



## SENDER 200 CURVED - STANDARD AND PRO

### Assembly and Fitting Instructions

The New SENDER 200 CURVED is compatible with our other components such as the Bridge, Table Top and Pump Roller. It **MUST NOT** be used with the ORBIT because it **WILL** tip over. All cut edges, screw holes and text should be treated with a LOW VOC water based decking protector. Ramps should be stored inside overnight if you want them to last. We recommend you use copper grease or similar on the T nuts and bolts thread to extend component life. Bolts should always be inserted by finger first and turned to catch the thread before using a mechanical device. This will avoid cross threading.

Assembly should take about 45 minutes. The front edge of the ramp has 2 x 6mm Holes so you can use tent pegs to secure the ramp on grass or gravel. Riders should always wear a helmet and gloves as a minimum when using Sender Ramps and Features.

#### Contents:

- 2 x Side Panels
- 1 x Back Plate
- 1 x Ramp Surface
- 1 x Baton
- 2 x T Nuts
- 4 x Button Head Screws – **THESE SCREWS ARE MADE FROM STAINLESS STEEL – THIS IS A SOFT MATERIAL – TAKE CARE NOT TO ROUND THE SOCKET**
- 17 x 5 x 50 TX25 Screws

#### You will need:

- 1 x Impact Driver
- 1 x Pozi 2 Driver Bit
- 1 x TX25 Driver Bit
- 1 x Drill with 4mm Drill Bit

#### Stage 1:

Lay your components out so you can see all the parts. Protect all work surfaces from damage.



#### Stage 2:

Take the back plate and place the 2 x T nuts in the holes. Use the 4 x button head screws to secure the T nuts to the back plate



### Stage 3:

Take the two side panels ensuring the text and screw marker points are facing out. Use a quick clamp hold the two side panels and the back plate together. Check that the back plate is flush as shown in the images.



### Stage 4:

Drill a 4 mm x 55 mm deep hole through the top marker point in the side panel and fix with a 5 x 50 TX25 Screw. Turn the construction around and repeat the same in the opposing top hole



### Stage 5:

Drill a 4 mm x 55 mm deep hole through the bottom marker point in the side panel and fix with a 5 x 50 TX25 Screw. Turn the construction around and repeat the same in the opposing bottom hole.



### Stage 6:

Turn the back plates and sides structure over so it is the correct way up. On the inside face of the side panels is a box as shown in the image. This is the location marker for the baton. Trap the baton between the markers using a clamp and adjust the baton so that the face is flush with the top edge of the side panels. Drill a 4 x 55 mm hole through the marker points on the outside face of the side panels and fix at both ends with 5 x 50 mm TX25 Screws.



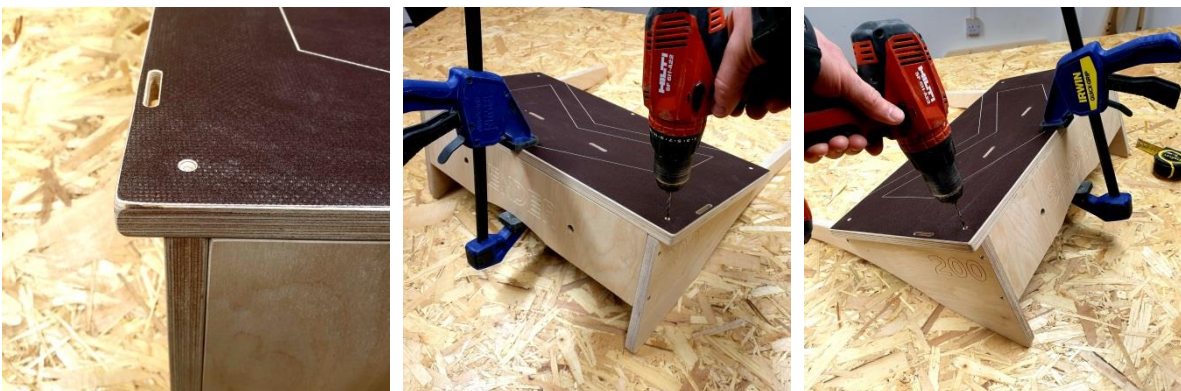
### Stage 7:

Take the Top Ramp Surface (The Bottom Ramp Surface has the Sender Logo). Clamp the ramp surface to the back plate as shown. The Overhang at either end should be 18 mm and the top edge of the ramp surface should be flush with the back face of the back plate.



### Stage 8:

Check that the drill marker points in the Ramp Surface line up with the centre of the plywood on the side panels. Drill a 4 x 55 mm hole through the ramp surface perpendicular to the ramp surface at both (highest) top corners. Secure the surface with 5 x 50 TX25 Screws. YOU MUST NOT OVER DRIVE these SCREWS or you risk pulling the surface off if you have to remove them!



### Stage 9:

Turn the ramp around. Check the overhang between the ramp surface and the side panel is 18 mm. Use the clamp to make small adjustments to the overhang. You can pull the side panel in or out by adjusting the clamp with one end on the side panel and one end on the edge of the ramp surface. Once the overhang is 18 mm check the screw marker hole lines up with the plywood below as shown. Drill 4 x 55 mm through the marker point perpendicular to the surface. Fix this using a 5 x 50 TX25 Screw. Repeat on the other side.



### Stage 9:

Drill through the centre marker point into the baton and secure with 1 No TX25 5 x 50 screws. Take the lower ramp surface with the SENDER logo. Use the clamp to hold this to the top panel as shown. This will also ensure the top and lower panels are in line. Secure the lower surface by drilling through the middle marker point into the baton and secure with a TX25 screw.



### Stage 10:

Drill through the two top marker points into the end of the side panels and fix with 2 No TX25 5 x 50 screws.



### Stage 11:

Check the overhang is 18 mm on both sides. You can use the clamp to pull the side or surface until you get 18 mm. Drill perpendicular to the surface through the two marker points into the end of the side panels and fix with 2 No TX25 5 x 50 screws.



### Stage 12:

The next stage requires care. Use a piece of wood or ruler as guide. Place the wood / ruler against the outside back face of the ramp so that it protrudes above the top edge of the ramp. This provides a guide to help you drill at the correct angle. You may need help from a second person. IF you judge the angle wrong the drill bit will appear on the inside or outside face of the ramp! Drill the final 4 x 55 mm deep hole drive the remaining 5 x 50 TX25 Screw into the hole.



### Stage 13:

Go around all the screws and ensure they are now flush with the face of the ramp. Complete a functional check to make sure the construction is complete before taking the ramp outside to jump. You should check the ramp regularly for defects, weaknesses or damage.



For help and advice contact: [support@sender-ramps.com](mailto:support@sender-ramps.com)