

Student Table Instruction Manual

By Christian Arends

You will need:

- * All lasercut parts
- * 16x M6 30mm bolts
 - * 16x M6 nuts
 - * 32x M6 washers
- * 2x 10mm wrenches
- * Some woodglue
- * A rubber hammer
(use gently)
- * A little patience and
spatial awareness

Preperation:

- * Do some shopping, you need to get a 6mm mdf board of 1220x2440 cut into 3 pieces to fit on the lasercutter. See picture on the last page of this document for cutting the board, check dimensions on the lasercutter you're going to use.
- * Make a reservation at your lasercutter at school, FabLab or elsewhere. Lasercutting the pieces will take about 2 hours. Lasercutting files are in the downloadable folder.
- * While shopping for the mdf, also get the bolts, washers and nuts. An assortment box at the Action is about €2.50 ;), but instead of 2 wrenches you'll need a wrench and a short screwdriver.
- * While at the Action, you can get primer, paint and a brush. Use woodglue and tools from school or home if available.

Cost's:

MDF board, Praxis :	€10,59	
Assortment box, Action:	€ 2,49	
Primer, Action:	€ 3,59	
Paint, Action:	€ 5,59	
Brush, Action:	€ 0,49	+
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Total	€22,75	(About the cost's of an evening at the bar)

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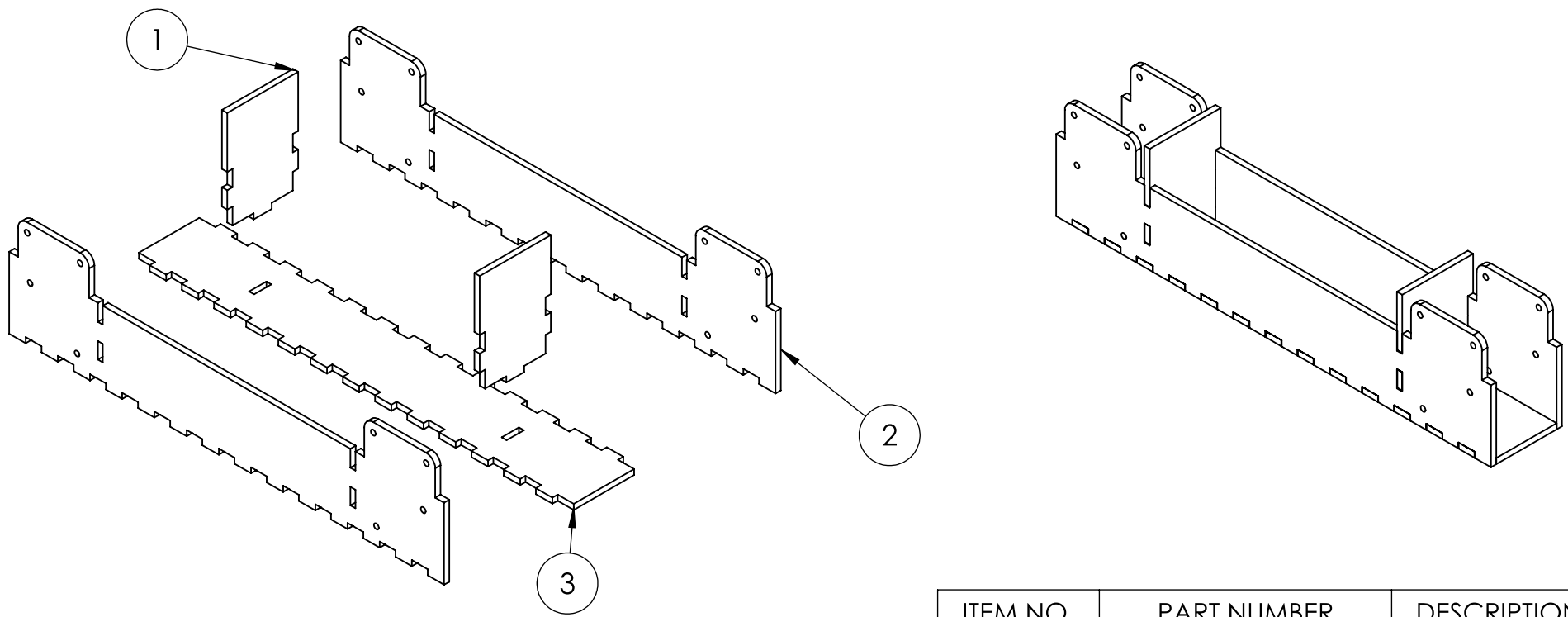
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		tafel vp versie 2-gutter front	2
2		tafel vp versie 2-gutter side	2
3		tafel vp versie 2-gutter bottem	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D											
APPV'D											
MFG											
Q.A								MATERIAL:		DWG NO.	
										<h1>Gutter</h1>	
								WEIGHT:			
										SHEET 1 OF 1	

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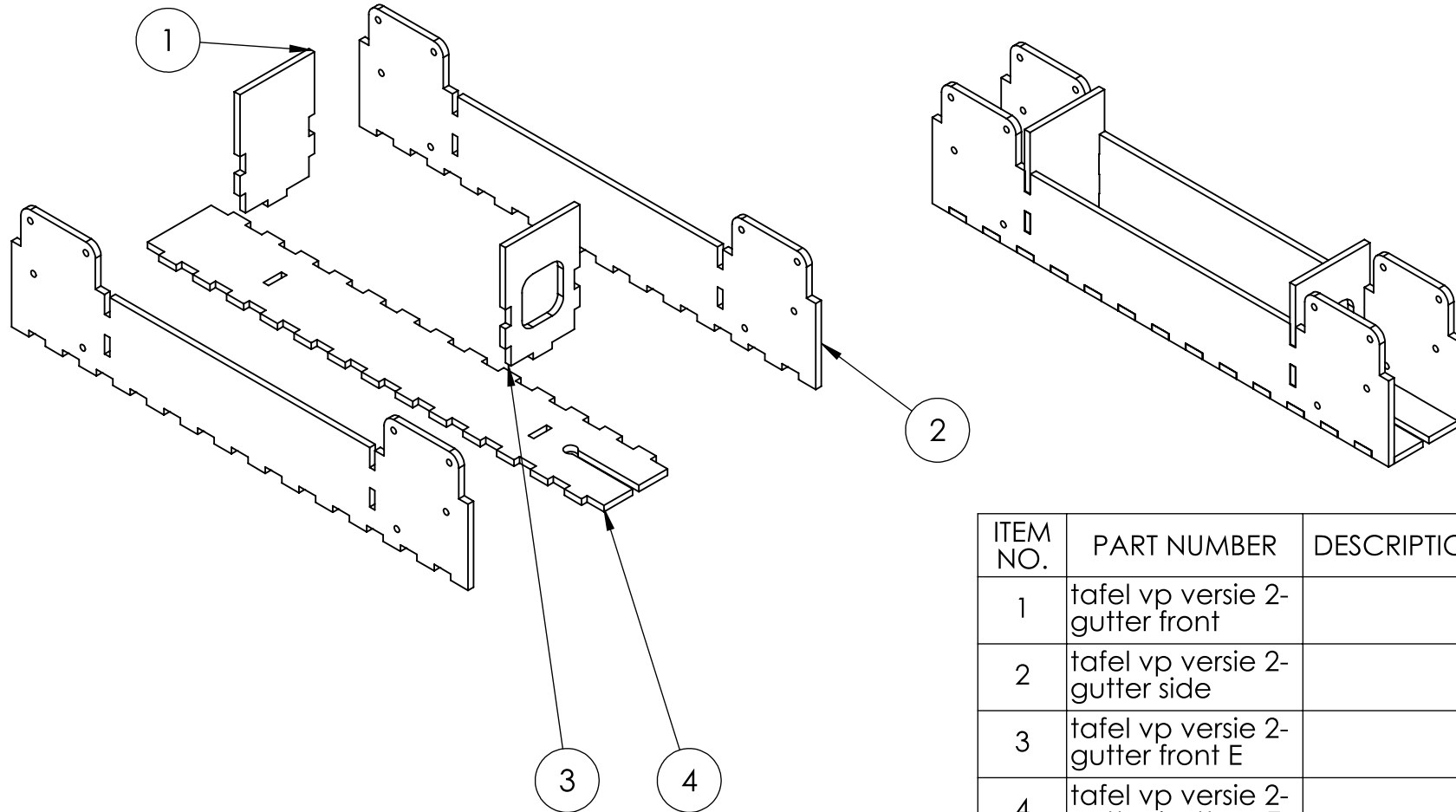
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		tafel vp versie 2-gutter front	1
2		tafel vp versie 2-gutter side	2
3		tafel vp versie 2-gutter front E	1
4		tafel vp versie 2-gutter bottom E	1

Make sure part 3 is placed near the cable slot.

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DRAWN			NAME		SIGNATURE		DATE		TITLE:		
CHK'D											
APPV'D											
MFG											
Q.A							MATERIAL:		DWG NO.		
									Gutter E		
									A4		
							WEIGHT:		SCALE: 1:5		
									SHEET 1 OF 1		

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Gutter E

A4

SCALE: 1:5

SHEET 1 OF 1

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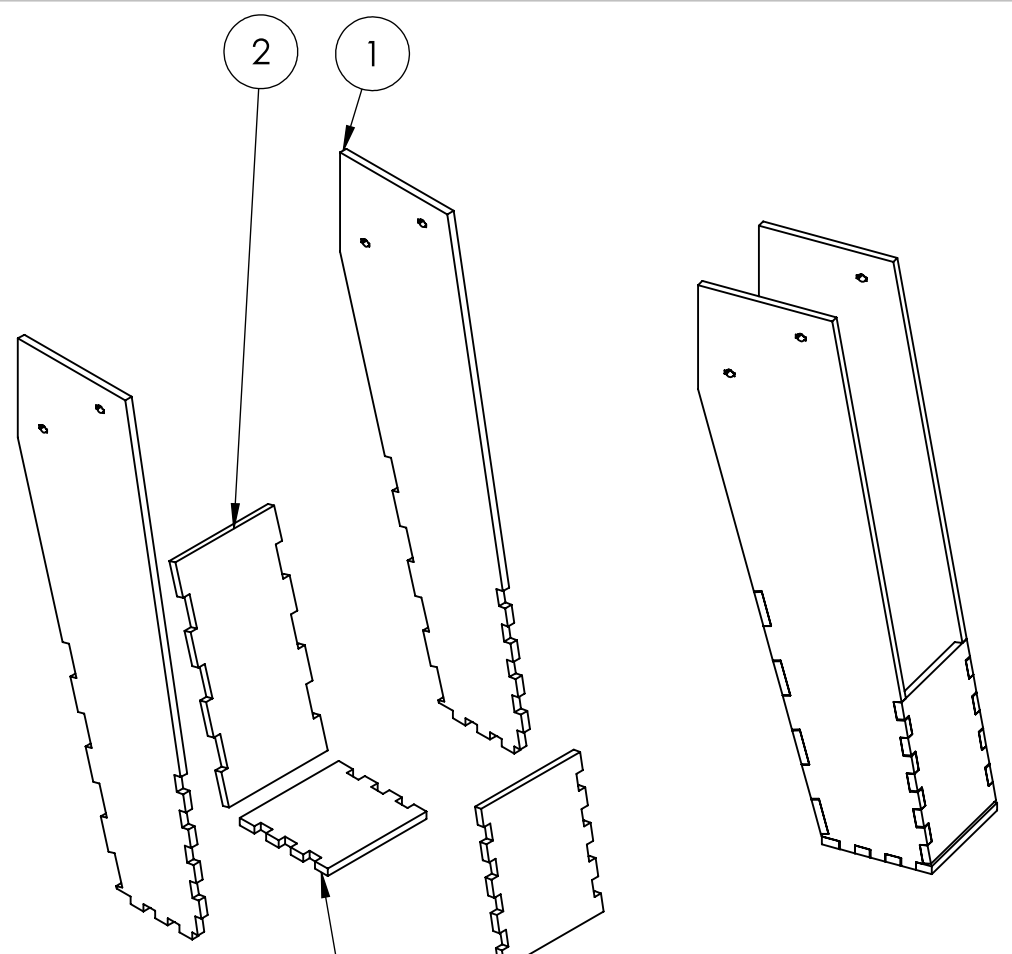
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		tafel vp versie 2- leg side	2
2		tafel vp versie 2- leg back	1
3		tafel vp versie 2- leg bottem	1
4		tafel vp versie 2- leg front	1

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	NAME	SIGNATURE	DATE			TITLE:					
DRAWN											
CHK'D											
APPV'D											
MFG											
Q.A					MATERIAL:	DWG NO.				A4	
						Leg					
					WEIGHT:	SCALE:1:5				SHEET 1 OF 1	

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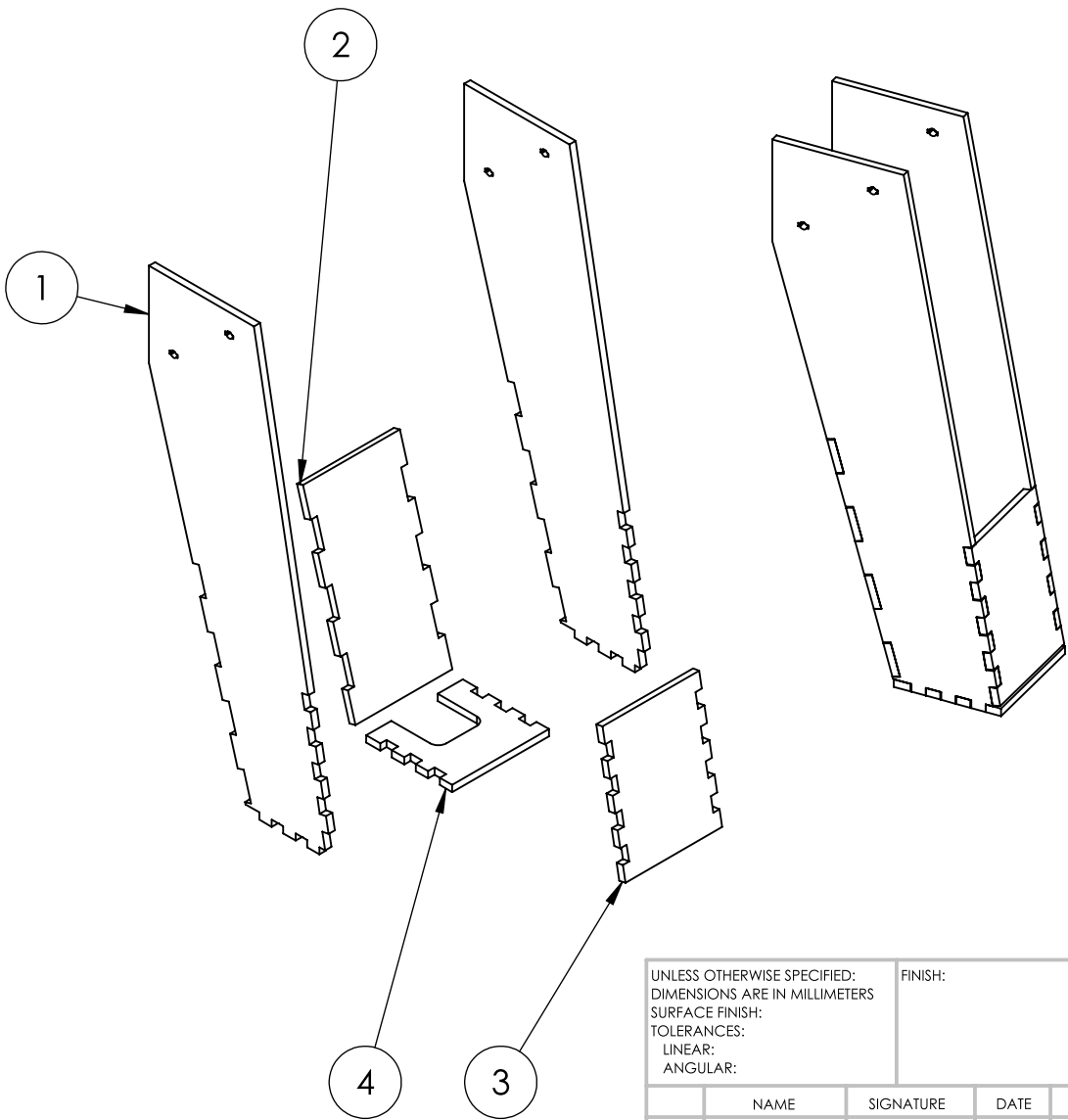
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		tafel vp versie 2-leg side	2
2		tafel vp versie 2-leg back	1
3		tafel vp versie 2-leg front	1
4		tafel vp versie 2-leg bottom E	1

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NAME	SIGNATURE	DATE		TITLE:	
DRAWN				DWG NO. Leg E A4	
CHK'D					
APPV'D					
MFG					
Q.A					
MATERIAL:			SCALE:1:5		
WEIGHT:			SHEET 1 OF 1		

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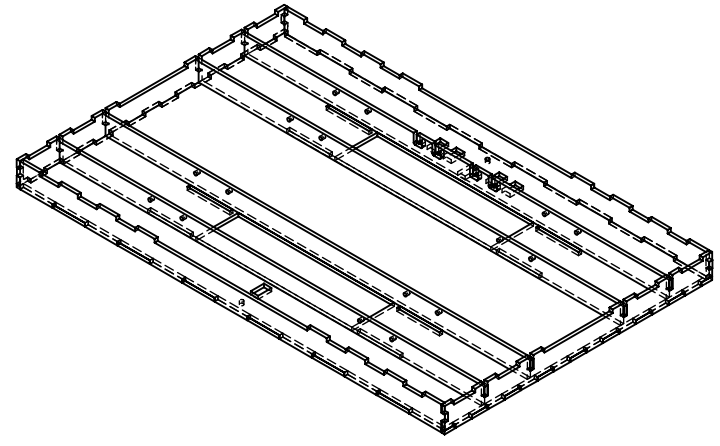
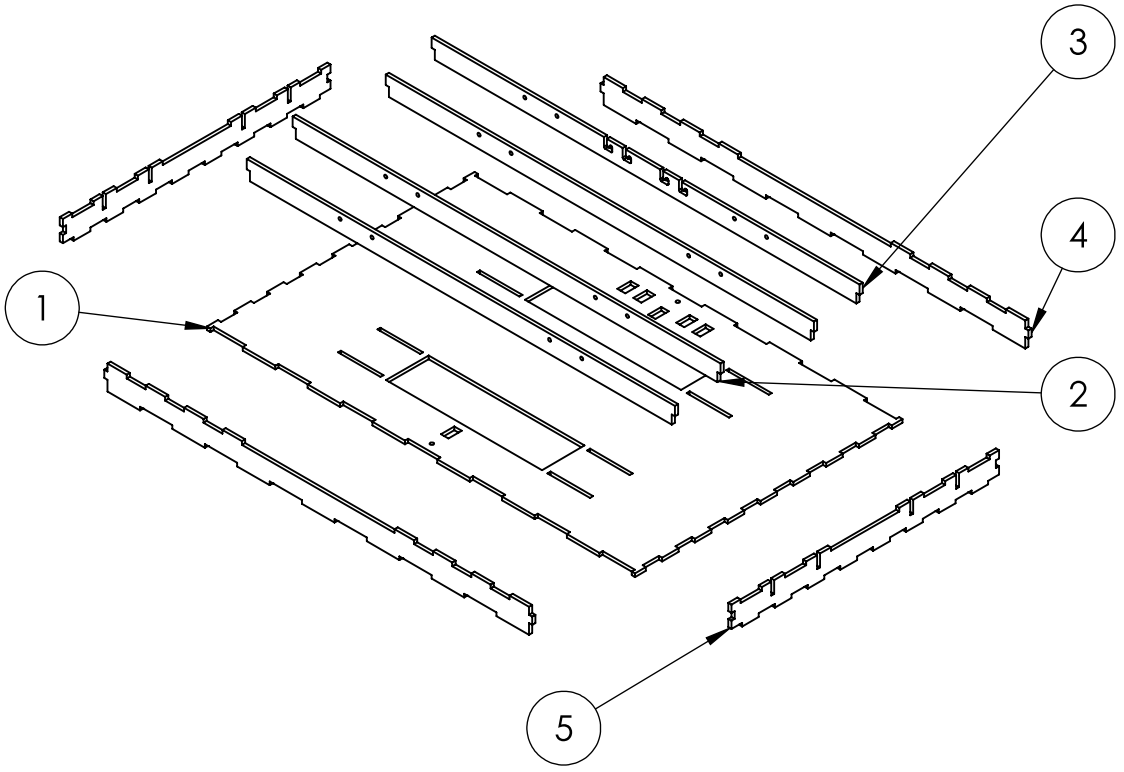
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		tafel vp versie 2-tabletop bottem	1
2		tafel vp versie 2-rib	3
3		tafel vp versie 2-rib E	1
4		tafel vp versie 2-topfront	2
5		tafel vp versie 2-topright	2

Place rib E near the square holes meant for the cables

Assemble the sides and fronts (5/6) first, then the ribs

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Q.A						MATERIAL:		DWG NO.		A4	
						WEIGHT:		SCALE:1:10		SHEET 1 OF 1	

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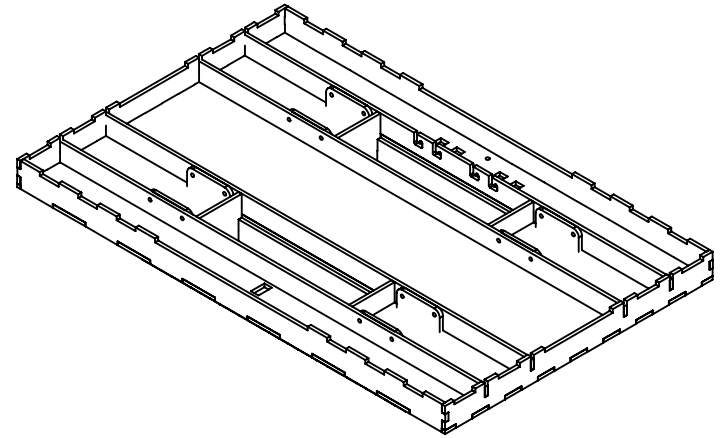
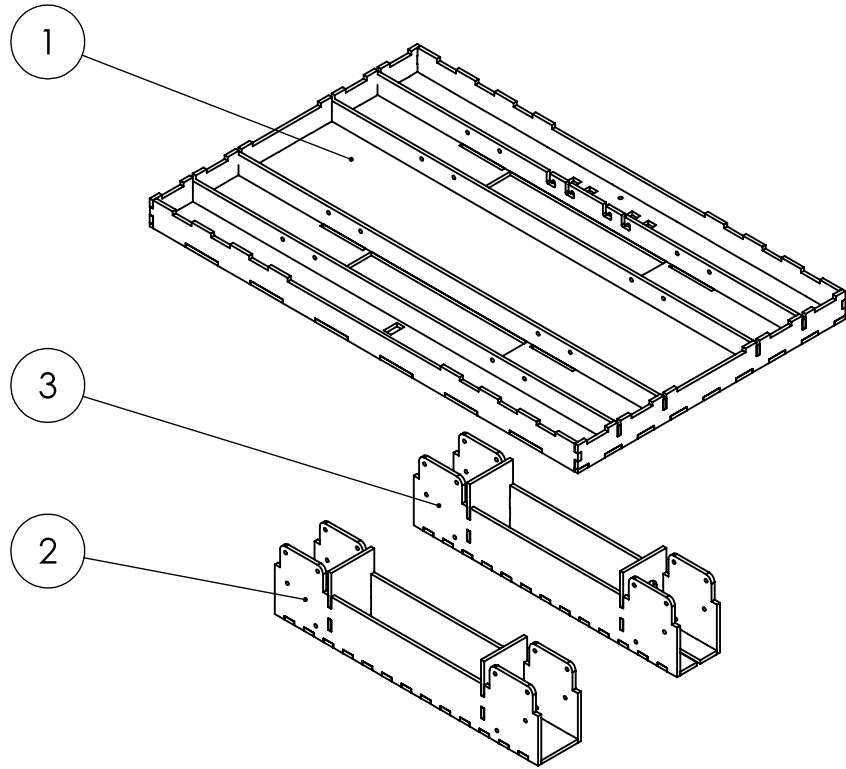
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	tabletop		1
2	Gutter		1
3	Gutter E		1

Make sure Gutter E (3) is on the side of the cable holes in the tabletop.

Glue the lips onto the gutters to the ribs and use the M6 bolts, washers and nuts to clamp them while the woodglue dries.

When the glue is dry, remove the M6 bolts, washers and nuts and glue the tabletop on top of the assembly

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DRAWN		NAME		SIGNATURE		DATE		TITLE:	
CHK'D									
APPV'D									
MFG									
Q.A						MATERIAL:		DWG NO.	
								tabletop+gutters A4	
						WEIGHT:		SCALE:1:10	
								SHEET 1 OF 1	

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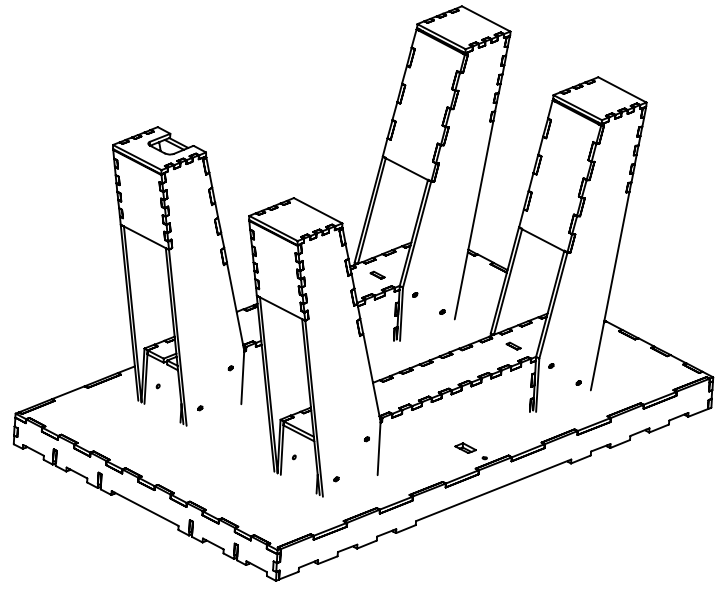
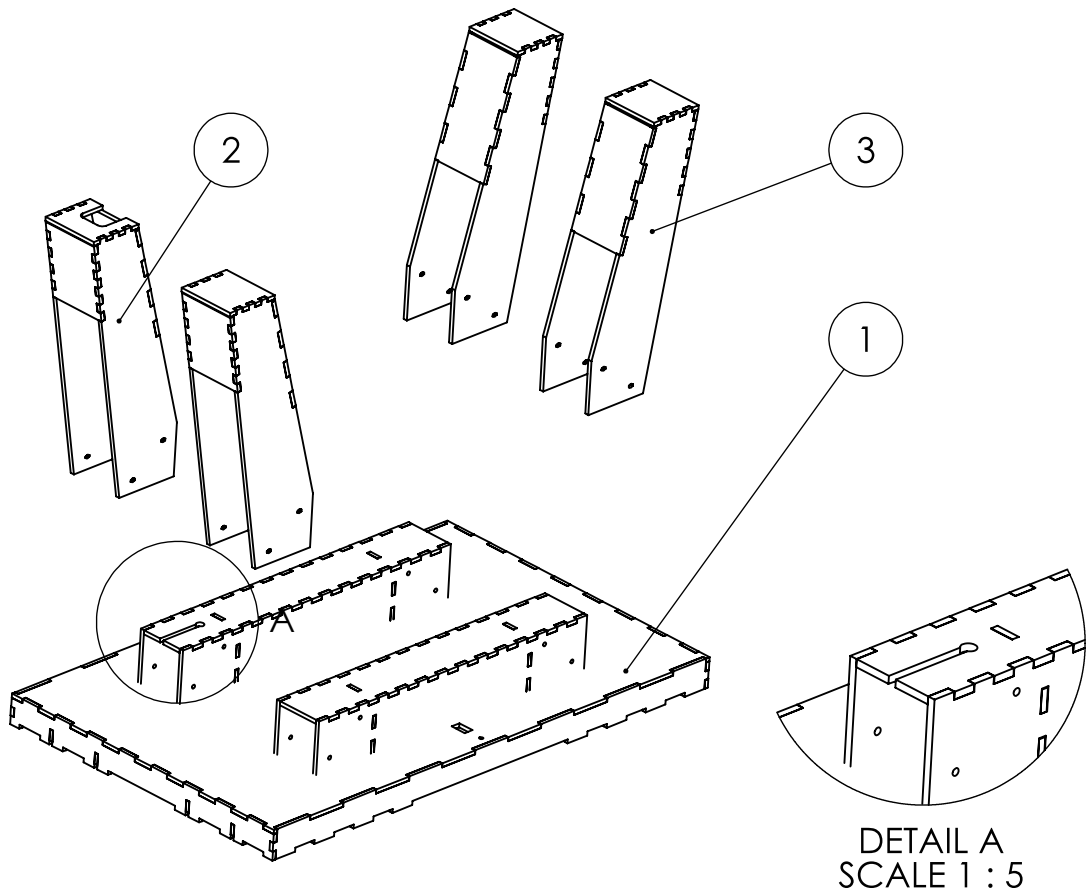
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DETAIL A
SCALE 1 : 5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	tabletop + gutters		1
2	Leg E		1
3	Leg		3

Make sure the leg E is attached on the gutter near the cable hole. (detail A)

Glue the legs onto the gutters. Use the M6 bolts, washers and nuts to clamp the legs to the gutter while the woodglue dries.

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DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D											
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MFG											
Q.A								MATERIAL:		DWG NO.	
										tabletop+legs	
								WEIGHT:		SCALE:1:10	
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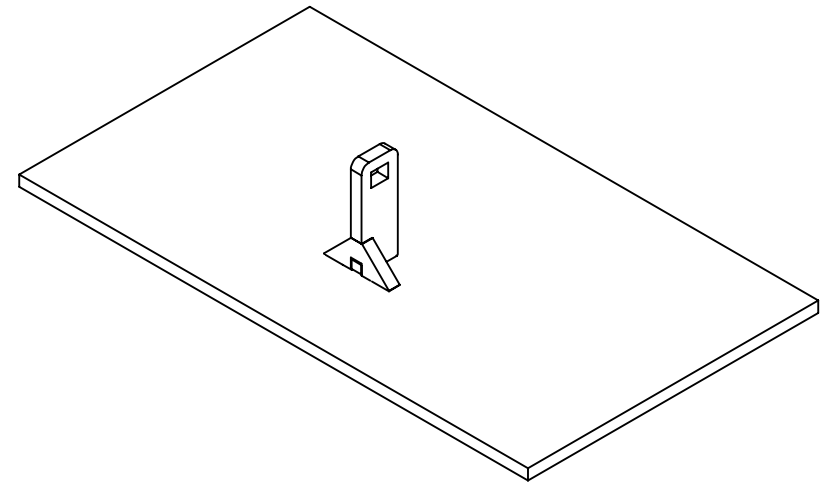
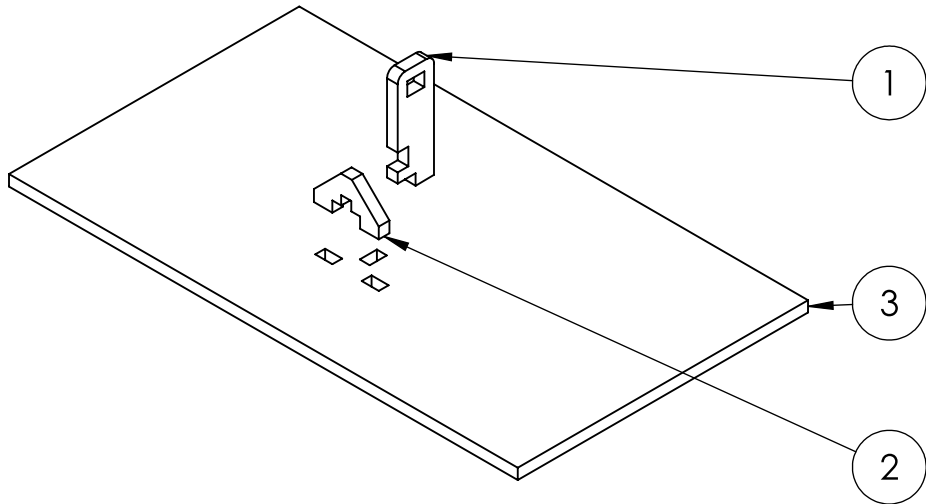
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		tafel vp versie 2-latch receiver	1
2		tafel vp versie 2-latch receiver bracket	1
3		tafel vp versie 2-lid top	1

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DRAWN			SIGNATURE			DATE			TITLE:		
CHK'D											
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MFG											
Q.A						MATERIAL:			DWG NO.		A4
									lid tabletop		
						WEIGHT:			SCALE:1:3		SHEET 1 OF 1

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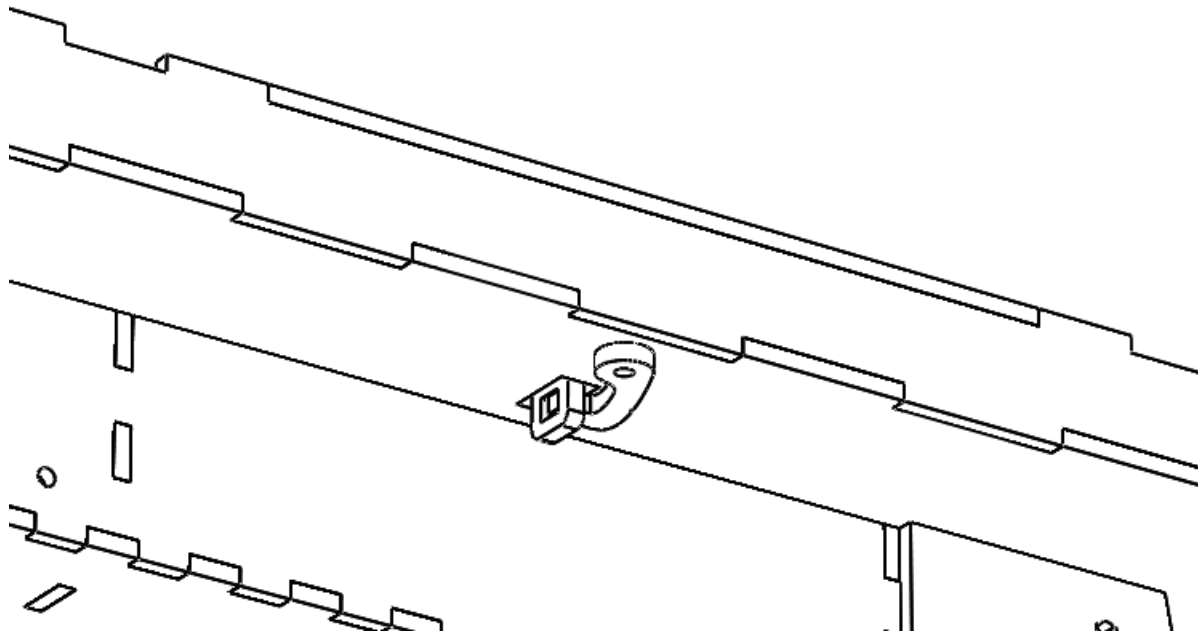
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Almost done!

- * Paint the table, lid and latch seperatly with primer to make it water resistant.
- * Now paint it in your desired colour, or multiple colours if you want to mix it up.
- * Use one of the M6 bolts to attach the latch underneath the table, see picture below. This latch will help to keep the lid on place. Make sure the latch can still rotate.
- * Celebrate that your table is done and show it off to your friends.



Enjoy
using
this
table!

cut three equal parts of 1150x810

