywood secured with Stainless Steel Components. Look after your ramp and it will last a life time. We recommend storing the ramp inside after use and carefully drying the ramp if it is used outside in the damp or rain. **Spare parts are available for purchase on request.** The Plywood has been Independently Impact tested and Insert Pull Tested. Do not drag or pull the ramp around. It should be LIFTED into place to prevent premature deterioration.

MAINTENANCE:

When you assemble your ramp please use silicone spray to protect and lubricate the bolts. Follow the safety instructions on the bottle / can for safe use.



Torque Wrench (recommended) – Spray your bolts during assembly process and as often as possible for better function

Moving parts such as Nuts and Bolts should be silicone sprayed frequently. All cut edges and natural plywood faces should be treated with LOW VOC (Water Based) Decking protector Natural Colour. Repeat annually. Under no circumstances use Varnish!! Check for damage before and after each use and retire the Tabletop if you find any damage until you seek further advice from support@sender-ramps.com. [Additional notes at the end of this guidebook.](#)

INSTALLATION EQUIPMENT REQUIRED:

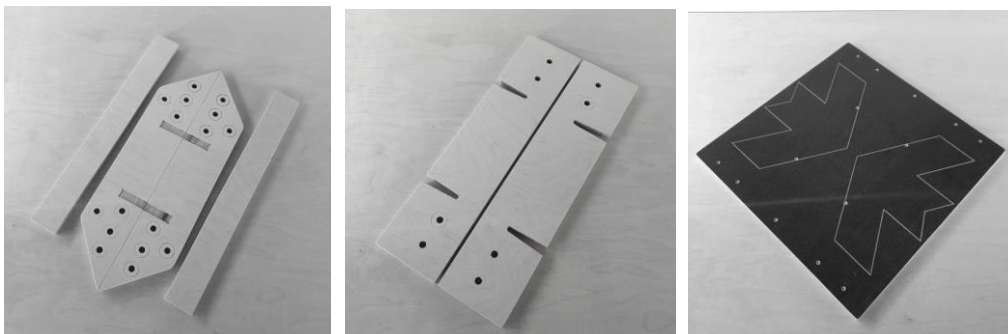
- 1 x 6 mm HEX KEY (Found ON Your Bike Maintenance TOOL!) – SUPER Fast with an Impact Gun with 6 mm Attachment.
- OR A "T" HANDLE 6 mm HEX / ALLEN KEY is useful piece of equipment for tightening bolts
- OR A Torque Wrench will ensure that ALL bolts are set at the max tension of 12 Nm

Your Tabletop may come unassembled or assembled. Please reads the section appropriate to your purchase.

PROGRESSION 600 and 1200 WIDE TABLETOP ASSEMBLY

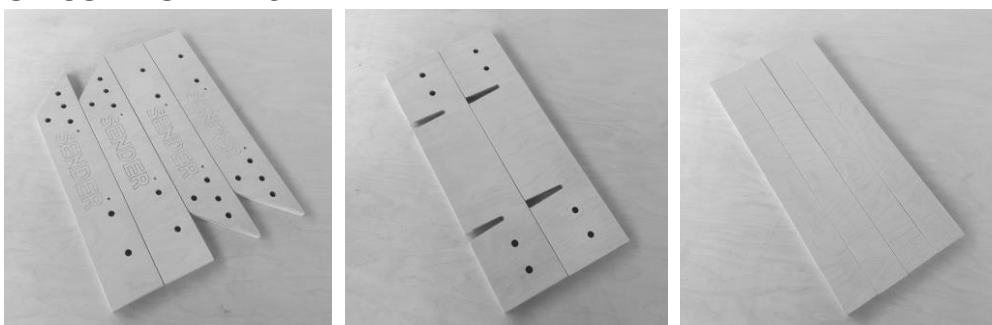
REFRESH KIT: A Refresh KIT will be available in our shop for components in contact with the ground subject to the most wear and tear.

600 TABLETOP COMPONENTS:

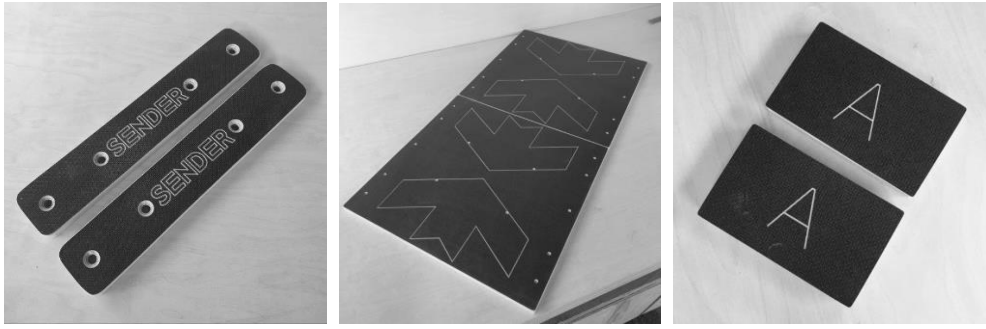


SIDES AND CROSS BATONS – END PLATES - SURFACE

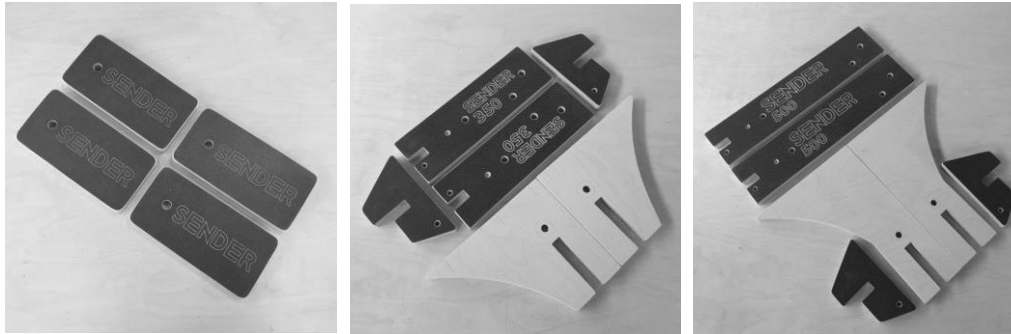
1200 TABLETOP COMPONENTS:



SIDE PANELS – END PLATES – CROSS BATONS



JOINING PLATES – SURFACES – ASSEMBLY “A” SPACER BLOCKS



200 LEG SET – 350 LEG SET – 500 LEG SET



ADJUSTABLE LEG SETS – ADJUSTABLE DROP OFF COMPONENTS

VERY IMPORTANT:

STAINLESS STEEL IS SOFT. It is VERY easy to round the heads of screws. Apply CONSTANT PRESSURE when fixing components. Take your time to complete the ASSEMBLY process. Poor Assembly WILL lead to a weak and poorly functioning product!

ASSEMBLY TOOLS:

- 1 x Drill Driver
- 1 x Impact Drill Driver
- 1 x Pozi 2 Hand Screw Driver
- 1 x 4 mm Drill Bit
- 1 x Pozi 2 Driver Bit
- 1 x TX25 Driver Bit
- 2 x 600 mm Long Quick Wood Clamps
- 1 x 6 mm Hex Key

Wear appropriate PPE when assembling your product – Eyewear / Gloves / Footwear. Protect your work space to avoid damaging your property.

600 TABLETOP FIXINGS:

- 18 x TX25 Screws
- 20 x T Nuts
- 40 x T Nut Screws
- 4 x Hinges
- 24 x Hinge Screws

1200 TABLETOP FIXINGS:

- 36 x TX25
- 28 x T Nuts
- 56 x T Nuts Screws
- 8 x M10 x 35 Countersink
- 4 x Hinges
- 24 x Hinge Screws

ASSEMBLING YOUR 600 TABLETOP

STAGE 1: Time to assemble approximately 1 – 1.5 Hrs

Select all the components with 13 mm holes through the plywood. Lie them on a flat surface so you can see ALL of the CIRCLE / ROUND Markers around the holes. Place the T nuts into **ALL CIRCLED** Holes ONLY!

Place the Small Screws into the holes in the T Nuts and fix them to the Plywood. The Screws **MUST** be placed **VERTICALLY**!

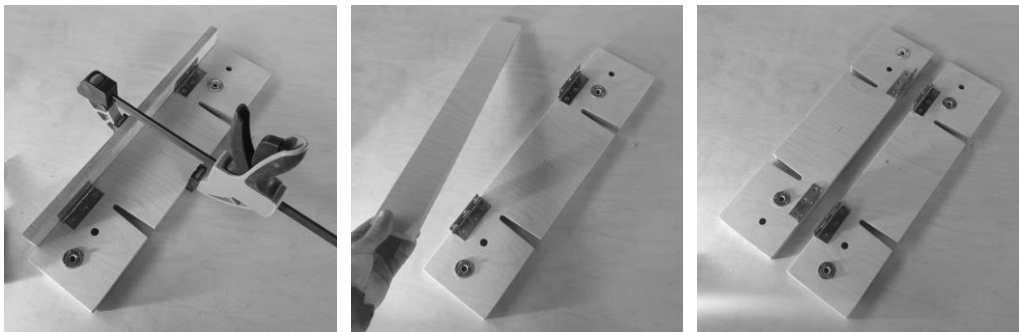


STAGE 2:

Take **BOTH** the END Plates and 1 x Cross Baton. Find a completely flat surface and clamp the Baton to the End of the 1 x END Plate as shown below. This will create a **RIGID** Angle to help screw the **HINGES** to the **END PLATE ONLY**. Place the Hinges inside the Marker Lines on the END Plate. Make sure that the hinge is 90 degrees and tight into the corner formed by the back plate and baton.



Start in the middle hole and place the screws 1 mm **OFF** centre **TOWARDS** the Outside Long Edge of the Hinge. Fill the remaining holes by placing the screw in the centre of holes and repeat the process on the 2nd Hinge. **REMEMBER – DO NOT SCREW THE HINGE TO THE BATON** 😊. Remove the Clamp and the Baton. Repeat the process to install the two remaining hinges into the other END Plate. Place these components to the side.



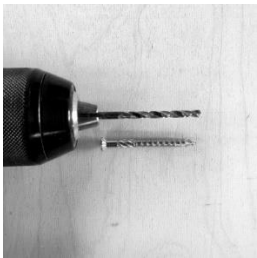
STAGE 3:

Take the 2 x Side Panels and 2 x Cross Batons. Place the Cross Batons in the Vertical Pockets inside the Panels.



WARNING! YOU MUST DRILL EACH HOLE BEFORE FIXING COMPONENTS WITH A SCREW. FAILING TO DO THIS WILL SPLIT THE PLYWOOD. WE BUILD HUNDREDS OF RAMPS AND NEVER HAVE SPLIT COMPONENTS! DO NOT SKIP THIS PROCESS.

Place the 4 mm Drill Bit beside a TX25 Screw and ensure that the drill bit will make a hole the same length as the screw. Use a Quick Clamp to hold the structure together. You may need to PULL the structure to the edge of the table to drill a straight hole where the marker is close to the table surface. It is important that you follow the sequence described.

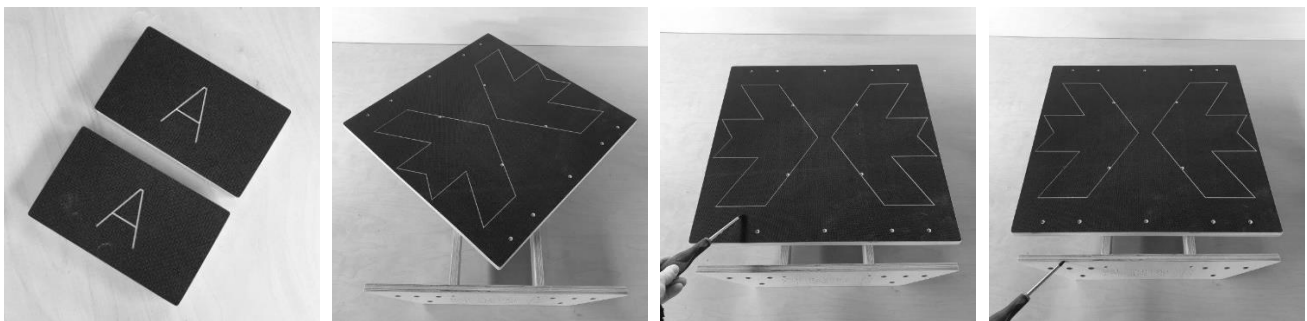


Drill through the 4 marker points in the side panel into the end of the Batons and fix the components together with TX25 5 x 50 Screws.



STAGE 4:

Take the 600 Tabletop surface and place this onto the substructure you have created. Make sure the arrows on the surface are parallel with the sides of the substructure as shown below.

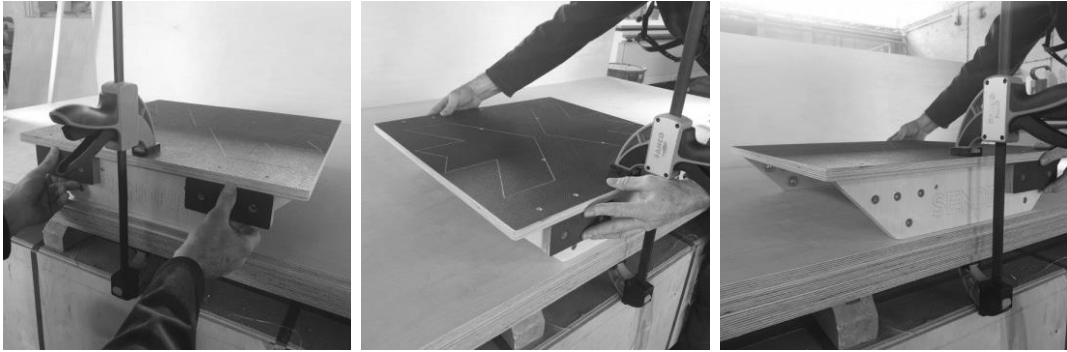


USE THE "A" SPACER BLOCKS SUPPLIED TO HELP ALIGN THE SIDES AND SURFACES. FAILURE TO COMPLETE THIS PROCESS ACCURATELY MAY PREVENT THE TABLETOP FROM FUNCTIONING PROPERLY AND MISALIGN THE SURFACES IF BOLTED TOGETHER!

Start on one SIDE with the surface on top of the substructure. Pull the structure to the edge of the work table so you can lightly clamp the parts together. You must be able to easily manipulate the parts. **Use the "A" Assembly Blocks to align the surface and substructure!** Place the "A" blocks underneath the surface and flush against the side of the substructure.

IT IS VERY IMPORTANT THAT YOU TAKE YOUR TIME AND BE PATIENT WHILE YOU ALIGN THE SURFACE AND SUBSTRUCTURE

BALANCE and EQUALISE the components by feel and sight so that the surface is sitting EQUALLY above Substructure. It is normal that the substructure is 0.5 to 1 mm inset from the Surface when using the blocks as a guide. You will need to MAKE MICRO ADJUSTMENTS by continually checking all SIDES AND ANGLED ENDS. You may find it easier to secure the surface to the substructure using 2 x Clamps.



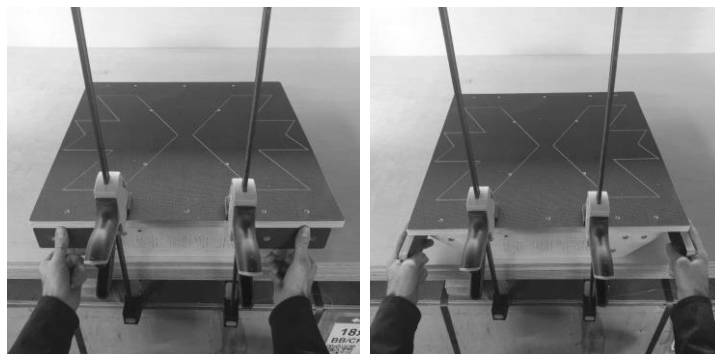
IT IS IMPORTANT THAT THE ANGLED ENDS ARE ALSO BALANCED AS SHOWN BELOW OR THE END PLATES WILL NOT FIT PROPERLY! THE ANGLED END MUST BE INSET BY 18 mm AT EACH END.



ONCE YOU ARE CERTAIN THAT THE ENDS **AND** ONE SIDE ARE CORRECTLY ALIGNED TIGHTEN THE CLAMP AND DRILL THROUGH THE SURFACE AT THE MARKER POINTS SHOWN. FIX THE SURFACE TO THE SUBSTRUCTURE WITH 2 x TX 25 SCREWS.



Turn the Structure around and repeat the process above to check and align the surface and the side panels. Check again to make sure that the angled ends are located / inset by 18 mm at each end to allow the 18 mm Back Plate to be fixed to the end of the surface.



Drill through the surface at either end as shown below and secure with 2 x TX25 Screws.



There are 10 additional screw / fixing points in the surface of the Tabletop to Drill and then fix with TX25 Screws

STAGE 5:

Using two clamps secure one of the END Plates vertically (WITH HINGES ALREADY ATTACHED) to one end of the 600 Tabletop. USE BLOCK "A" to check that the END Plate is PERPENDICULAR to the rear face of the Tabletop Surface. It will be easier to clamp the Tabletop and End Plate if you are the edge of a Table / Work Bench. When looking along the back face of the End Plate there should be NO gap between BLOCK A and the End Plate. You may need to adjust the location of the clamps on the top edge of End Plate and under the table to find the most "SQUARE" position.



WHEN CLAMPED TO THE WORK BENCH / TABLE – A GAP AT THE TOP OR BOTTOM OF BLOCK "A" MEANS THE PLATE IS NOT PERPENDICULAR



ZERO GAP TOP AND BOTTOM MEANS THE PLATE IS PERPENDICULAR / SQUARE

Use the BLOCK to make sure that the End Plate does not extend beyond the line of the Side Panel on both sides.



The outside face of the End Plate should also be flush with the end of the Tabletop. Once all components are aligned, secure the End Plate to the Tabletop with the remaining Hinge Screws. The screws should be placed in the CENTRE of the Hinge Holes. The End plate should remain flush with the end of the Tabletop.



Check all screw points have been used and the screws are flush for full strength. Your 600 Wide Tabletop is ready to mount to your ramp OR join together as a pair using a Joining Block. You can also attach Legs if you wish to detach one of your ramps or create a longer Tabletop. DO NOT connect more than 2 x 600 Tabletops without Legs!

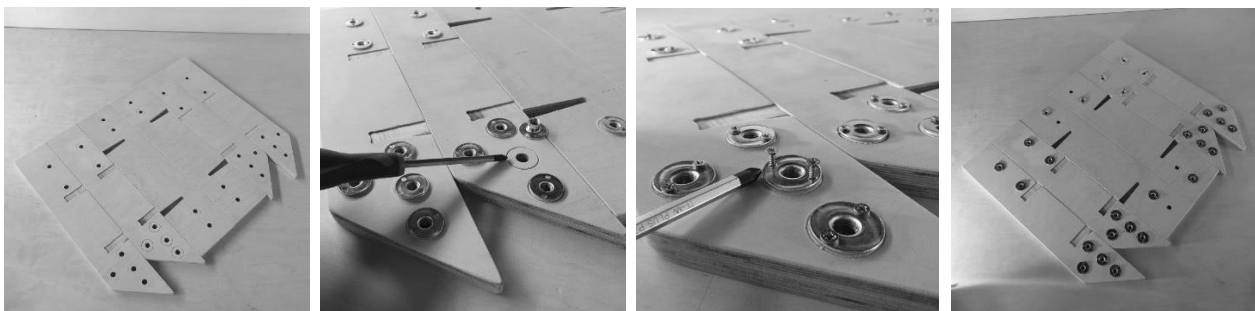


ASSEMBLING YOUR 1200 TABLETOP

STAGE 1: Time to assemble approximately 1 – 1.5 Hrs

Select all the components with 13 mm holes through the plywood. Lie them on a flat surface so you can see ALL of the CIRCLE / ROUND Markers around the holes. Place the T nuts into **ALL CIRCLED** Holes ONLY!

Place the Small Screws into the holes in the T Nuts and fix them to the Plywood. The Screws **MUST** be placed VERTICALLY!

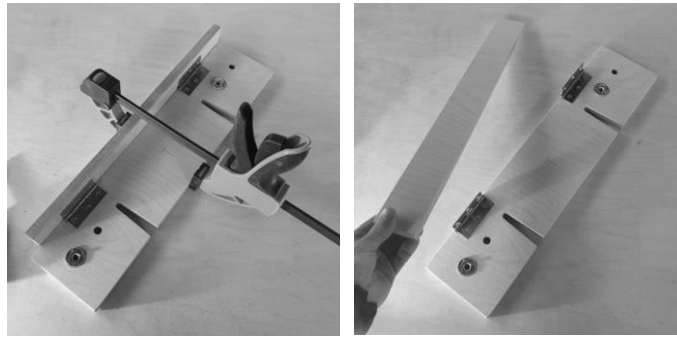


STAGE 2:

Take BOTH the END Plates and 1 x Cross Baton. Find a completely flat surface and clamp the Baton to the End of the 1 x END Plate as shown below. This will create a RIGID Angle to help screw the HINGES to the END PLATE ONLY. Place the Hinges inside the Marker Lines on the END Plate. Make sure that the hinge is 90 degrees and tight into the corner formed by the back plate and baton.

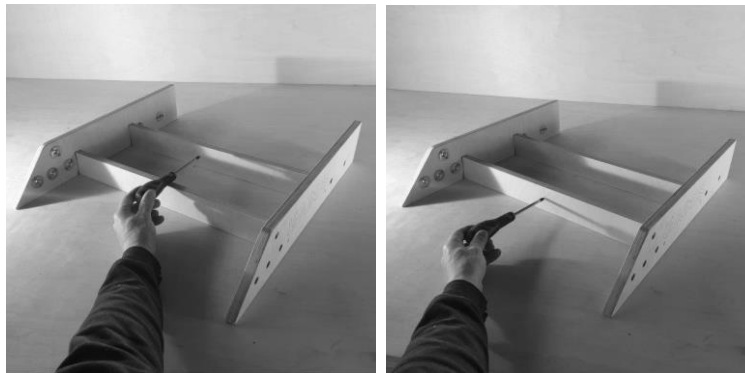


Start in the middle hole and place the screws 1 mm OFF centre TOWARDS the Outside Long Edge of the Hinge. Fill the remaining holes by placing the screw in the centre of holes and repeat the process on the 2nd Hinge. REMEMBER – DO NOT SCREW THE HINGE TO THE BATON ☺. Remove the Clamp and the Baton. Repeat the process to install the two remaining hinges into the other END Plate. Place these components to the side.



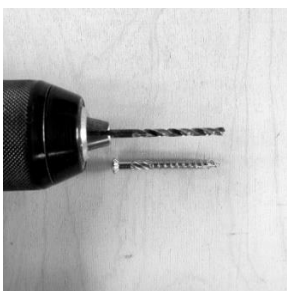
STAGE 3:

Take the 2 x Side Panels and 2 x Cross Batons. Place the Cross Batons in the Vertical Pockets inside the Panels.



WARNING! YOU MUST DRILL EACH HOLE BEFORE FIXING COMPONENTS WITH A SCREW. FAILING TO DO THIS WILL SPLIT THE PLYWOOD. WE BUILD HUNDREDS OF RAMPS AND NEVER HAVE SPLIT COMPONENTS! DO NOT SKIP THIS PROCESS.

Place the 4 mm Drill Bit beside a TX25 Screw and ensure that the drill bit will make a hole the same length as the screw. Use a Quick Clamp to hold the structure together. You may need to PULL the structure to the edge of the table to drill a straight hole where the marker is close to the table surface. It is important that you follow the sequence described.

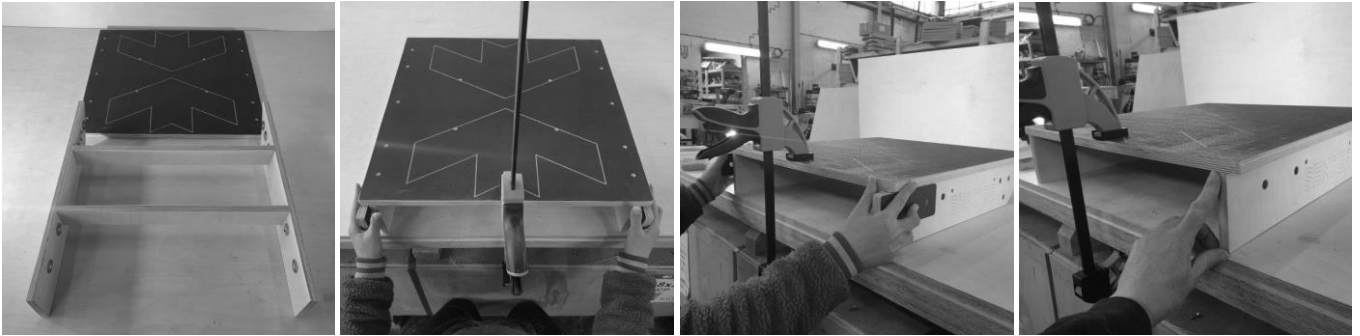


Drill through the 4 marker points in the side panel into the end of the Batons and fix the components together with TX25 5 x 50 Screws.



STAGE 4:

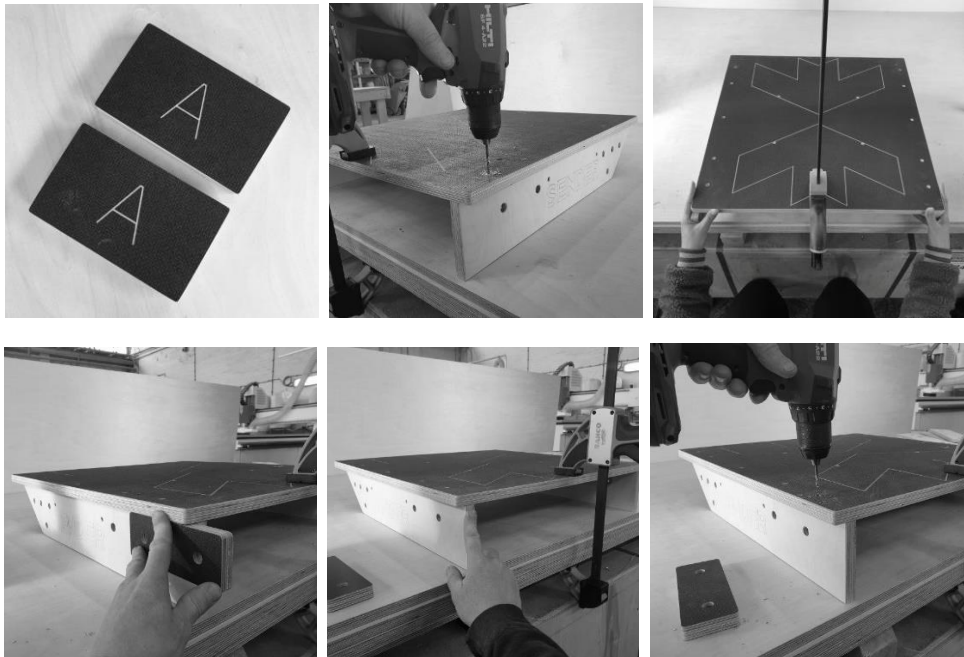
Take the 1200 Tabletop Surface and place this onto the Substructure you have created. Make sure the arrows on the Surface are parallel with the sides of the substructure as shown below. **YOU MUST START AT THE VERTICAL END OF THE SUBSTRUCTURE BECAUSE THESE CONNECT WITH THE OTHER PART OF THE TABLE.**



USE THE "A" SPACER BLOCKS SUPPLIED TO HELP ALIGN THE SIDES AND SURFACES. FAILURE TO COMPLETE THIS PROCESS ACCURATELY MAY PREVENT THE TABLETOP FROM FUNCTIONING PROPERLY AND MISSALIGN THE SURFACES IF BOLTED TOGETHER!

Pull the structure to the edge of the work table so you can clamp the parts together. You must be able to easily manipulate the parts. **Use the "A" Assembly Blocks to align the surface and substructure!** Place the "A" blocks underneath the surface and flush against the side of the substructure. You may find it easier to secure the surface to the substructure using 2 x Clamps

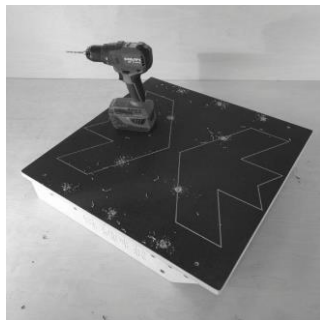
BALANCE and EQUALISE the components by feel and sight so that the surface is sitting **EQUALLY** above Substructure. It is normal that the substructure is 0.5 to 1 mm inset from the Surface when using the blocks as a guide. You will need to **MAKE MICRO ADJUSTMENTS** by continually checking all **SIDES AND ENDS**. Make sure the Surface is **FLUSH** with the Vertical ends.



Tighten the clamp to hold the parts while you drill through the surface at the marker points into either side. Fix the surface to the substructure with 2 x TX25 Screws

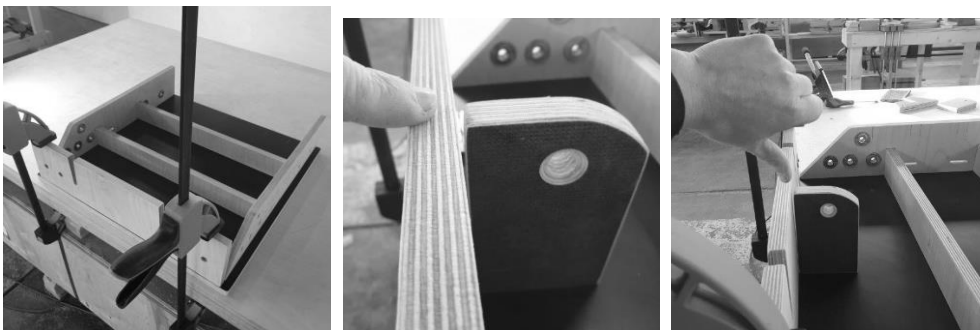


Turn the Structure around and repeat the process above to check and align the surface and the opposite side panels. There are 10 additional screw / fixing points in the surface of the Tabletop to Drill and the fix with TX25 Screws



STAGE 5:

Using two clamps secure one of the END Plates Vertically (WITH HINGES ALREADY ATTACHED) to one end of the 1200 Tabletop. USE BLOCK "A" to check that the END Plate is PERPENDICULAR to the rear face of the Tabletop Surface. It will be easier to clamp the Tabletop and End Plate if you are the edge of a Table / Work Bench. When looking along the back face of the End Plate there should be NO gap between BLOCK A and the End Plate. You may need to adjust the location of the clamps on the top edge of End Plate and under the table to find the most "SQUARE" position.



WHEN CLAMPED TO THE WORK BENCH – A GAP AT THE TOP OR BOTTOM OF BLOCK "A" MEANS THE PLATE IS NOT PERPENDICULAR

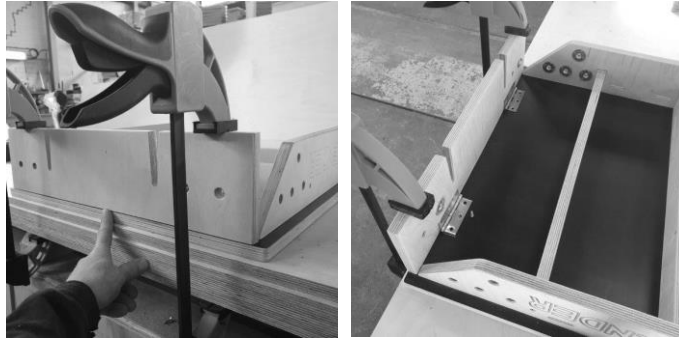


ZERO GAP TOP AND BOTTOM MEANS THE PLATE IS PERPENDICULAR / SQUARE

Use the BLOCK to make sure that the End Plate does not extend beyond the line of the Side Panel on both sides.



The outside face of the End Plate should also be flush with the end of the Tabletop. Once all components are aligned, secure the End Plate to the Tabletop with the remaining Hinge Screws. The screws should be placed in the CENTRE of the Hinge Holes. The End plate should remain flush with the end of the Tabletop once all screws are in position.



REPEAT THE PROCESS ABOVE TO COMPLETE THE SECOND PART OF YOUR 1200 TABLETOP. CHECK THE SMOOTH FUNCTION OF THE END PLATES. THEY SHOULD FOLD EASILY AND RETURN TO A VERTICAL POSITION.

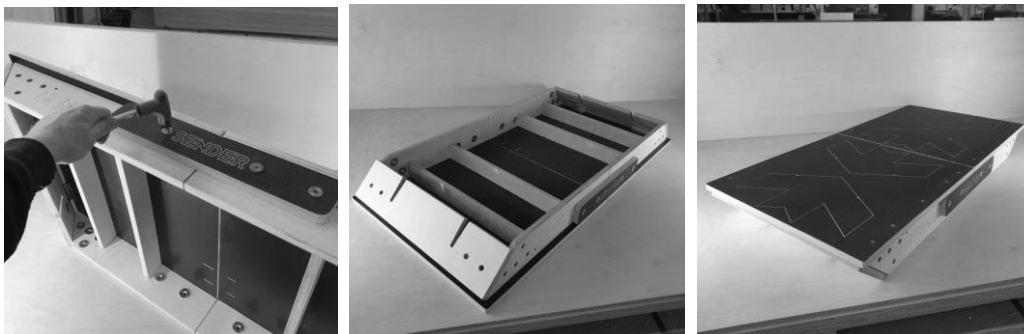


RE-JOINING YOUR ASSEMBLED TABLETOP

You may have purchased you Tabletop Assembled. You must follow these steps to join the parts back together. It will arrive in COMPACT shipping / transport and storage mode. Place the two parts together on a flat surface to check the alignment of the vertical ends. Stand the two parts on one edge / side as shown below.

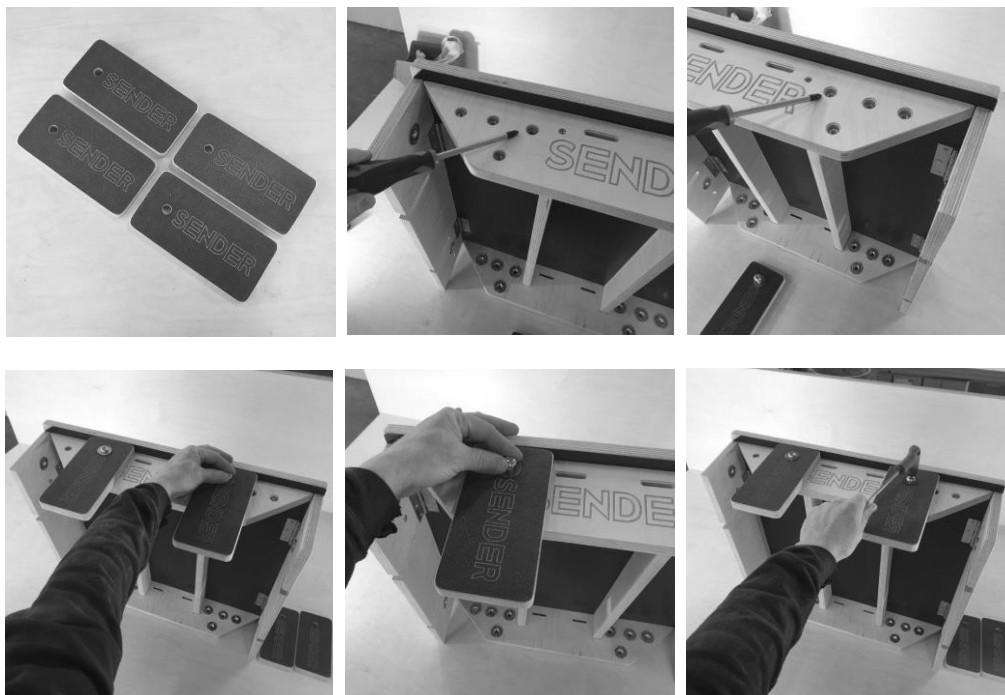


Take the two long joining plates with 4 holes and align this over the holes in the side panels. Place 4 x M10 x 35 Countersink bolts into the holes by finger and then tighten the bolts to 12 Nm. Carefully turn the Tabletop over and repeat on the other side tightening the fixing bolts to 12 Nm. Before proceeding check that all screws and bolts are secure. Your Tabletop is now ready to place between two ramps of the same height or attach legs of a chosen length.



INSTALLING 200 LEGS ON THE 600 TABLETOP

Each Tabletop should have 4 x Legs. Use the Bolt hole nearest the MIDDLE of the Tabletop at each end. Secure this with an M10 x 40 mm Button Head bolt with a large washer. Repeat at either end on both sides of the Tabletop.



INSTALLING 200 LEGS ON THE 1200 TABLETOP

Each Tabletop should have 4 x Legs. Use the Bolt hole nearest the MIDDLE of the Tabletop at each end. Secure this with an M10 x 40 mm Button Head bolt with a large washer. Repeat at either end on both side of the Tabletop.

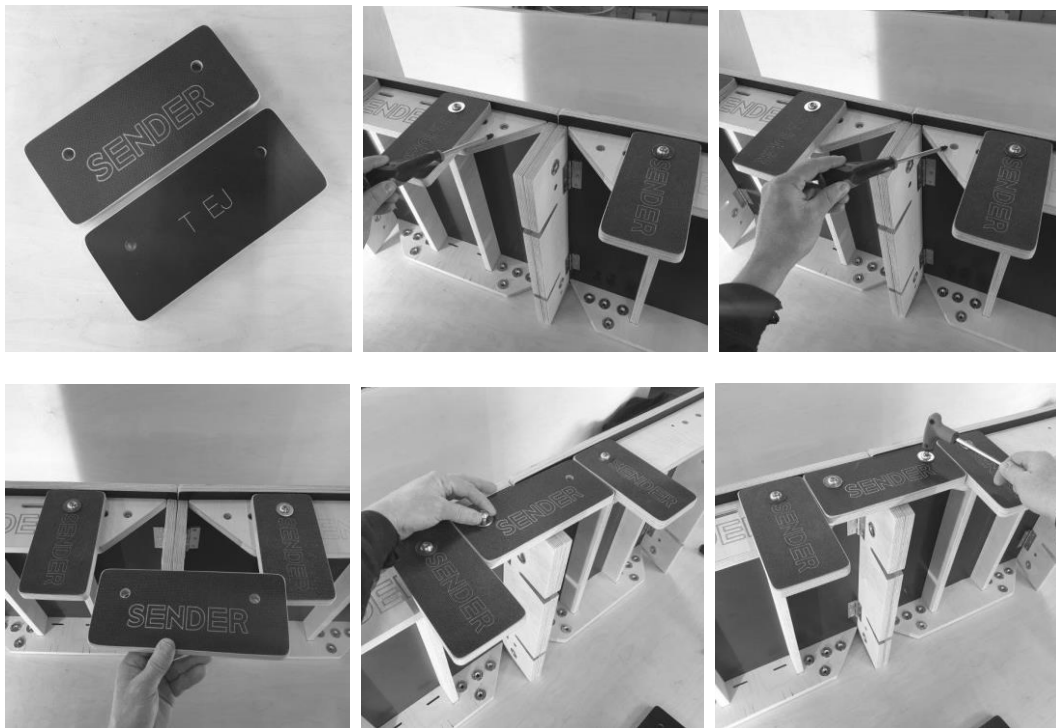


JOINING TWO TABLETOPS WITH THE JOINING BLOCKS

Tabletops can be joined using 2 x Blocks T EJ and 2 x M10 x 40 mm Button Head Bolts on either side. The process is the same for 350 and 500 Legs and you can join 2 or more 600 Tabletops together OR 2 or more 1200 Tabletops OR a combination of 600 and 1200 Tabletops. Place two Tabletops END to END. Place the block between the Tables and align with the holes in the Tabletop.

One BOLT goes into each Tabletop. The block is trapped between the legs. Carefully turn the structure over and repeat to Fully Join the two parts of the Tabletop. You might want to complete Step 2 before turning the Table Over and installing the second Joining Block.

STEP 1:



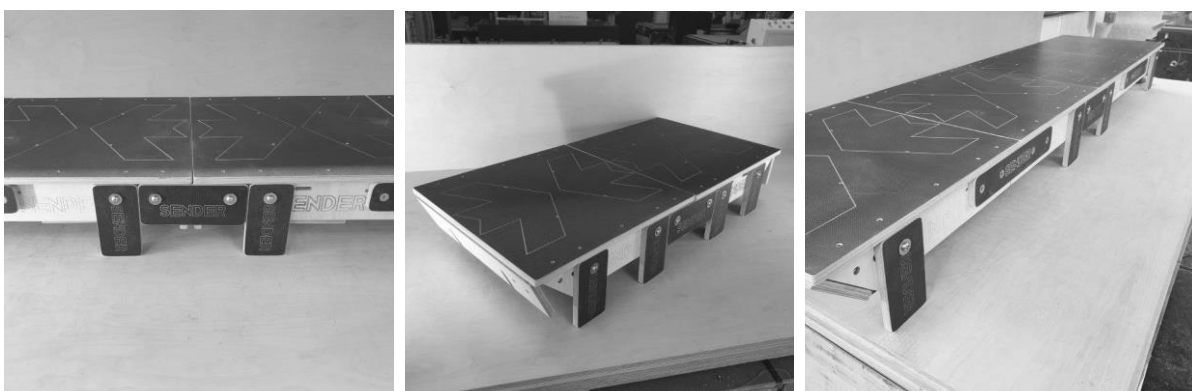
STEP 2:

We recommend BOLTING the END PLATES together to add additional strength to the join between two Tabletops. Manipulate the END plates so you can locate a Bolt through one side and into a T Nut in the opposing plate. Tighten by finger to catch the thread (and avoid cross threading) before using a Hex key to tighten the bolts. This give a super strong join between Tabletops. You may find it easier to loosen the bolts on the joining plates OR attach one of the joining plates THEN connect the END plates – then Tighten the joining plate bolts – THEN install the second plate!



BOLTING TWO TABLETOP END PLATES TOGETHER

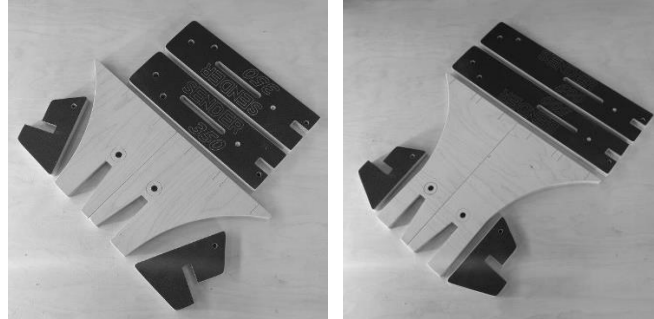
The process is the **SAME** for Joining 2 x 1200 Tabletops. Below you will find EXAMPLE images of 2 x 600 and 2 x 1200 Tabletops bolted together!



INSTALLING 350 and 500 LEGS ONTO YOUR TABLETOP

Please note that you will only be able to use 200 Legs and EITHER 350 OR 500 Legs on a 600 Tabletop. You will need to remove / unscrew one set of legs on a 600 Tabletop if you would like to change height! On the 1200 Tabletop you can fit 200 / 350 AND 500 Legs and fold them / store when one set is not in use.

Select your 350 or 500 Leg Components. The Installation process is the same for 600 and 1200 Tabletops. On a 600 Table you only have space for 1 x Set of Legs!

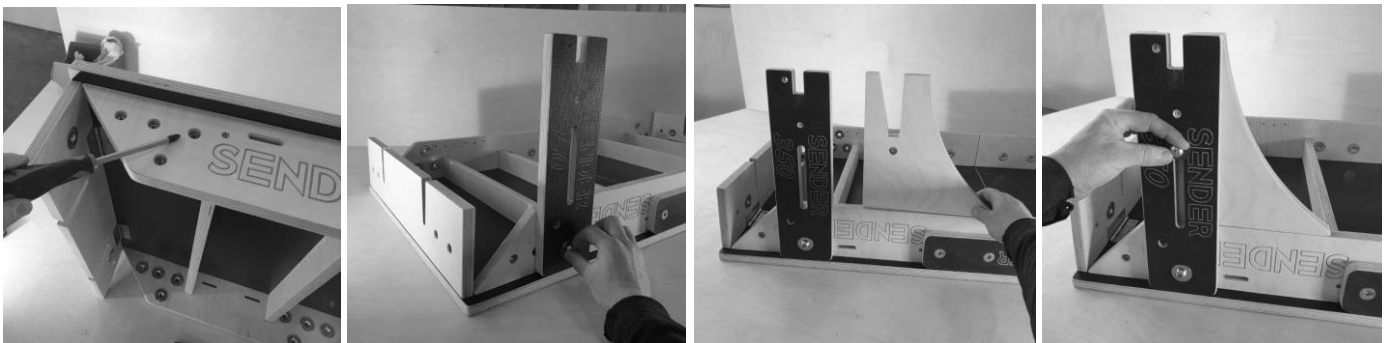


350 Leg Set – 500 leg Set

Place 2 x T nuts into the CIRCLE markers on the back face of the CURVED Leg Components.

Turn your Tabletop over so you see the underside and place your 350 or 500 Leg against the side panel. Use an M10 x 40 mm Button head bolt and a large washer to hold the Leg to the side panel. **THIS BOLT SHOULD BE FINGER TIGHT!** Use the Bolt Hole closest to the MIDDLE of the Tabletop as shown below. Take your 350 OR 500 Curved Leg Component with the T Nut. The T NUT should be on the INSIDE of the Tabletop. SLIDE this until the Vertical edge ALIGNS with the Vertical Edge of the attached leg.

The Vertical Edges of BOTH Leg Components should face the END of the Tabletop as shown. Use an M10 x 40 mm Button head bolt to hold the Curved component to the Vertical Leg. **THIS BOLT SHOULD BE FINGER TIGHT!** This will allow you to manipulate the two components in the next stage.



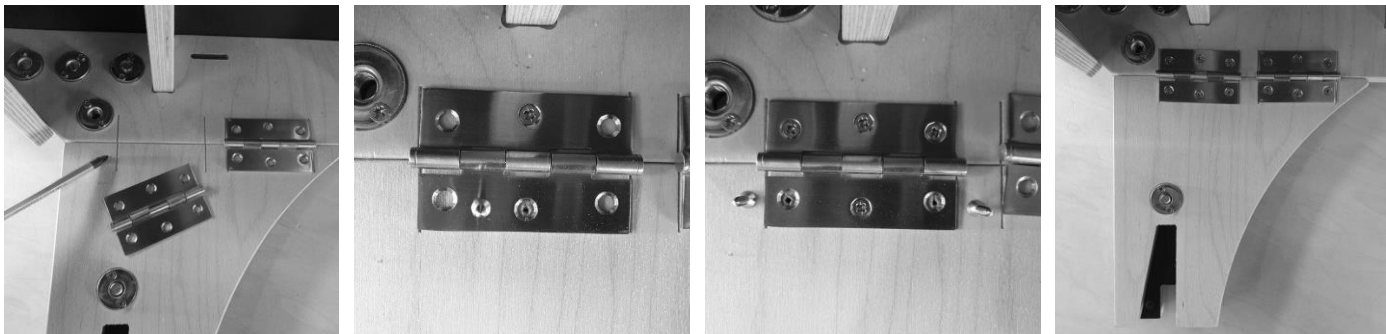
Rotate the Tabletop onto one side so that you can see the Inside of the Curved Leg component. Manipulate both components to align them in all places. The Vertical / Straight Edges should be flush. The Join should be closed. The Slot should be flush of 0.5 / 1 mm clear to allow the leg to fit WITHOUT any friction against the Curved Leg component. You will see Hinge marker lines. These are ONLY GUIDES and may appear stepped / Offset top and bottom! when all the components are properly aligned by EYE and FEEL!



Place two hinges inbetween the GUIDE Lines. Ensure the Join is closed and all parts aligned. Place one screw into the CENTRE of the MIDDLE Hole of the Hinge on one side. Place a second screw in the opposite Middle Hinge hole. This screw should be 1 mm OFFSET from the CENTRE of the hole towards the Long Rear Edge of the hinge. This will help pull the components together.

Place two more screw into the centre of the holes on one side and repeat the process of OFFSETTING the final two screws by 1 mm to pull the two components together. IF you OFFSET the screws too much the Leg will not sit flat and want to bend inwards.

Repeat the process to install the second hinge.



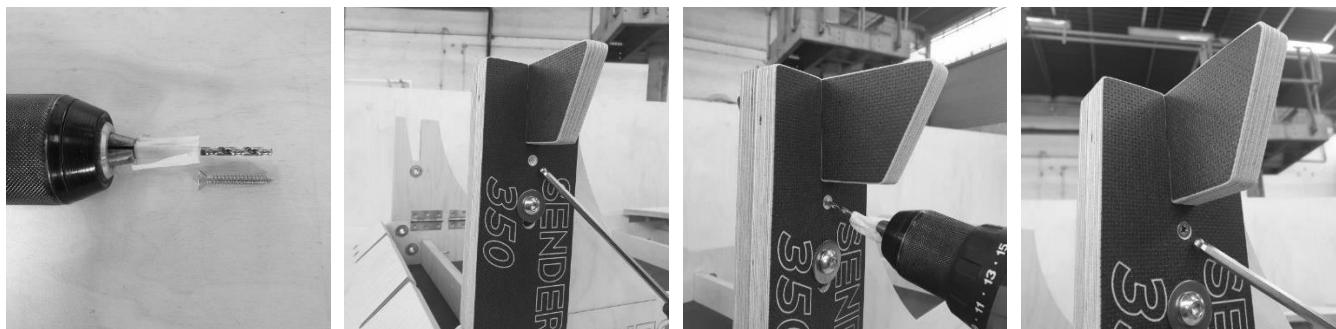
INSTALLING THE SMALL STABILISING FOOT

Take one of the Small Feet. Place this as shown below so that the higher part is on the INSIDE of the Tabletop. The Rough / MESH face should face the End of the Table. Firmly push this in place or TAP with a hammer to fully seat the Foot. The Vertical section and the foot should be FLUSH on the Bottom. Please note you can get replacement parts when they wear out.

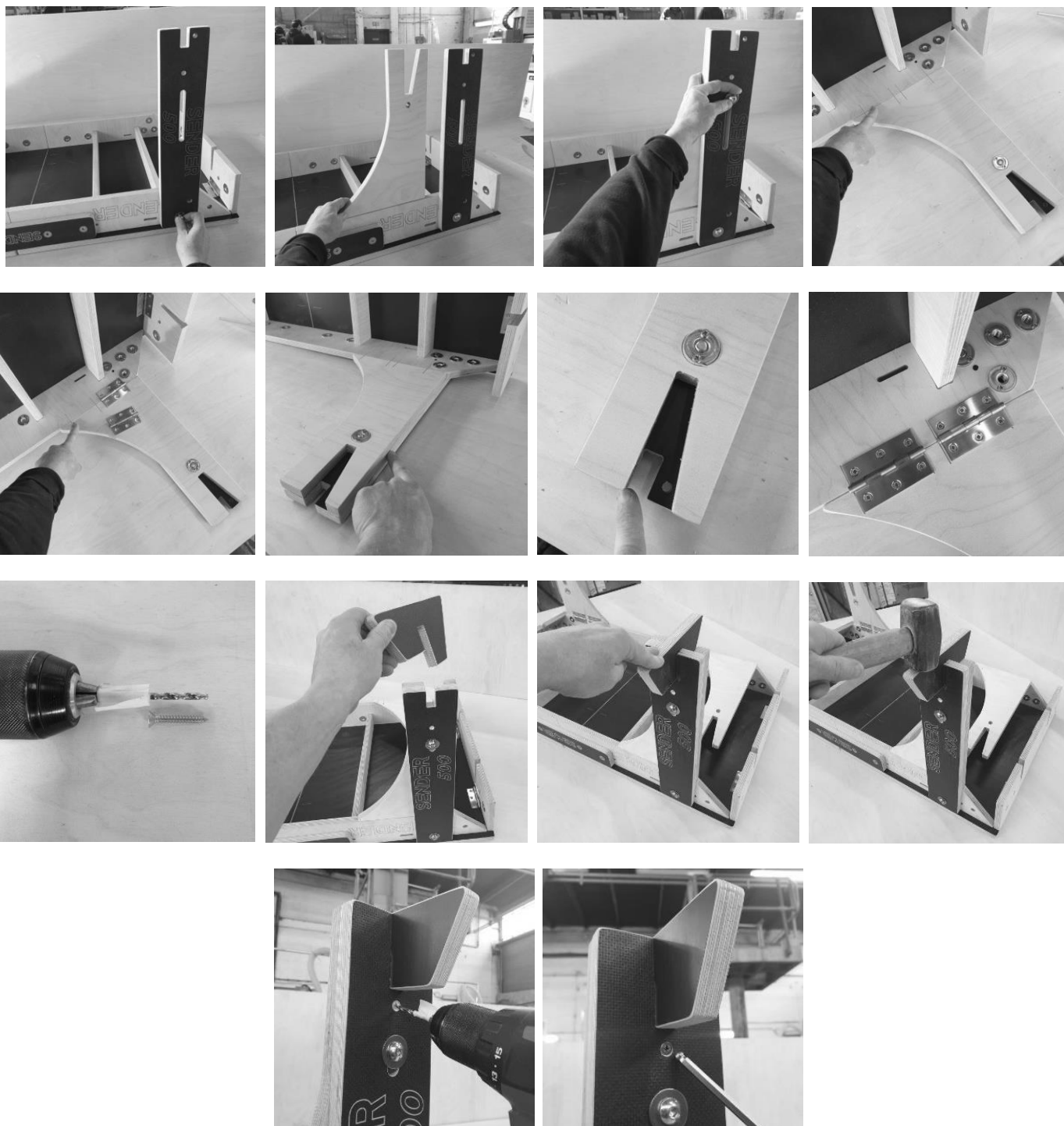


Take a 4 mm Drill bit and use a piece of tape to mark the depth of hole to drill for a 4 x 30 Screw. Drill at a slight angle to avoid breaking the Drill bit in the hole! Fix the foot to the leg with a 4 x 30 mm Stainless Steel Screw. Keep constant pressure to avoid ROUNDING the head of the screw. Stainless Steel is SOFT!

REMOVE THE LEG AND FOLD THE HINGED CURVED COMPONENT. ROTATE THE TABLETOP ONTO ITS OTHER EDGE AND INSTALL THE SECOND 350 or 500 LEG



IMAGES SHOWING THE INSTALLATION OF A 500 LEG SET



The Images below show BOTH 350 and 500 Legs Installed on a 1200 Wide Tabletop. You will need store one set or both legs sets depending on the height of ramp you intend to use. You will need to Store BOTH legs if you intend to use the 200 Legs.



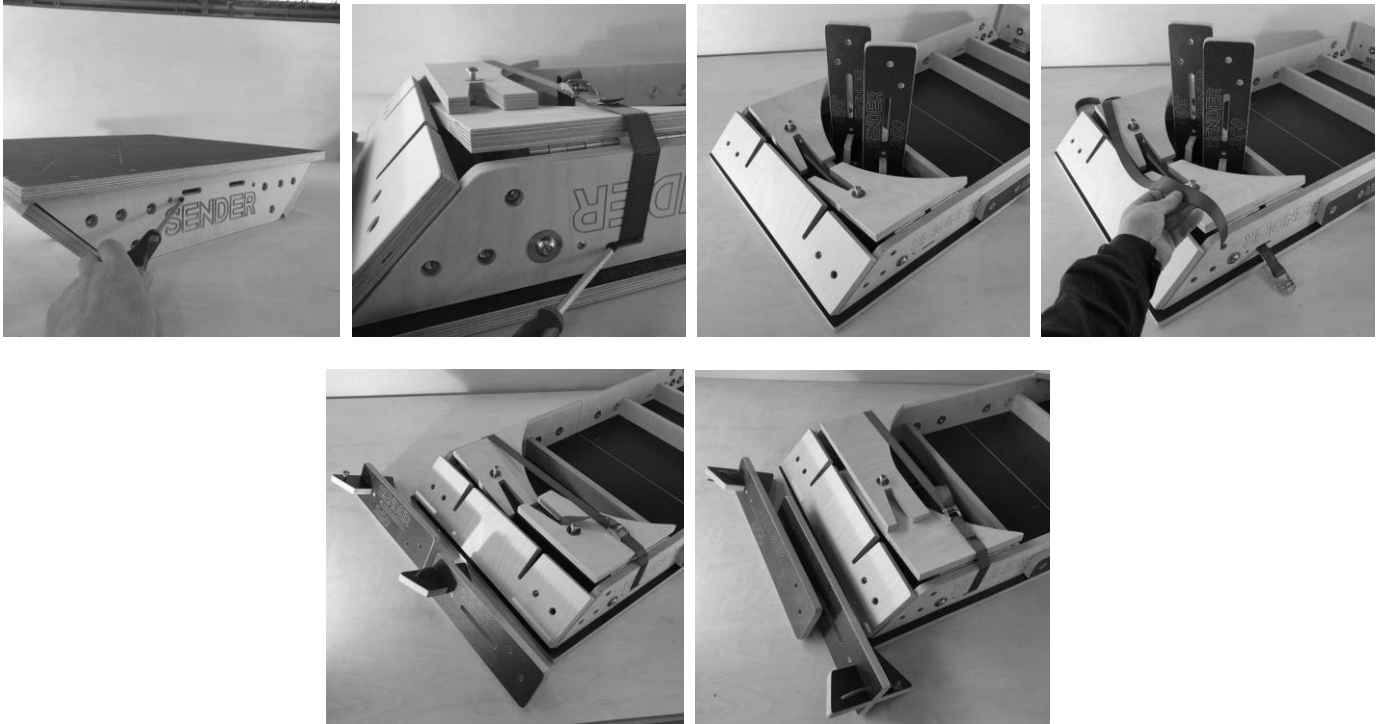
TERRAIN ADJUSTMENT

Each 350 / 500 Leg has 15 mm of Terrain Adjustment to help level the Tabletop on uneven ground

STORING YOUR 350 and 500 LEG SETS

You will find STRAP Slots on the sides of your 600 and 1200 Tabletop Sides (Strap provided with each Leg Set).

Remove / Unbolt your 350 / 500 Vertical leg components and place them to one side. Fold the Curved Leg Components inwards until they are horizontal. Feed the strap through the slots on either side and thread back through the buckle. Keep the tape flat for an even pull. You might want to cut the tape of the strap shorter. You should carefully seal the ends with a hot knife to prevent fraying of the material. Place the M10 x 40 Button head bolts and washer back into the Table to store and prevent loss.



350 Leg Set Installed and in Storage – 500 Leg Set Installed and in Storage

JOINING YOUR TABLETOP TO A RAMP 200 / 350 / 500 Heights

RAMP TO RAMP – SINGLE TABLETOP NOE LEGS:

Create a Take OFF to landing Ramp with ONE 600 or 1200 Table. Simply remove and store all leg sets with a strap if they are installed on your Tabletop. Then Hook the Tabletop onto the bolts on the Take off and landing Ramp and tighten to 12 Nm.

ONE RAMP TO ONE TABLETOP DROP OFF OR CASEPAD:

Unfold / Choose the Leg Set on the Tabletop to match the ramp you are using. Secure the bolts at 12 Nm for maximum strength. Place 2 x M10 x 40 mm Button head bolts with 2 x large Washers into the BACK PLATE of your Ramp. Hook the Tabletop over the Bolts in the Back plate whilst keeping the washers to the inside. We recommend having a SMALL 6 mm HEX KEY OR BETTER / FASTER a TORQUE / Ratchet Wrench (with Quick Release) with 6 mm attachment. Easier to reach into the space behind a leg set.

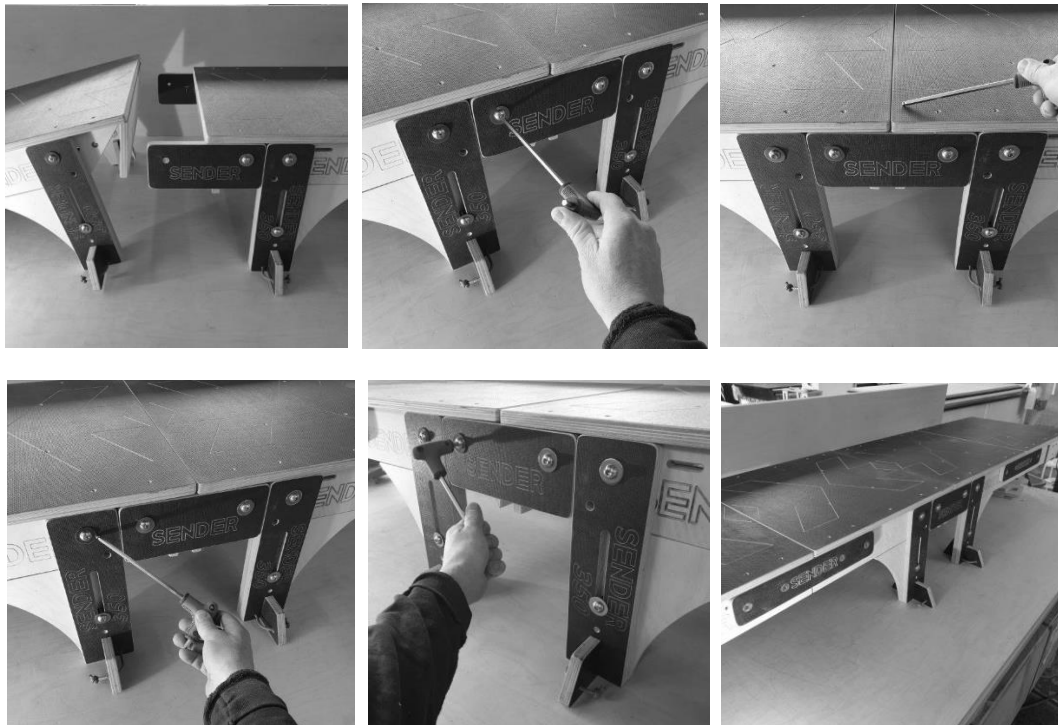
You may need to loosen the straps and drop the legs a little to access the bolts on the lower ramps. You can also lift / tilt the ramp to one side being very careful not to add excessive leverage to either part. Strap legs back into storage before use.



CREATING A DOUBLE TABLETOP WHEN USING 350 OR 500 LEG SETS

Step 1:

Attach one of your Tabletops to a Take OFF Ramp as shown above with the correct size of Leg Set. Make sure the Legs are bolted and secure at 12 Nm. Attach the Joining Blocks as shown below. It is easier if the block is a little loose at this stage. Hook the other Tabletop to the Landing Ramp. With TWO people lift the second Ramp and Tabletop so the Tabletops connect in the middle. The second Tabletop should now be resting on the Blocks. Place the other joining block bolts by hand first and the tighten both to 12 Nm. When TWO Tabletops are joined together BOTH the LEGS should be in the MIDDLE of the STRUCTURE. Before use make sure that all bolts are tight.



STEP 2:

We recommend BOLTING the END PLATES together to add additional strength to the join between two Tabletops. Manipulate the END plates so you can locate a Bolt through one side and into a T Nut in the opposing plate. Tighten by finger to catch the thread (and avoid cross threading) before using a Hex key to tighten the bolts. This give a super strong join between Tabletops. You may find it easier to loosen the bolts on the joining plates OR attach one of the joining plates THEN connect the END plates – then Tighten the joining plate bolts – THEN install the second plate!



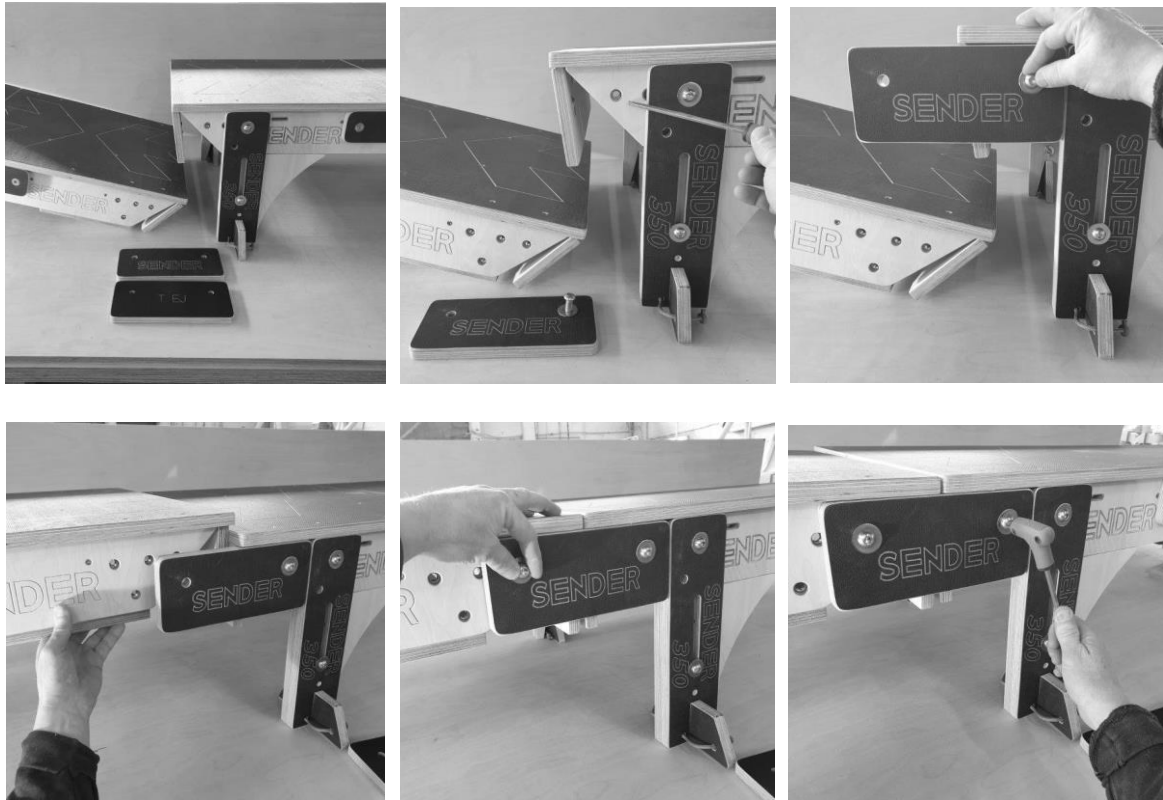
BOLTING TWO TABLETOP END PLATES TOGETHER

CREATING A DOUBLE TABLE DROP OFF WHEN USING 350 OR 500 LEG SETS

Step 1:

Attach one of your Tabletops to a Ramp. Make sure the Leg Set used is the same height and bolted secure at 12 Nm. Attach the Joining Blocks as shown below. Place Joining Block one on either side of the Tabletop to create a REST / LEDGE for the other Tabletop. It is easier if the blocks are a little loose at this stage as this will help when locating the second bolt.

Unfold the Leg Set on the second Tabletop and secure with the bolts at 12 Nm. Turn the Table so that the Legs are at the Drop Off End. REST the end of the second Tabletop on the Blocks as shown below. Place the second bolt by finger first and then tighten both bolts to 12 Nm. Repeat on the other side. When TWO Tabletops are joined together there should be ONE Leg set at the Middle JOIN and ONE at the DROP OFF END. Before use make sure that all bolts are tight.



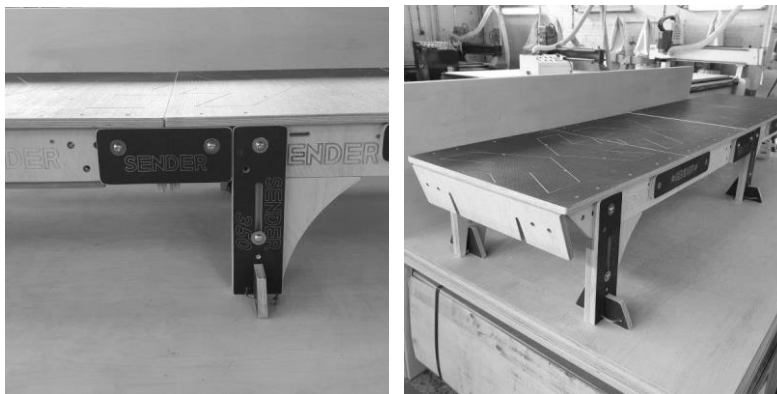
STEP 2:

We recommend **BOLTING** the END PLATES together to add additional strength to the join between two Tabletops. Manipulate the END plates so you can locate a Bolt through one side and into a T Nut in the opposing plate. Tighten by finger to catch the thread (and avoid cross threading) before using a Hex key to tighten the bolts. This give a super strong join between Tabletops. You may find it easier to loosen the bolts on the joining plates OR attach one of the joining plates THEN connect the END plates – then Tighten the joining plate bolts – THEN install the second plate!



BOLTING TWO TABLETOP END PLATES TOGETHER

The images below show a Double Tabletop Drop Off. This is the perfect length of surface for coaching Drops. You may wish to place a small ramp at the end of the drop to reduce the Drop Height.



COMPACT MODE and SUPER COMPACT MODE

You can easily store you Tabletop with all the Leg Sets attached and folded. It takes a few minutes extra to remove the Tabletop Joining Blocks and Legs and Half the Size.



STORING YOUR RAMP – KEY POINTS TO REMEMBER

Your ramp should be stored in a dry location. Shipping Containers are terrible for humid, warm and cold conditions that are perfect for growing mould and mildew. Birch Plywood (and other sheet materials) are prone to these growths if it is not treated. Your ramp CAN BE used outside in the rain and in wet grass but if you would like your ramp to last a lifetime bring it inside after use. We strongly recommend treating your ramp with a preservative. Please see below.

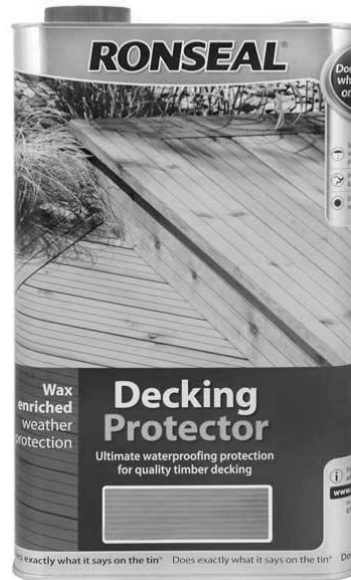
Never leave your ramp in the transport bag if it has been used in wet grass or in the rain.

SENDER TRANSPORT BAG

Our Transport bags are manufactured in the UK. They are strong but not indestructible. The webbing straps are double welded but you must avoid picking the ramp up with one strap! Use the Lifting Loop and a strap at the same time to mount the ramp on your bag with increase the life span of the bag.

TREATING YOUR RAMP WITH A PRESERVATIVE

It is not essential to use a preservative but it will greatly increase the longevity of your ramp and prevent unsightly marks. NEVER use a varnish. Use a water based protector. These are very easy to apply as long as you use a wet, then dry cloth to remove the excess from all BROWN Surfaces. It leaves a waxy film that peels in the rain! You should coat / treat all cut edges, all birch faces and any holes / routed text. Preferably twice! And again annually or biannually. A Clear or Natural Colour should not YELLOW the wood. Ronseal LOW VOC Decking Protector easily and quickly soaks in and dries leaving an effective barrier.



RONSEAL WATER BASED – NATURAL COLOUR OR CLEAR

DISPOSING OF YOUR RAMP

You should remove all screws / nuts and bolts and place these in metal recycling. You must put the plywood in the wood recycling.

BETTER! Get in touch for new parts or one of our refresh kits. This will allow you to keep using the ramp or even sell the ramp to another user. This is by far the MOST ENVIRONMENTALLY FRIENDLY SOLUTION.

Thanks again – We hope you enjoy the process of building your ramp and then making fast progress to new skill levels and greater confidence on the trail!

Scott and Team

You can get expert advice at Sender. Do not hesitate to contact us. You can also order replacement parts. This keep your purchase environmentally friendly and keeps you rolling.

Please subscribe to our YouTube Channel Sender Ramps for notifications when we upload new films. If you need advice or help please contact us direct support@sender-ramps.com