

M MASSPRODUCTIONS

M 4PM SELF-BUILD

M INSTRUCTIONS

Thank you! You are reading this, that means you might be considering a 4PM Self Build. I'm very grateful for that – I hope you will enjoy constructing yours as much as I did mine. You can't beat the satisfaction of making something with your own hands, especially when you are guaranteed to end up with a super designer luxury chaise to lounge in.

**Measure and cut carefully and you will have a piece you can enjoy for years to come. These plans are only the start of the project, please go ahead and customise your build in anyway you like. I would love to see the results if you care to share them. Yours truly,
Chris Martin**



Tools & Materials needed

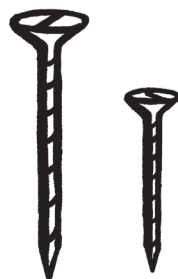
1 × Hand Drill with Screwdriver Bit



1 × Wood Glue

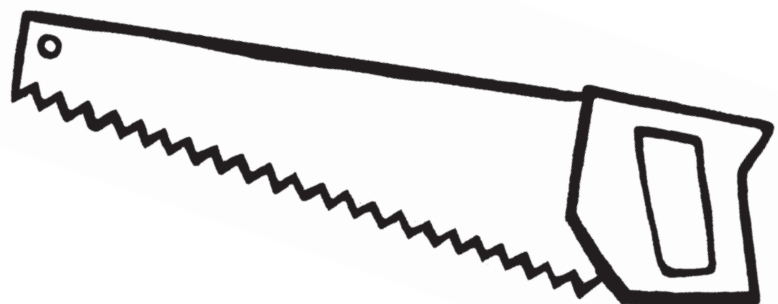


1 × Tape Measure



**6 × Screws, 4.5 × 70mm
30 × Screws, 4.5 × 40mm**

1 × 5mm Drill Bit, 1 × 3mm Drill Bit



1 × Hand Saw

Wooden 45×45mm Battens



390



640

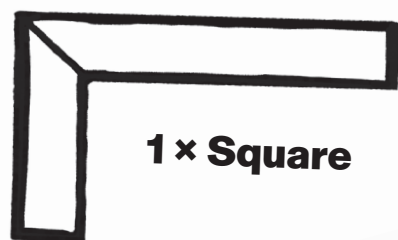


695



1040

Optional but recommended



1 × Square

2 × Clamps



4

12mm Plywood Sheets

300×120

375×340

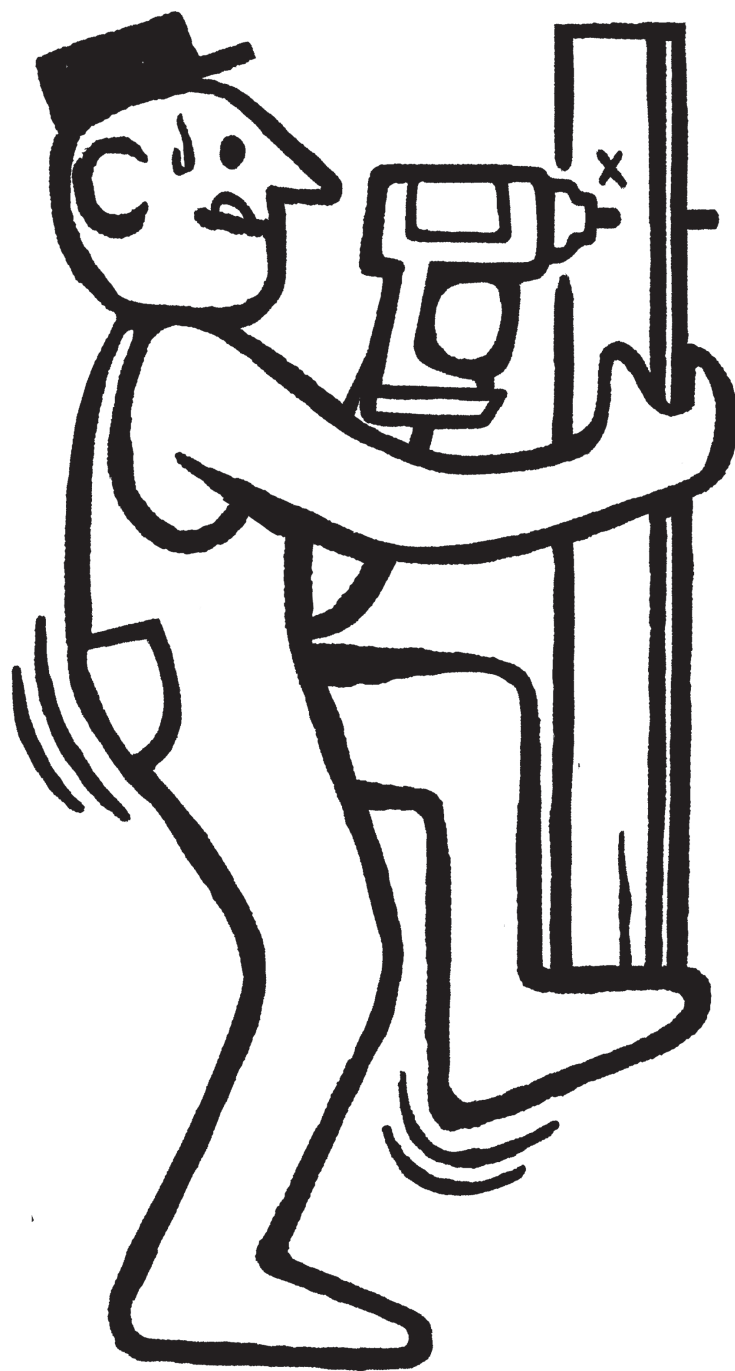
420×390

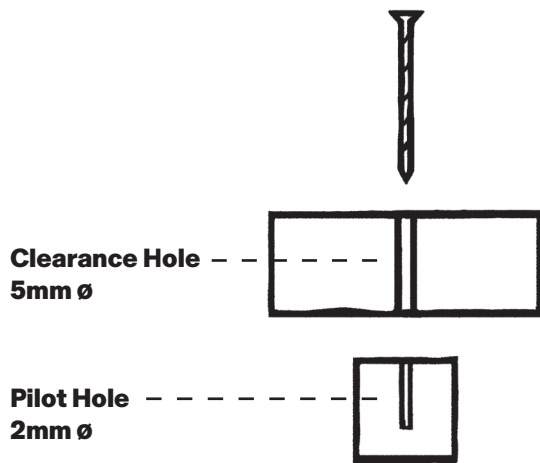
405×510

420×510

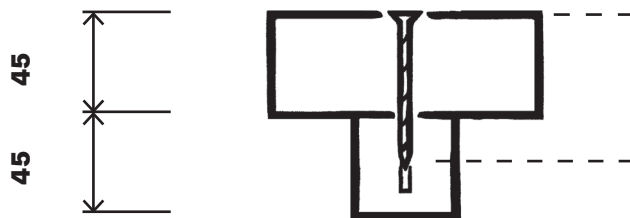
680×333

680×333





Note about drilling holes;
Drill a 5mm Ø clearance hole through the part you are joining to the substrate. Drill a 2mm Ø pilot hole in the substrate. This will ensure the parts close up against each other nicely and the wood will not split.



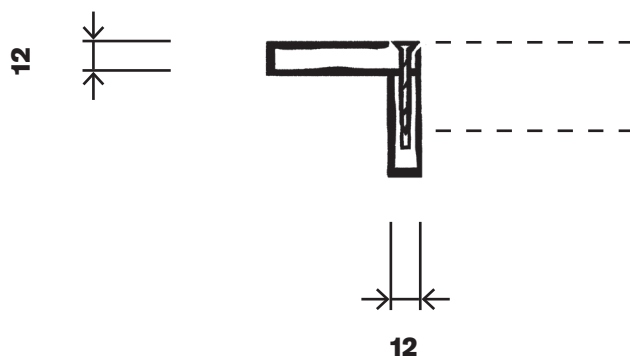
70mm Screw

Use 70mm screws to join the 45 x 45mm battens to each other.



40mm Screw

Use 40mm screws to join the 12mm plywood sheets to the 45 x 45mm battens.



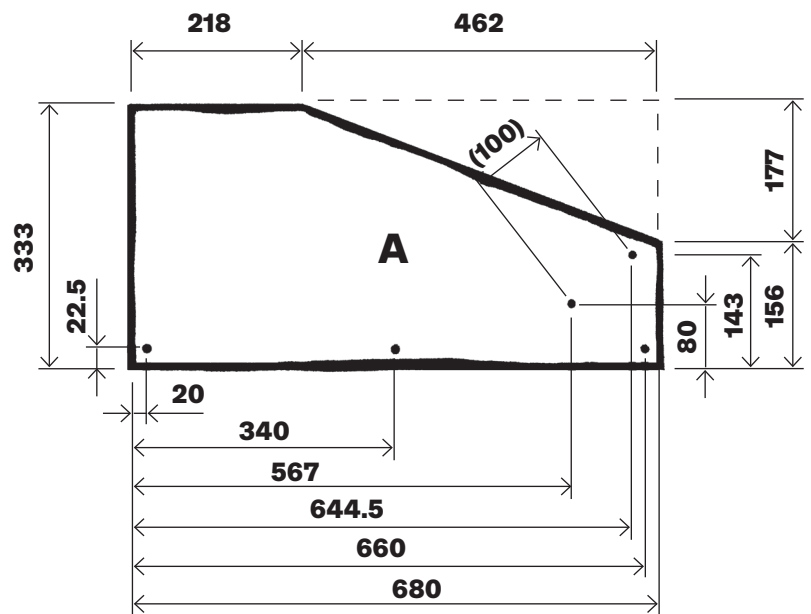
40mm Screw

Use 40mm screws to join the 12mm plywood boards edge to edge.

(!) Drilling into the edge of the 12mm plywood board can be tricky, keep the drill as vertical / perpendicular to the edge as possible!

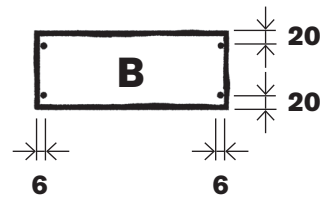
A × 2
680×333mm

**Cut the corners off board and
drill clearance holes as shown.**

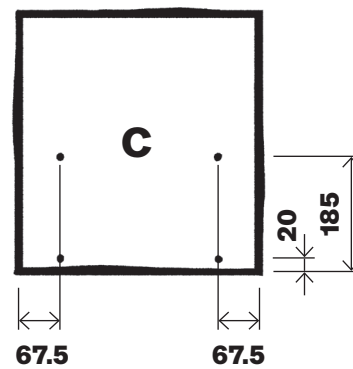


B × 1
300×120mm

Drill clearance holes as shown.

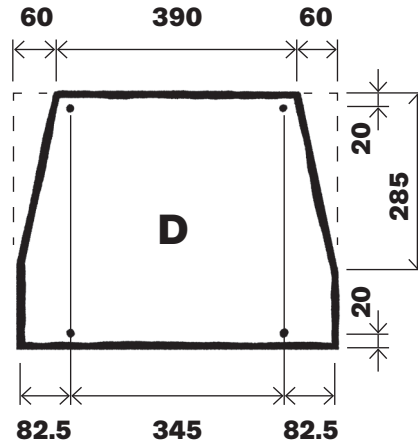


C × 1
390×420mm

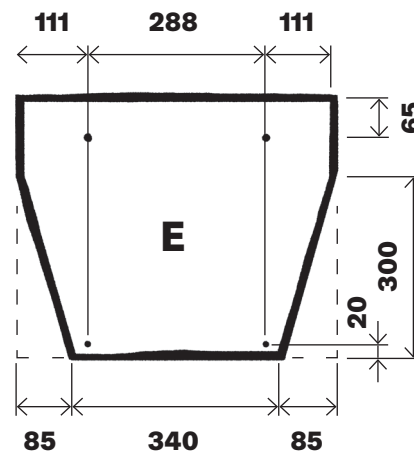


D × 1
510×405mm

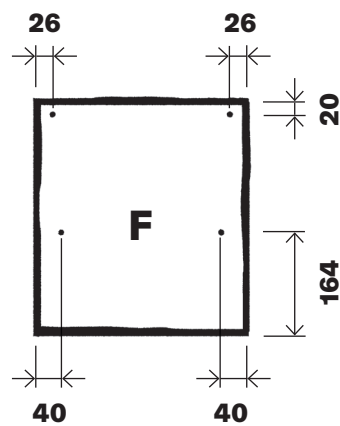
**Cut the corners off board and
 drill clearance holes as shown.**



E × 1
510×420mm

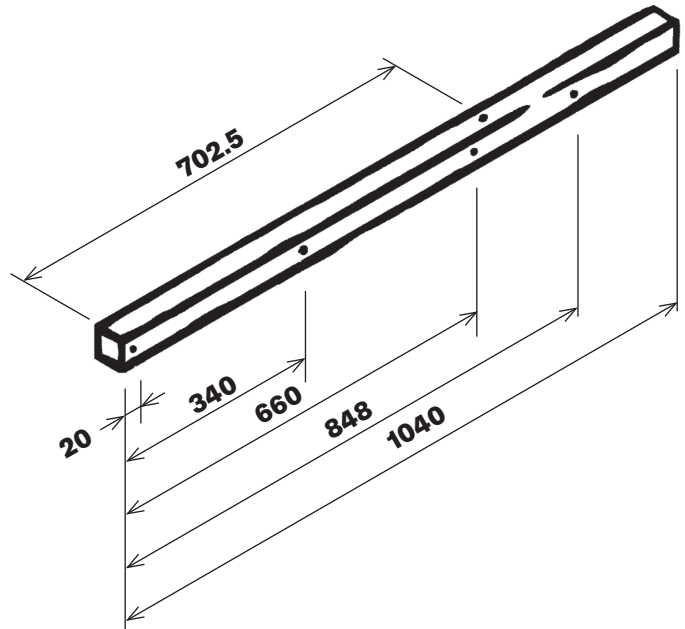


F × 1
340×375mm



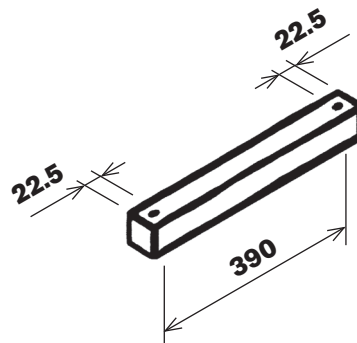
A × 2
1040mm

Drill five pilot holes to a depth of 30mm in the 1040mm batten as shown. Do the same for the second 1040mm batten, but with a reverse pattern.



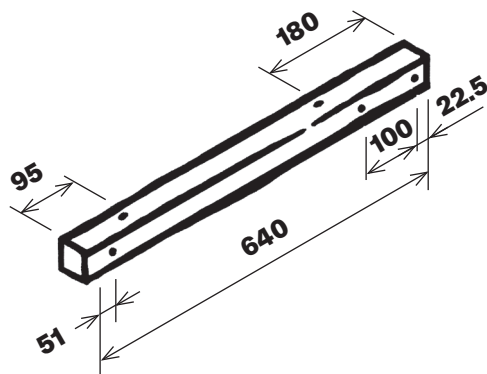
B × 1
390mm

Drill two clearance holes all the way through the 390mm batten as shown.



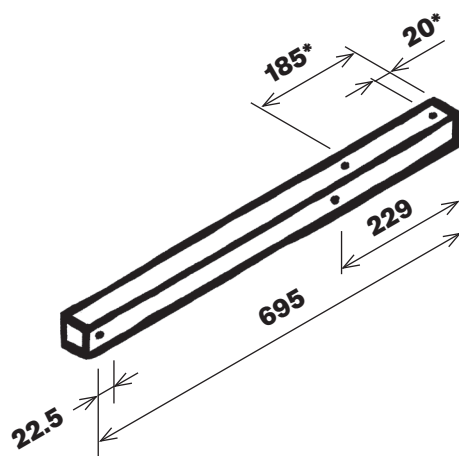
C x 2
640mm

Drill five pilot holes to a depth of 30mm in the 640mm batten as shown. Do the same for the second 640mm batten, but with a reverse pattern.



D x 2
695mm

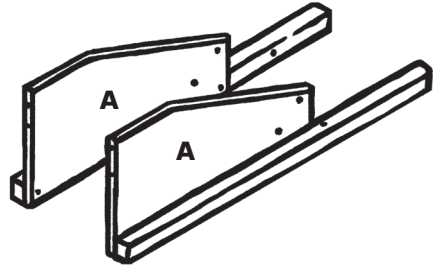
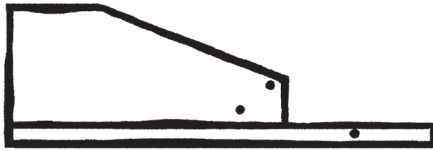
Drill two clearance holes all the way through and two pilot holes* to a depth of 30mm in the 695mm batten as shown. Do the same for the second 695mm batten, but with a reverse pattern.





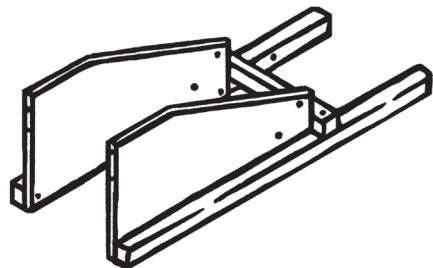
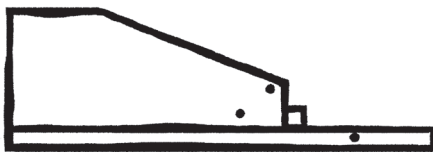
1.

Align the clearance holes on board A with the pilot holes on the corresponding 1040mm batten, then glue & screw them together.



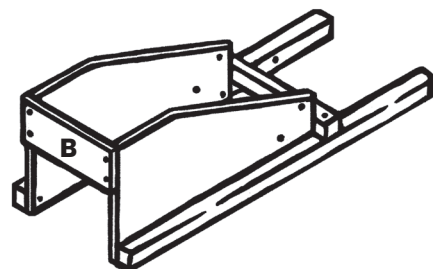
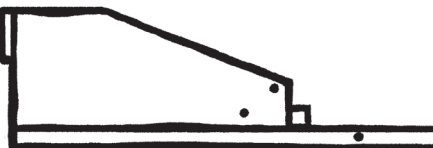
2.

Glue & screw the 390mm batten from above into the 1040mm battens from above, directly behind the side panels as shown.



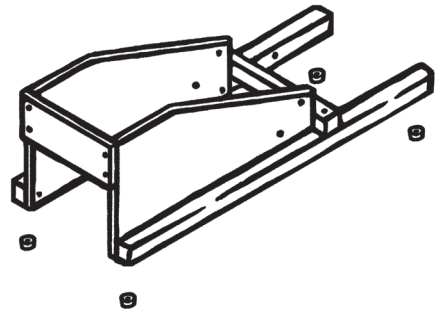
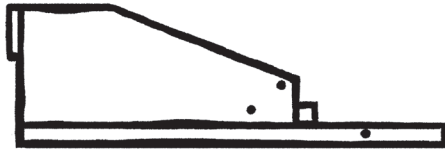
3.

Glue & screw board B onto the front edges of the two A boards. Use board B to mark the position of the necessary pilot holes.



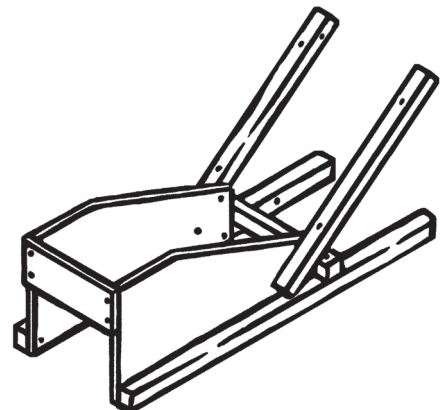
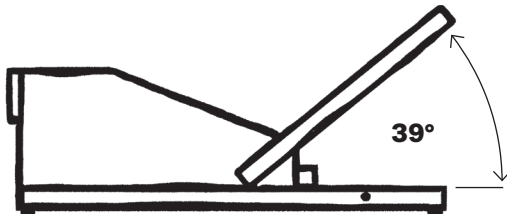
4.

Attach four feet



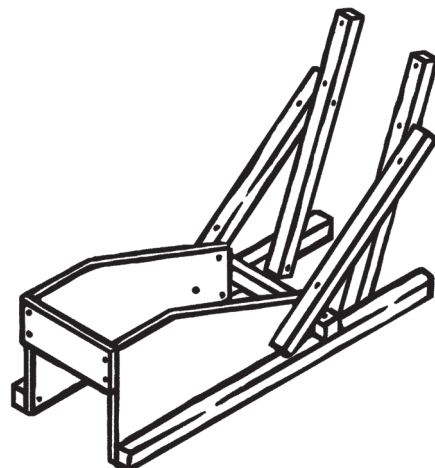
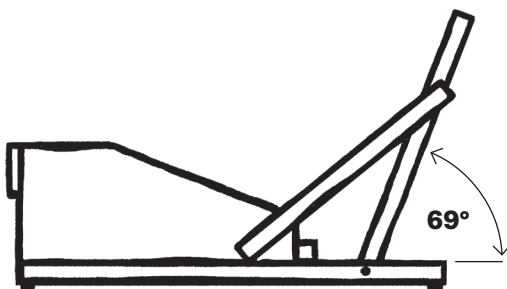
5.

Glue & screw the two 640mm battens into position. Screw from the inside of the plywood boards. It might be useful to make a template to make sure that the batten is positioned at 39°.



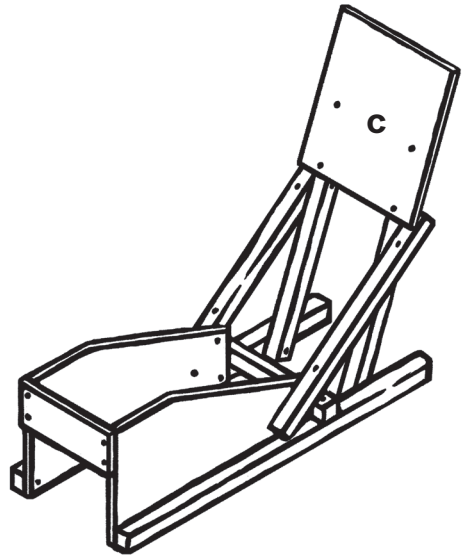
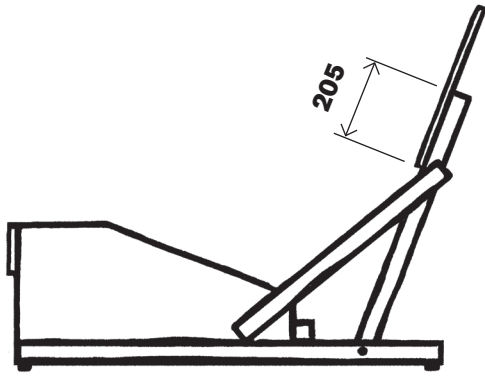
6.

Glue & screw the two 695mm battens into position. Again, a template will help you ensure accuracy.

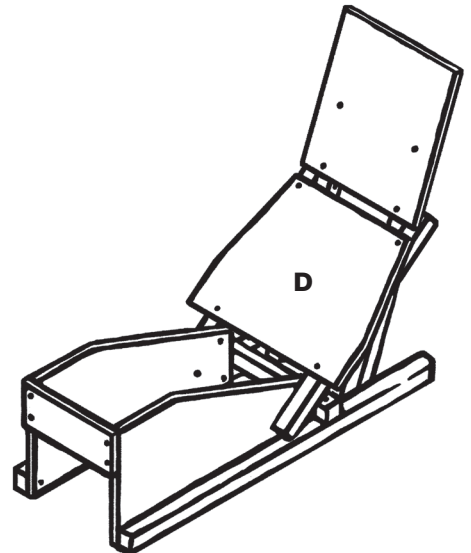
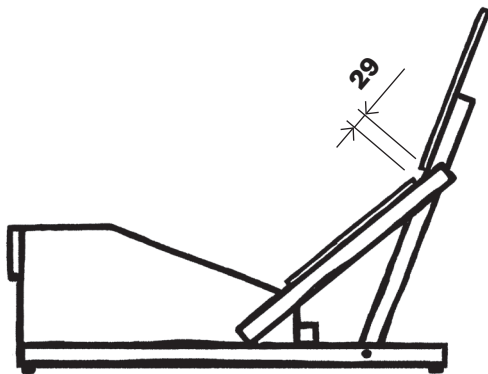




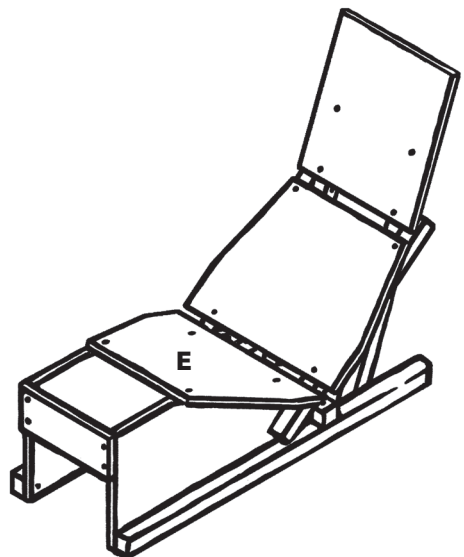
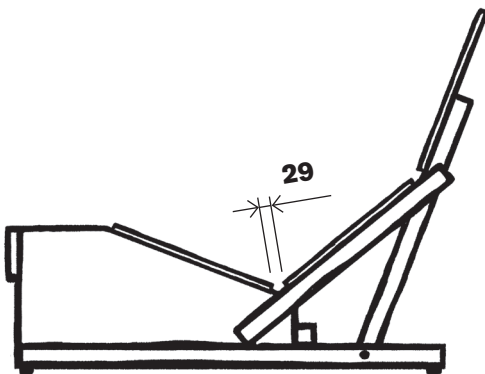
7.

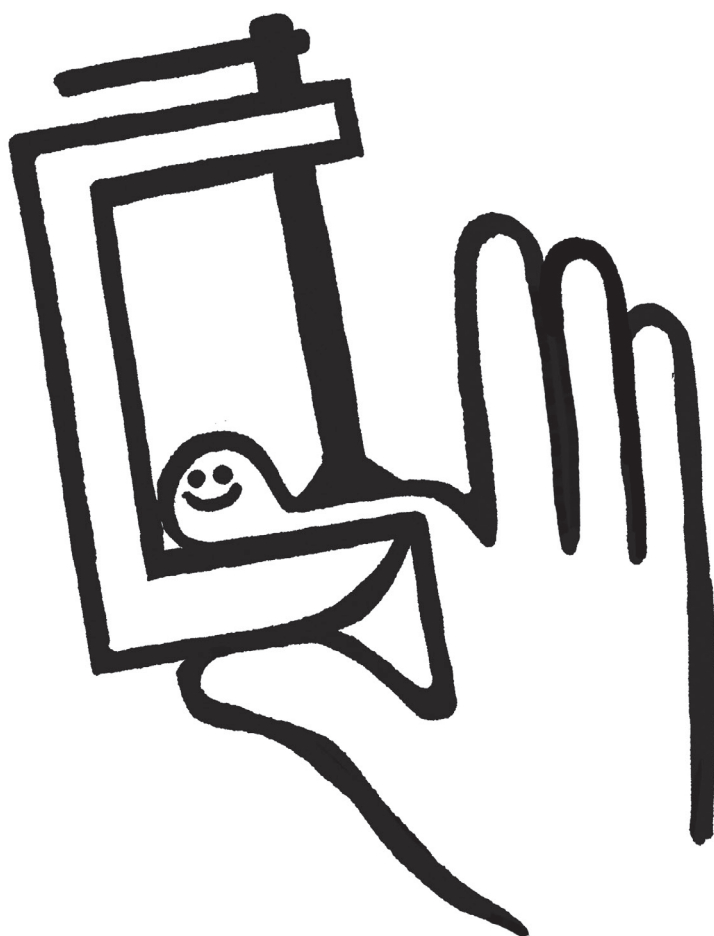


8.

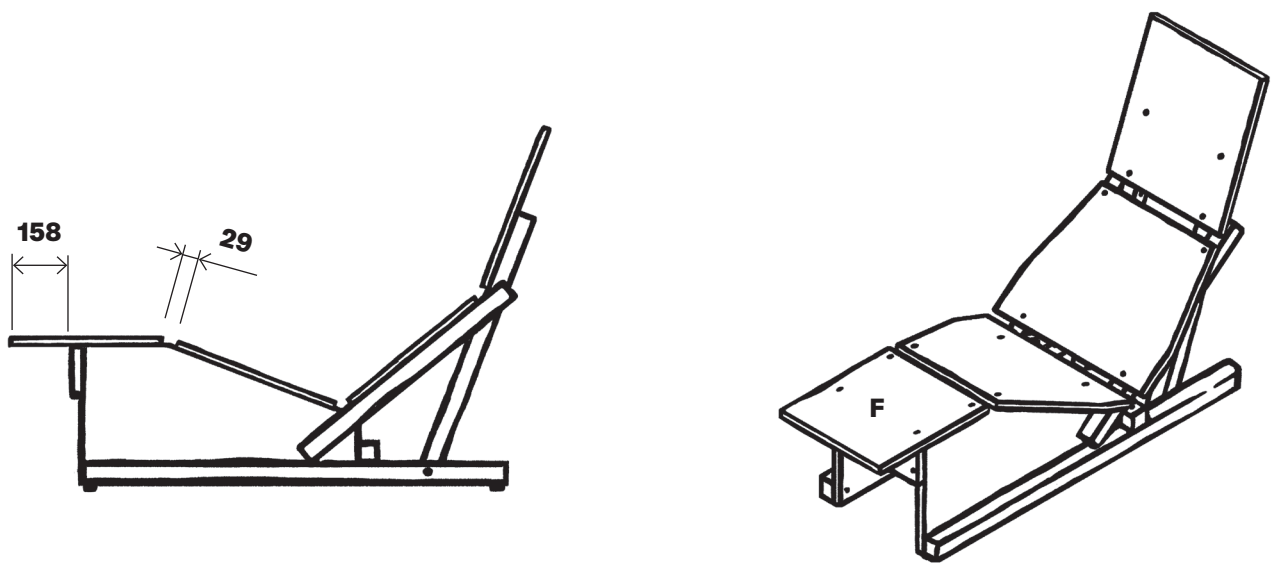


9.





10.



11.

Attach the nameplate with screws to complete your 4PM Self Build chaise. (Available to order from the Massproductions web shop.)

