# open design manual social furniture by: EOOS

This is an excerpt of the catalog Social Furniture by: EOOS which was published on the occasion of the exhibition "Places for People" in the Austrian Pavilion at the 15th International Architecture Exhibition La Biennale di Venezia, 2016

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www.buchhandlungwalther-koenig.de

#### dear users!

This is a handbook for building Social Furniture. It is intended for all those who want to create collective spaces of action with functional and well-designed furniture but have little money or specialist knowledge in furniture construction. Social Furniture establish spaces of communal use for living, cooking, and working together. In this context EOOS shares their knowledge with all those who don't want it for commercial purposes. Everything you need to know in order to personally build furniture for communities can be found in this catalog. You are welcome to follow our instructions, to build and modify the furniture for your own use. But bear in mind, the liability for safety is also your own.

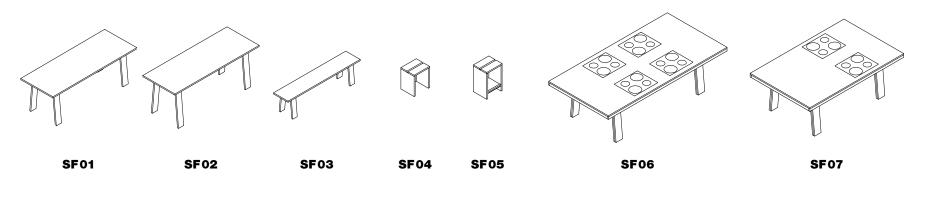
The objective of Social Furniture is to sketch out prototypes for alternative models of how we live and work together in the future. This project emerged from reflections on the spatial and social circumstances of basic care provisions for refugees. The spatial and qualitative deficits found there led to the catalog before you with 18 SF furniture elements designed to support community life in basic care quarters while facilitating new forms of common welfare work in a workshop or small shops at the same time. The SF furniture is conceived to be serially manufactured in on-site workshops. They are built from solid wood, so they are easy to repair and alter. It is our hope that the furniture will also enthuse many people outside of refugee aid projects. For example, common areas in house projects set up by building groups or also social housing would be welcome contexts for the further development of SF furniture and the underlying idea.

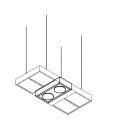
We would be delighted when our Social Furniture became catalysts in collective, sustainable, and alternative fields of action. The designs are open to change, enhancement, and personalization.

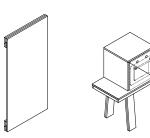
Please upload images of your Social Furniture on Instagram #SOCIALFURNITURE.

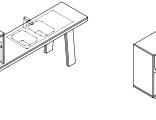
EOOS, 2016

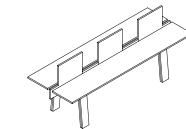
#### **SF** collection

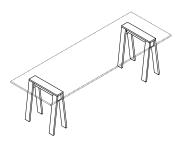














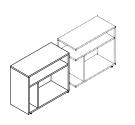
SF 10

SF09

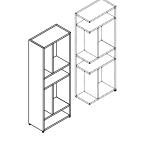
SF 11

SF 12

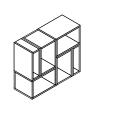
SF 13



SF 14

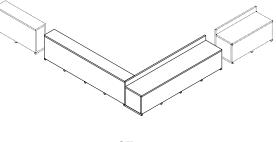


SF 15

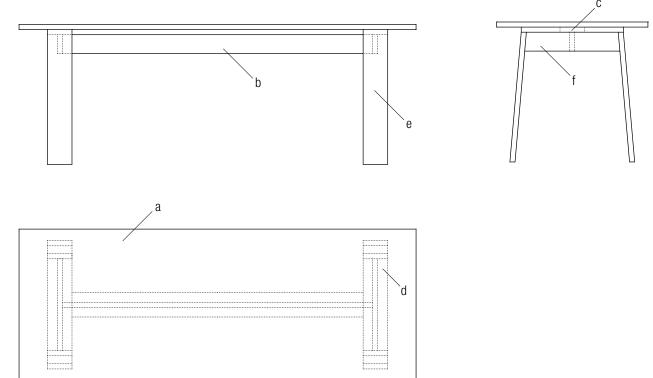


SF 16

SF 17



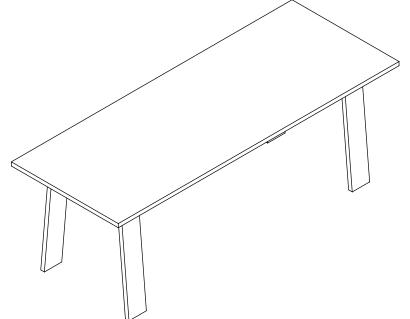
SF 18



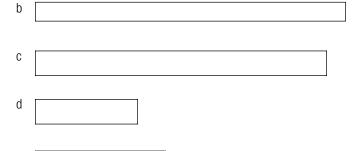
This design can be used as a working, dining, or meeting table. It accommodates three people comfortably on each long side with places at the heads of the table if desired. The bench (SF 03) or the low stool (SF 04) can be combined with the table. An adapted version with a 3-meter-long surface is also possible.

# **SF01** table

6–8 people L x W x H: 2100 x 800 x 740 mm Material quantity 2.64 m<sup>2</sup>









f \_\_\_\_\_ t⁄\*5°

No.	Size	Qty.
а	2100 x 800 mm	1
b	1640 x 100 mm	1
С	1540 x 130 mm	1
d	540 x 130 mm	2
е	690 x 130 mm	4
f	500 x 100 mm	2
SCI	rews Ø4 x 50 mm	69

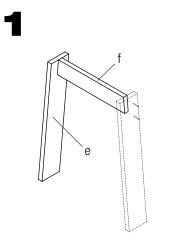


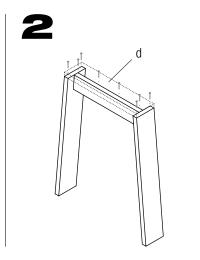


#### How to Build the Table Frames

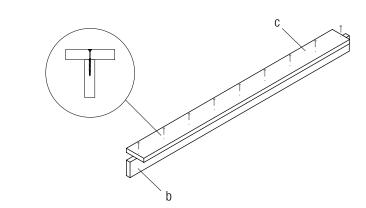
SF 01 SF 02

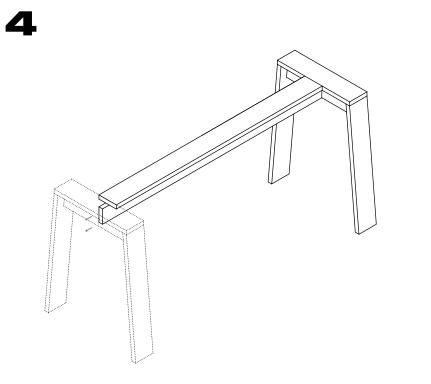




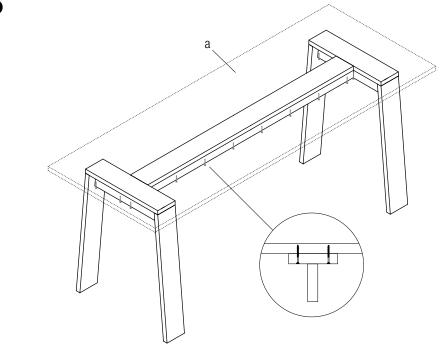


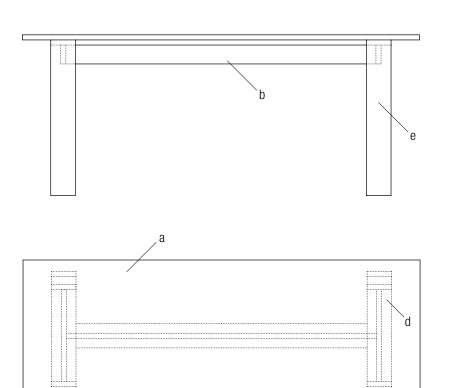
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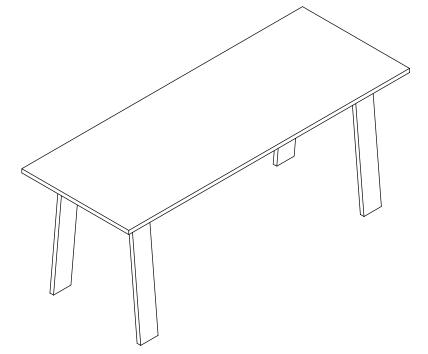




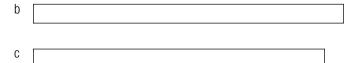
The construction method is identical to that of the SF 01 table. The table height of 850 mm was chosen to encourage interaction between seated and standing people. As it has the same height as the cooking tables, it can be docked beside them to temporarily expand the work surface for preparing food.

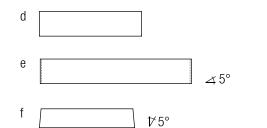


6–8 people L x W x H: 2100 x 800 x 850 mm Material quantity 2.70 m<sup>2</sup>









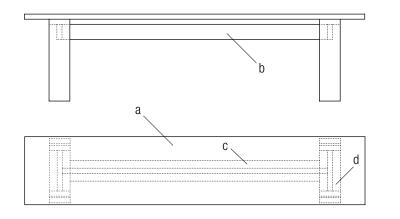
No.	Size	Qty.
а	2100 x 800 mm	1
b	1640 x 100 mm	1
С	1540 x 130 mm	1
d	540 x 130 mm	2
е	800 x 130 mm	4
f	500 x 100 mm	2
SC	rews Ø4 x 50 mm	69







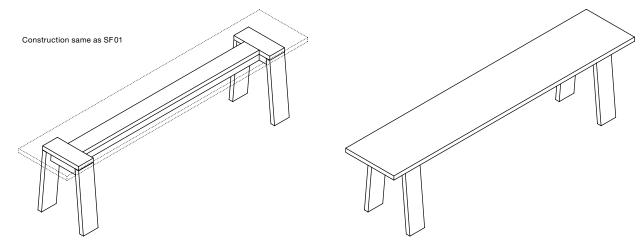
3 people L x W x H: 1800 x 380 x 460 mm Material quantity 2.18 m<sup>2</sup>



Here the construction method of the table is applied to the bench. The T-connection between the feet facilitates a deflection-free sitting surface for at least three people. Aligned with the dimensions of the table, SF 03 is also

well-suited for sunbathing in front of the house. In Alpine vernacular such a place is referred to as the "Bauernparlament": a "farmers' parliament" for commentary on local social activities.

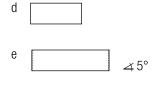
е





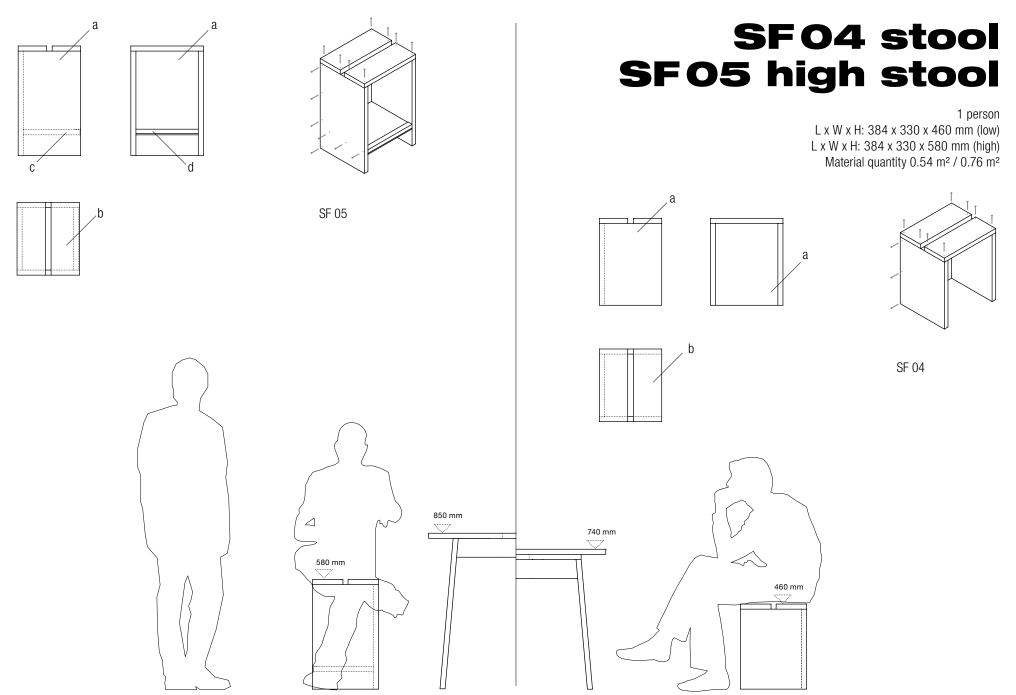


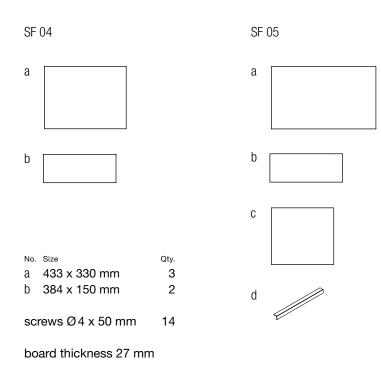




No.	Size	Qty.
а	1800 x 360 mm	1
b	1400 x 80 mm	1
С	1320 x 110 mm	1
d	270 x 110 mm	2
е	410 x 110 mm	4
f	230 x 80 mm	2
SCI	rews Ø4 x 50 mm	34









With a seat split into two boards, the stool is an easily transportable element.

The high stool has an extra horizontal panel at the bottom to support the foot. The edge of this footrest is protected by an aluminum bracket to prevent wear. The stool is dimensioned for use as a seat or as a standing aid.

No.	Size	Qty.
а	553 x 330 mm	3
b	384 x 150 mm	2
С	330 x 300 mm	1
d	L-profile aluminum	1
	24 x 24 x 3, 330 mm l	L

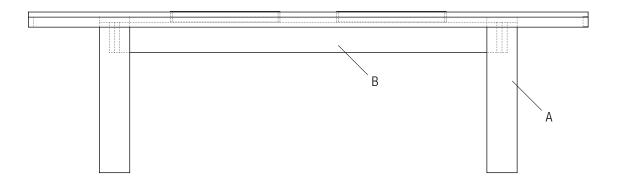
screws Ø4 x 50 mm 34

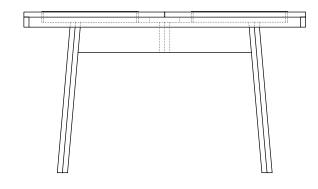


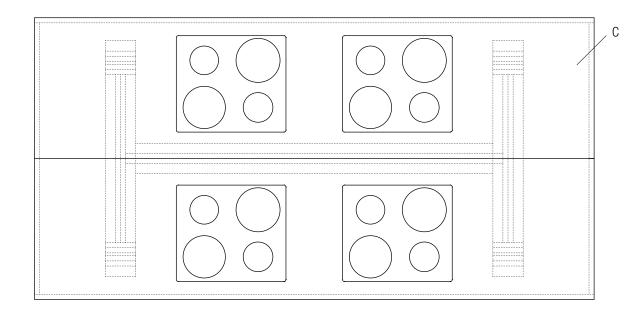
## SF06 cooking table

four cooking zones max. 40 people L x W x H: 2960 x 1490 x 850 mm Material quantity 7.83 m<sup>2</sup>

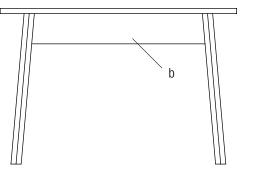


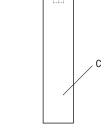


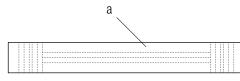




The cooking table has a massive substructure created by doubling the boards. It is intended to stand freely in space so that many people can gather around it, cooking and preparing food. It forms a collective hearth, stimulating communication and exchange among users. In infrastructural planning for basic care one cooking zone is provided per 10 people.



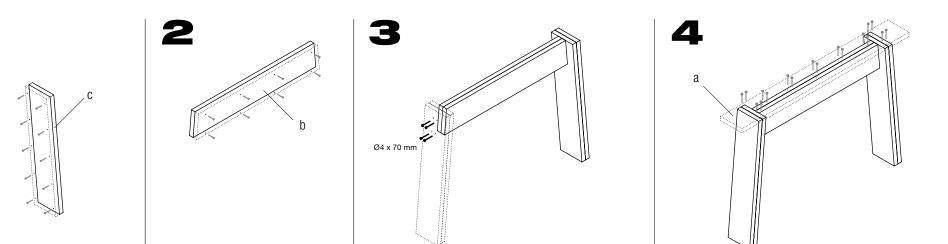




а	
b	[ ⊅′5°
С	<u>م</u> 5°

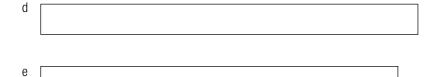
No.	Size	Qty.
а	1250 x 160 mm	2
b	917 x 160 mm	4
С	800 x 160 mm	8
SCI	rews Ø4 x 50 mm	46
SCI	rews Ø4 x 70 mm	16

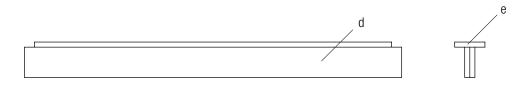
board thickness 27 mm



А

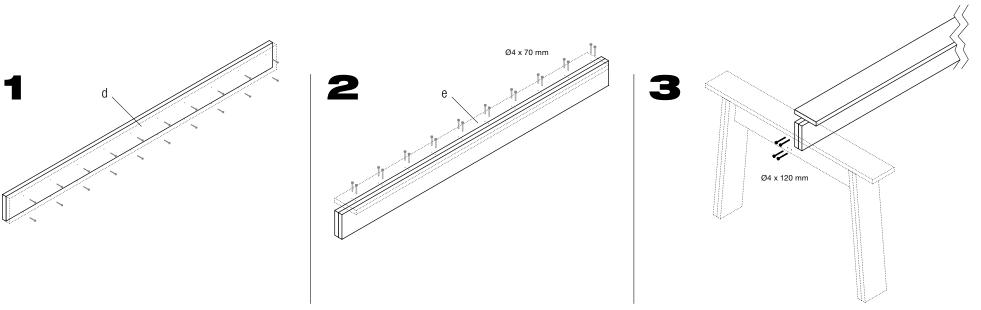
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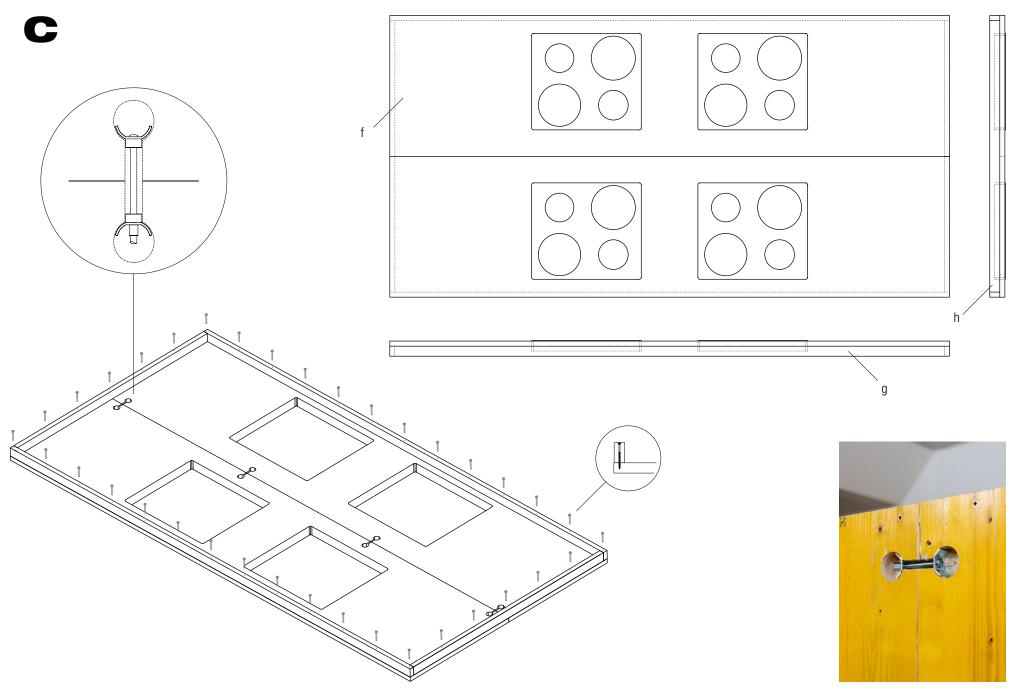


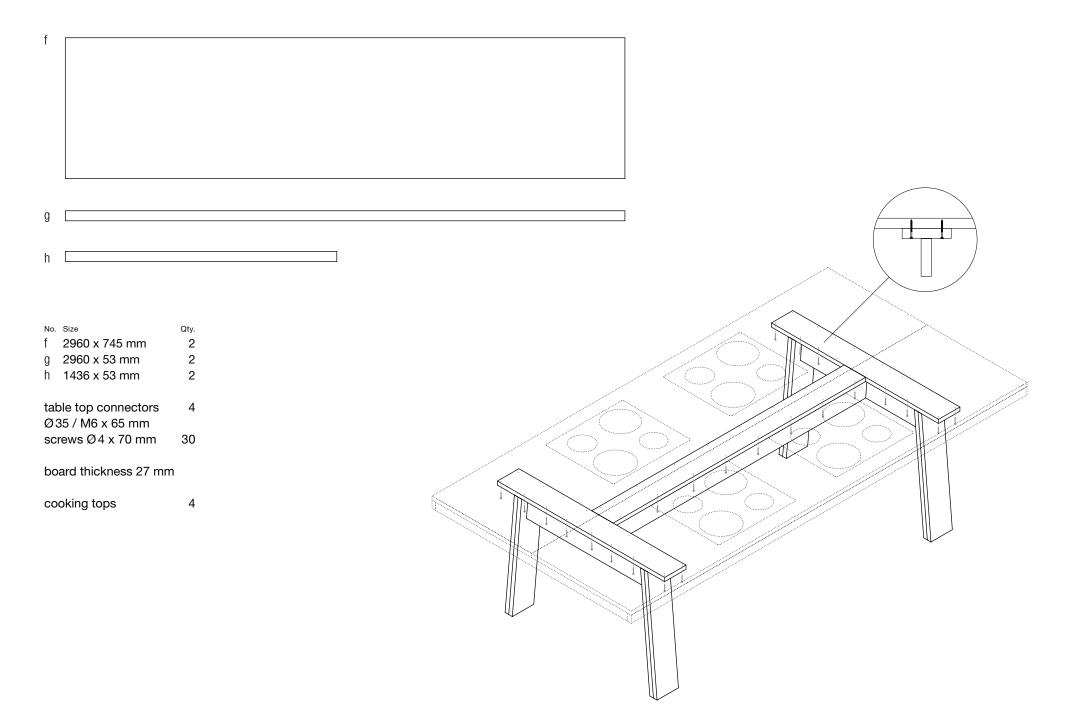




No. Size	Qty.
d 1995 x 160 mm	2
e 1889 x 160 mm	1
screws Ø4 x 50 mm	20
screws Ø4 x 70 mm	20
screws Ø5 x 120 mm	8



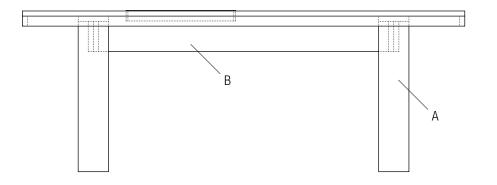


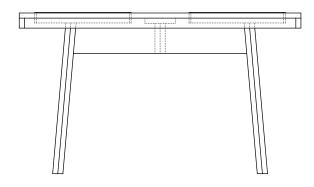


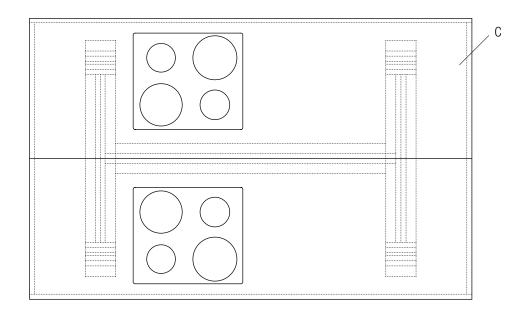
## SF07 cooking table

two cooking zones max. 20 people L x W x H: 2340 x 1490 x 850 Material quantity 6.62 m<sup>2</sup>

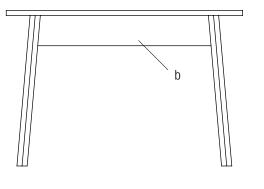




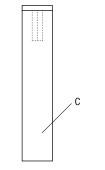


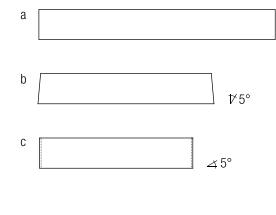


Identical construction as SF 06. The dimensions of the cooking table are prescribed for smaller spaces where, for example, it can be positioned with the head of the table against a wall by a window, thus simplifying electrification. It is important to provide sufficient space on the other three sides. In infrastructural planning for basic care one cooking zone is provided per 10 people.



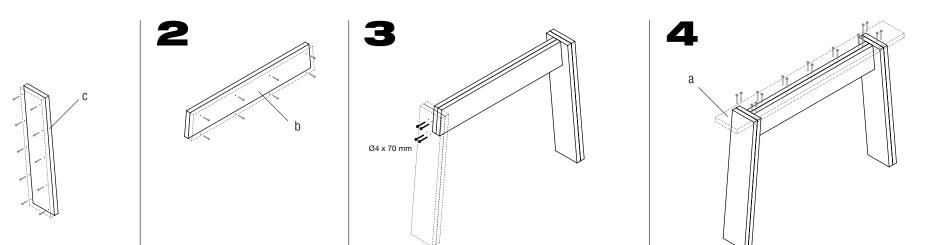
а





No.	Size	Qty.
а	1250 x 160 mm	2
b	917 x 160 mm	4
С	800 x 160 mm	8
	rews Ø4 x 50 mm rews Ø4 x 70 mm	46 16

board thickness 27 mm

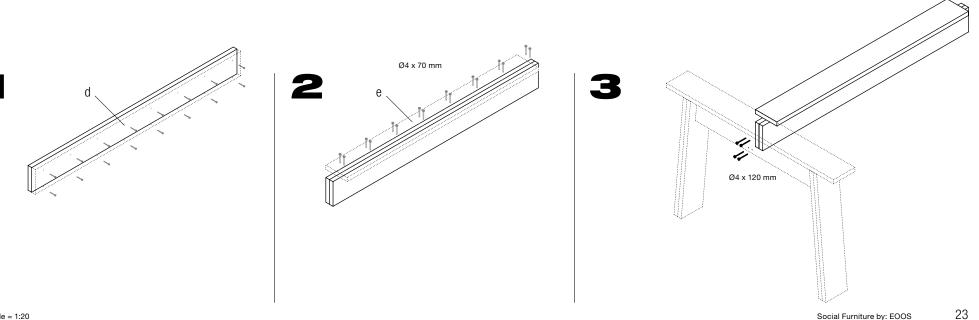


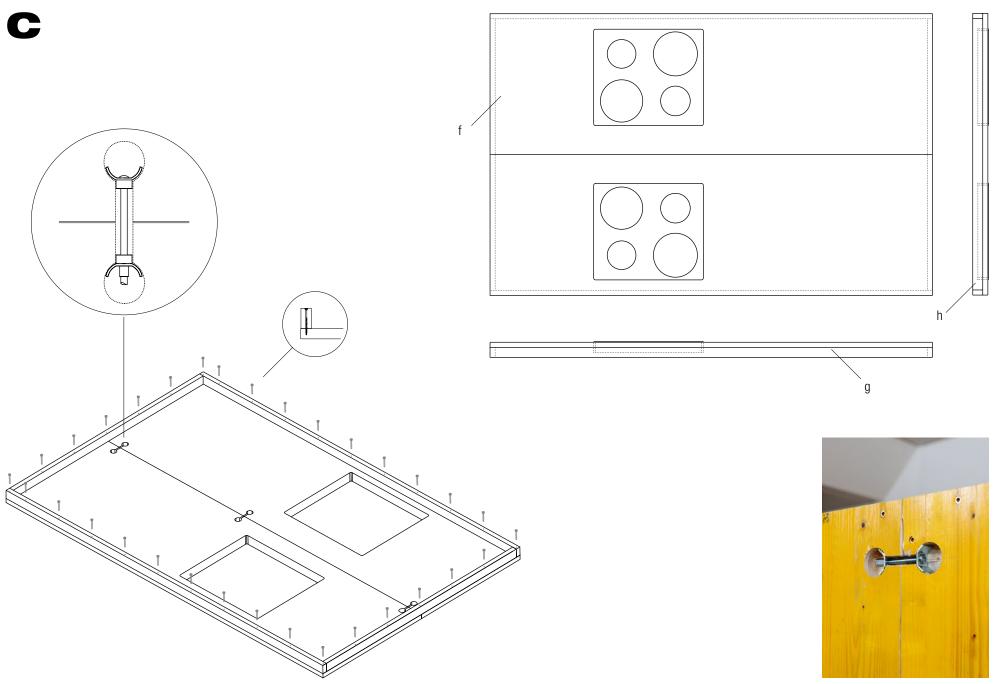
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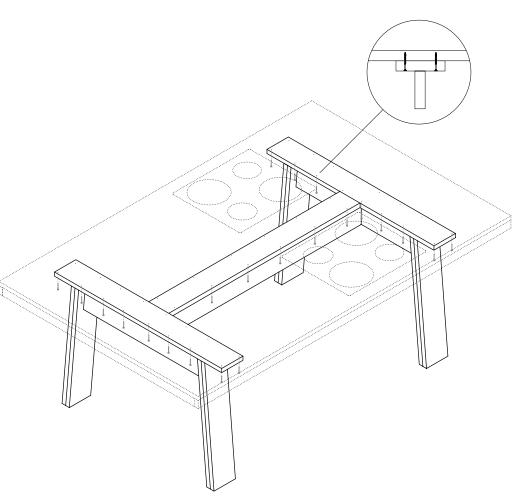
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B d е е d No. Size Qty. d 1536 x 160 mm 2 e 1430 x 160 mm 1 screws Ø4 x 50 mm 16 screws Ø4 x 70 mm 16 \_\_\_\_ screws Ø5 x 120 mm 8



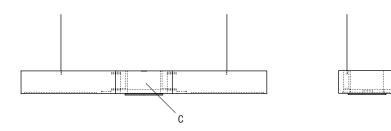


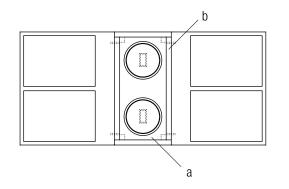
g			
h [			
	Qty.		
f 2340 x 745 mm	2		
f 2340 x 745 mm g 2340 x 53 mm			
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm	2 2 2		
g 2340 x 53 mm h 1436 x 53 mm table top connectors	2 2		
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm table top connectors Ø 35 / M6 x 65 mm	2 2 2		
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm table top connectors Ø 35 / M6 x 65 mm screws Ø 4 x 70 mm	2 2 3 30		
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm table top connectors Ø 35 / M6 x 65 mm screws Ø 4 x 70 mm	2 2 3 30		
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm table top connectors Ø 35 / M6 x 65 mm screws Ø 4 x 70 mm board thickness 27 mn	2 2 3 30 n		
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm	2 2 3 30		
f 2340 x 745 mm g 2340 x 53 mm h 1436 x 53 mm table top connectors Ø 35 / M6 x 65 mm screws Ø 4 x 70 mm board thickness 27 mn	2 2 3 30 n		

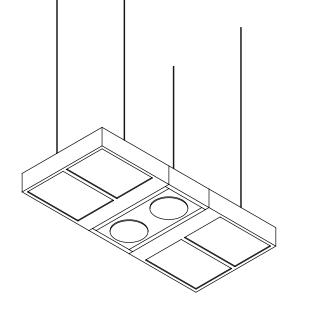


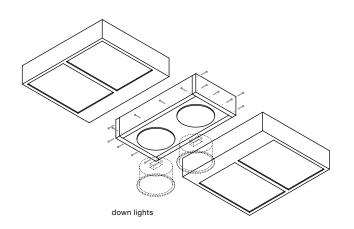


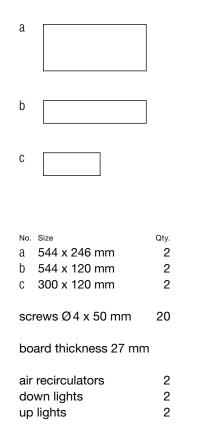
for two cooking zones L x W x H: ca. 1300 x 598 x 120 mm Material quantity 0.47 m<sup>2</sup>





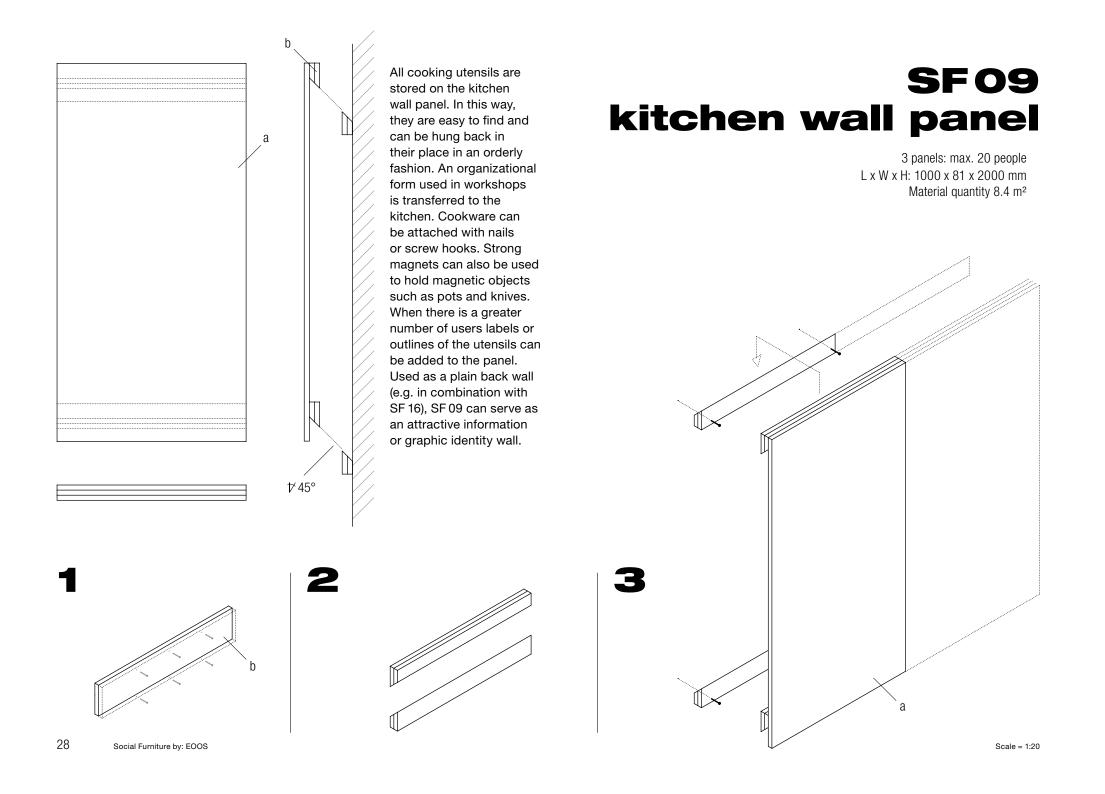




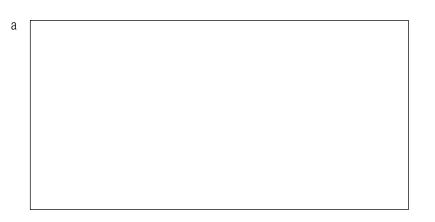




The air recirculation element consists of two standard cubic air recirculators connected together by a central box. The height of the box can be coordinated with the recirculators. Depending on the usage context, up and/or down lights can be integrated into the central element. The system is suspended by steel cables via the anchor points on the recirculators.









# b

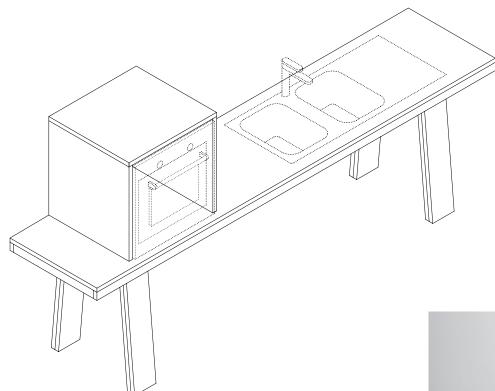
#### 1 panel

No.	Size	Qty.
а	2000 x 1000 mm	1
b	1000 x 200 mm	4
SCI	rews Ø4 x 50 mm	20

board thickness 27 mm

various amount of nails, screws, hooks, or magnets

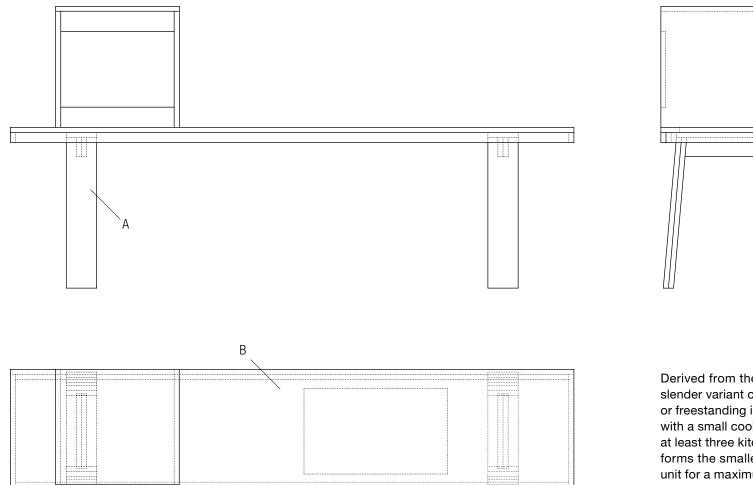
material for wall connection



# SF 10 sink & oven table

L x W x H: 2980 x 650 x 850 mm Material quantity 5.32 m<sup>2</sup>

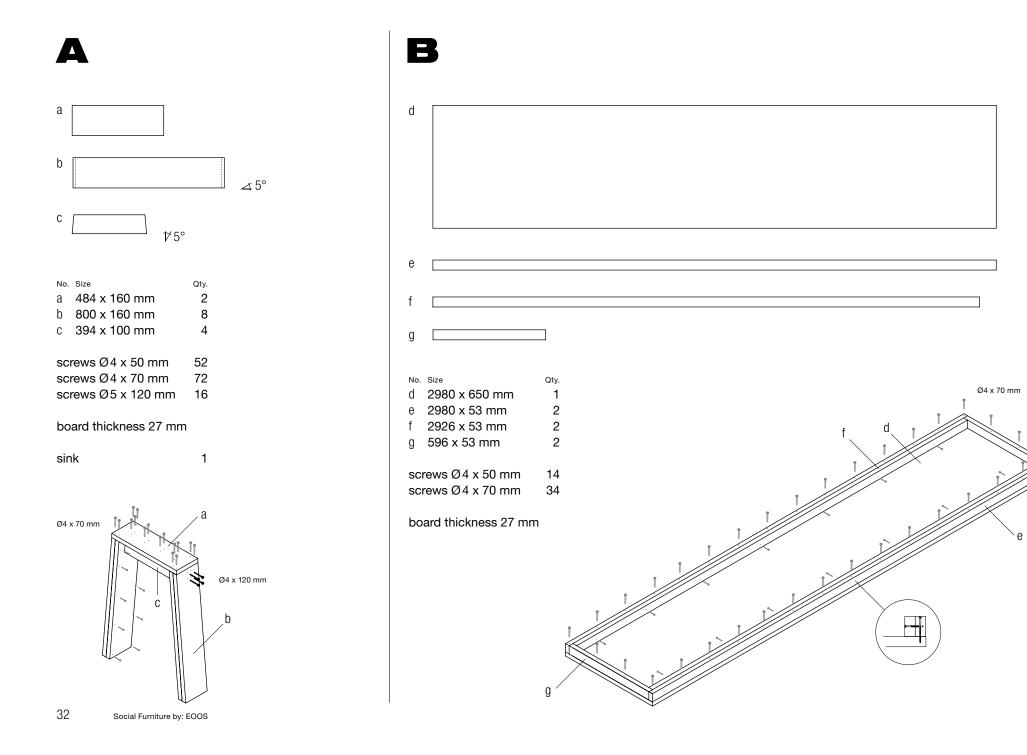


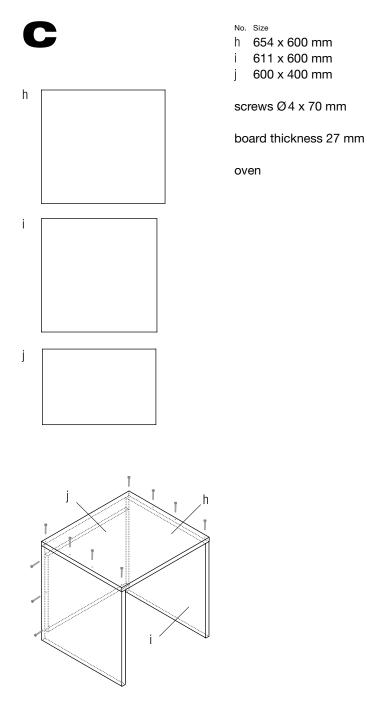


Derived from the cooking table, this slender variant can be used along a wall or freestanding in space. SF 10 together with a small cooking table (SF 07) and at least three kitchen wall panels (SF 09) forms the smallest collective cooking unit for a maximum of 20 people. However, this model can also be utilized in larger kitchens as a standalone sink table or with a number of oven elements.

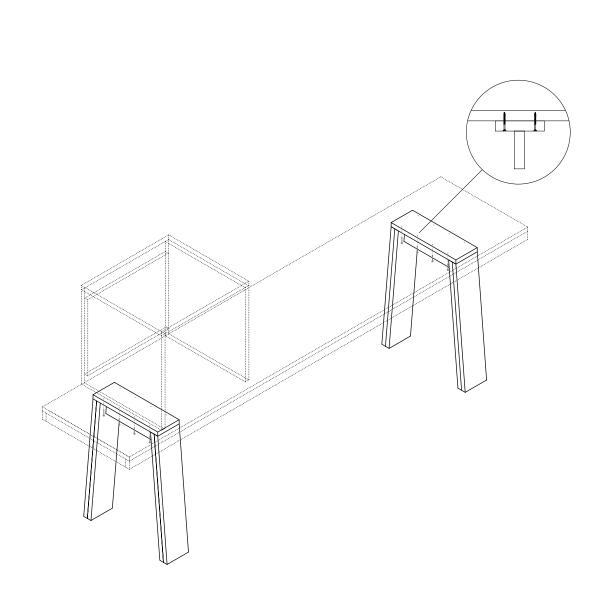
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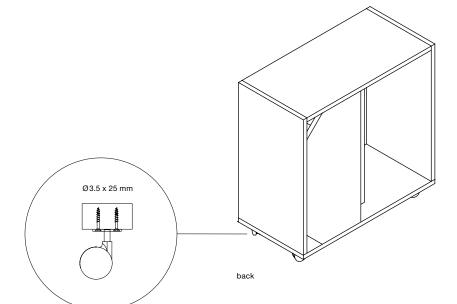
Qty.

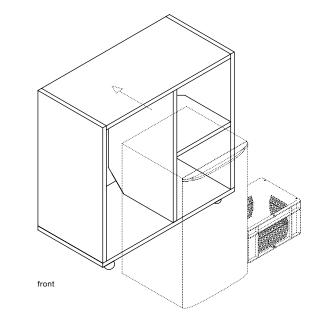


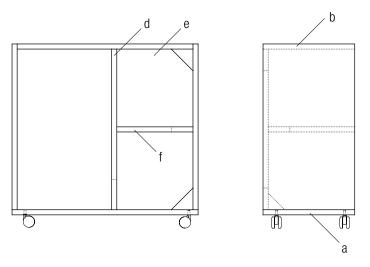


2 people L x W x H: 984 x 485 x 904 mm Material quantity 2.72 m<sup>2</sup>

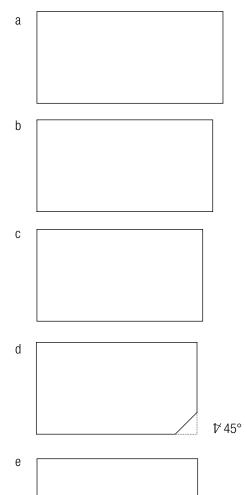
When a refrigerator is a common domain it can often lead to conflicts. The element proposed here is designed for up to two people and can be set up in a sleeping area, for instance. Two shelves, each with a smaller and a bigger baker crate, provide space for personal dishes and groceries. Along with a hotplate, an electric kettle, and/ or a coffee machine it becomes a mobile mini-kitchen. For parties a number of such elements can be arranged into a bar. The element can be moved in its entirety into the kitchen to cook, or one can simply use the baker crates to transport items.



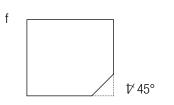








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No.	Size	Qty.
а	984 x 485 mm	1
b	930 x 485 mm	1
С	877 x 485 mm	2
d	850 x 485 mm	1
е	850 x 403 mm	1
f	458 x 403 mm	1

45° cut angle, 115 x 115 mm (d, e, f)

screws Ø4 x 50 mm 25 screws Ø 3.5 x 25 mm 16



board thickness 27 mm

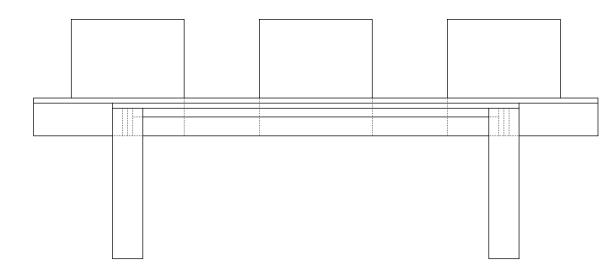




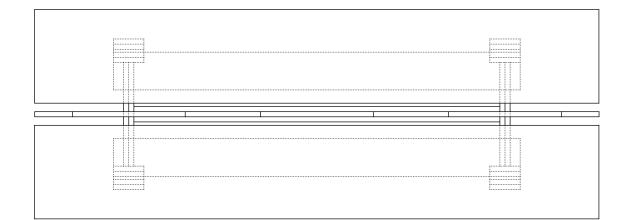
## SF 12 computer table

6 people L x W x H: 2985 x 1107 x 850 mm Material quantity 6.7 m<sup>2</sup>

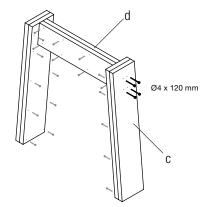


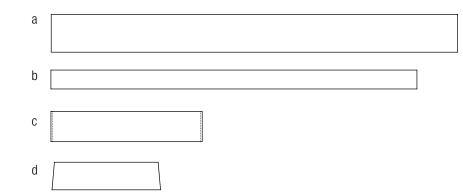






A working table for six computer work stations, which here in the high form facilitates communicative work. In this case, the three vertical panels hold and structure the monitors without supporting pedestals. The cables are put in the gap in the middle of the table. The design can also be realized with a normal table height. The back panel element can also be continuous or omitted altogether. By expanding the table depth a standardized permanent work station can be created.





No.	Size	Qty
а	2150 x 200 mm	2
b	1936 x 100 mm	2
С	800 x 160 mm	8
d	484 x 160 mm	2
sci	rews Ø4 x 50 mm	50
SCI	rews Ø4 x 70 mm	24
201	rews Ø5 x 120 mm	24

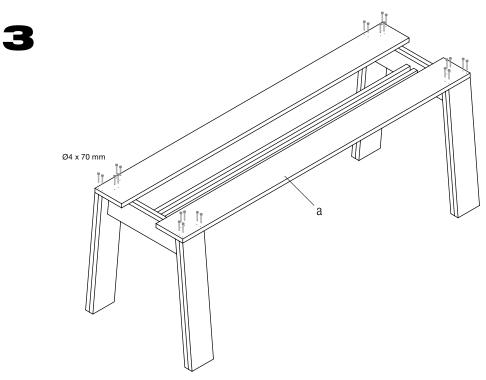


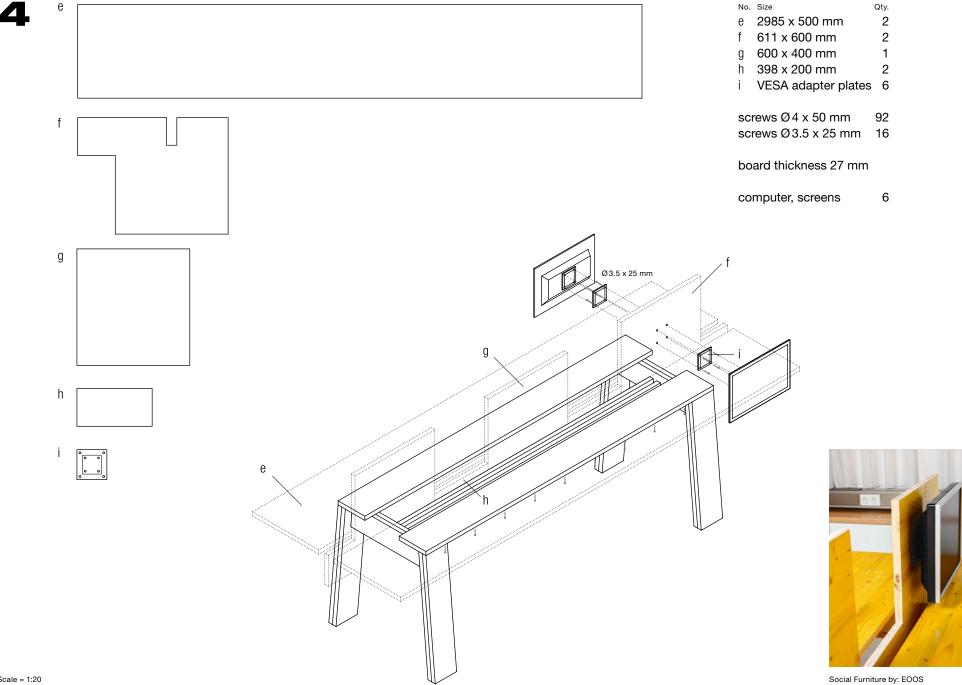
1



Ø4 x 120 mm

b

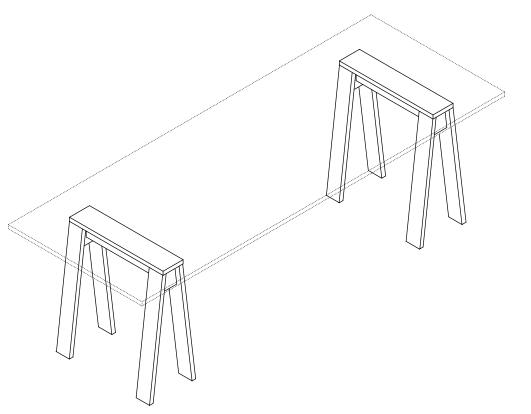


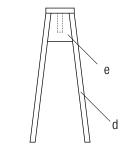


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# SF13 workshop trestles

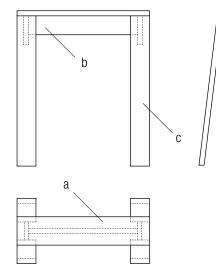
L x W x H: 700 x 345 x 710 mm (low) L x W x H: 700 x 345 x 820 mm (high) Material quantity (one pair) 0.96 m<sup>2</sup> / 1.04 m<sup>2</sup>



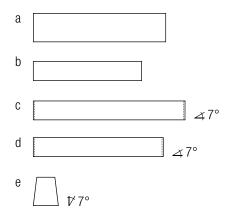


е

С



The main idea of the SF collection is the collective self-building of furniture. Both high and low trestles are used for workshop tables. The size of the work surface is flexible. The trestles are also suited as temporary tables at parties to serve and eat food, used in combination with the bench SF 03. The trestles can be stacked into each other to save space.



### 1 pair

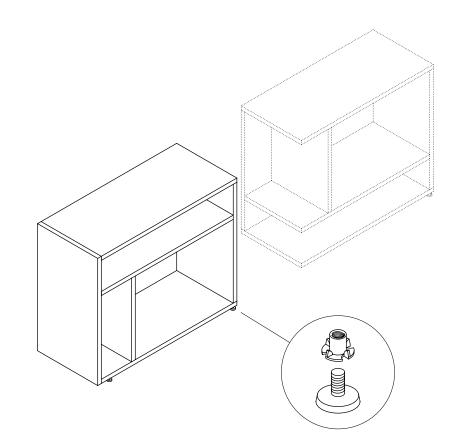
No.	Size	Qty.			
а	700 x 150 mm	2			
b	573 x 100 mm	2			
С	800 x 100 mm (high)	8			
d	690 x 100 mm (low)	8			
е	150 x 132 mm	4			
screws Ø4 x 50 mm 40					

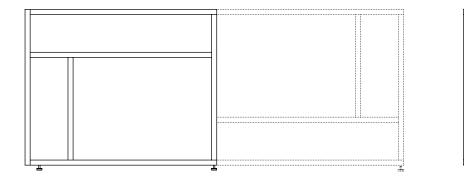
board thickness 27 mm





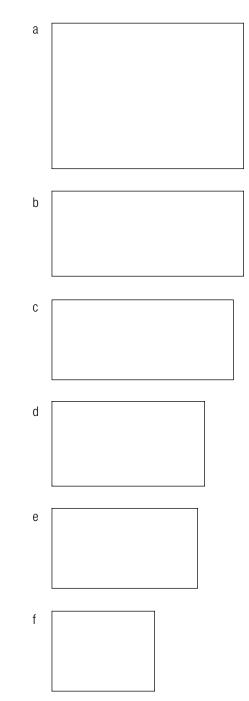
L x W x H: 1015 x 450 x 825 mm Material quantity 2.98 m<sup>2</sup> per element + side panel d





The shop counter consists of add-on elements with a variable length depending on the function. Together with the SF 15 shelf element you can create a shop or even a bar setting (with lighting). The side with the shelves can be oriented to the outside as a display or inside for functional purposes.

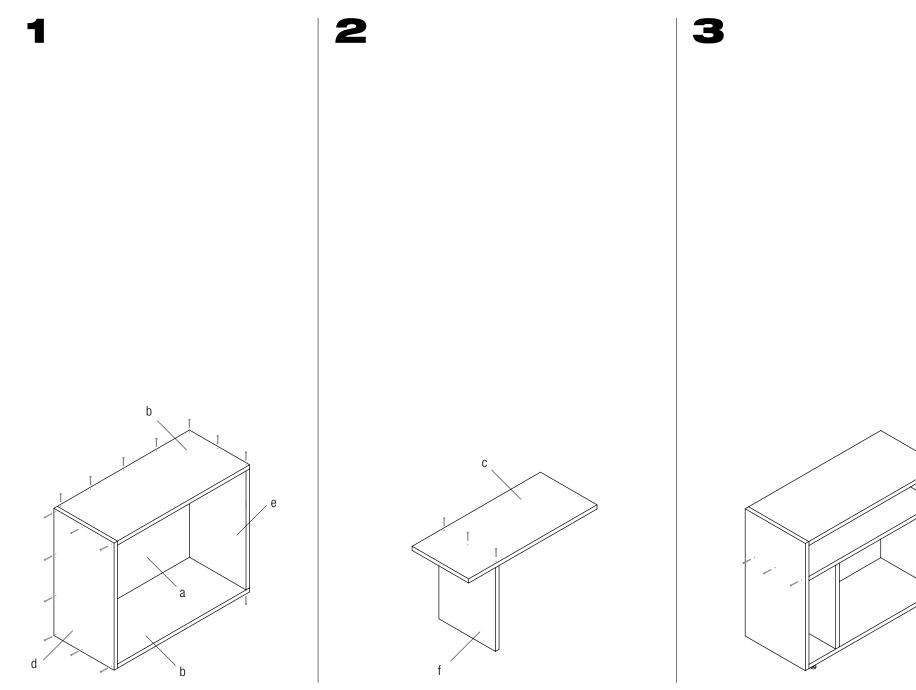


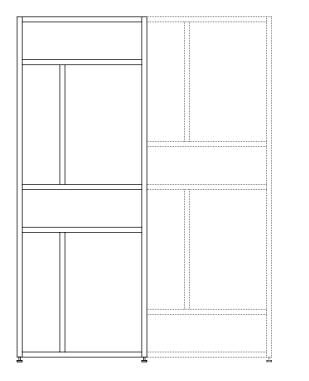


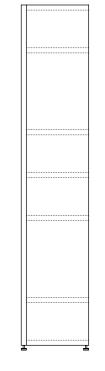
No	Size	Otv		
INO.	0.20	Qty.		
а	987 x 770 mm	1		
b	987 x 450 mm	2		
С	960 x 423 mm	1		
d	824 x 450 mm	1		
е	770 x 423 mm	1		
f	543 x 423 mm	1		
SC	screws Ø4 x 50 mm			
fur	niture feet	4		

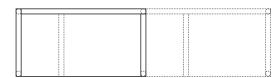
board thickness 27 mm





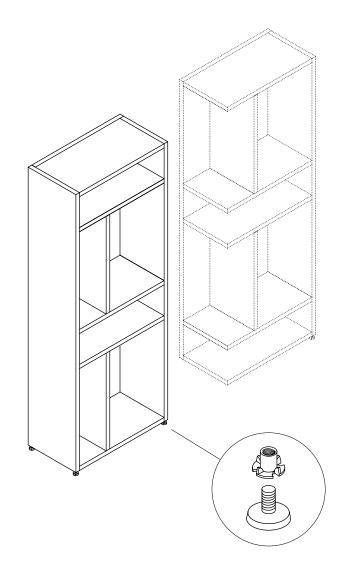






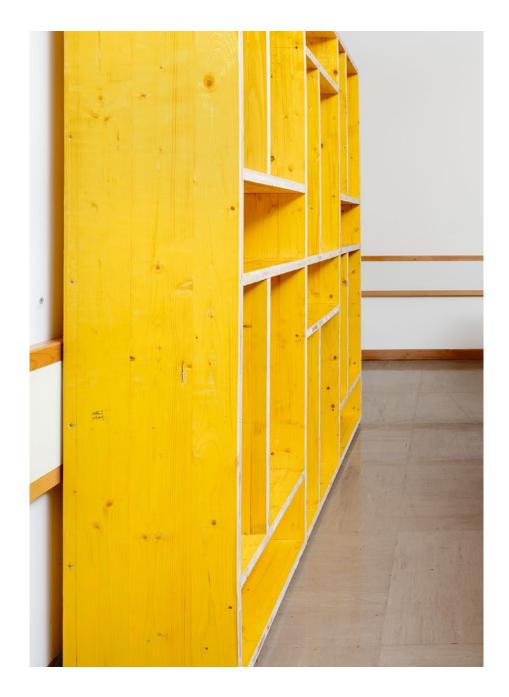


 $L \ x \ W \ x \ H: \ 687 \ x \ 357 \ x \ 1800 \ mm \\ Material \ quantity \ 3.65 \ m^2 \ per \ element \ + \ side \ panel \ b$ 



Add-on shelving with a sculptural effect. Can be employed as a standalone object or also in combination with the shop counter SF 14 as a functional element. Positioned against a wall or freestanding. Additional glass or wood shelves can be inserted to optimize the use of space.







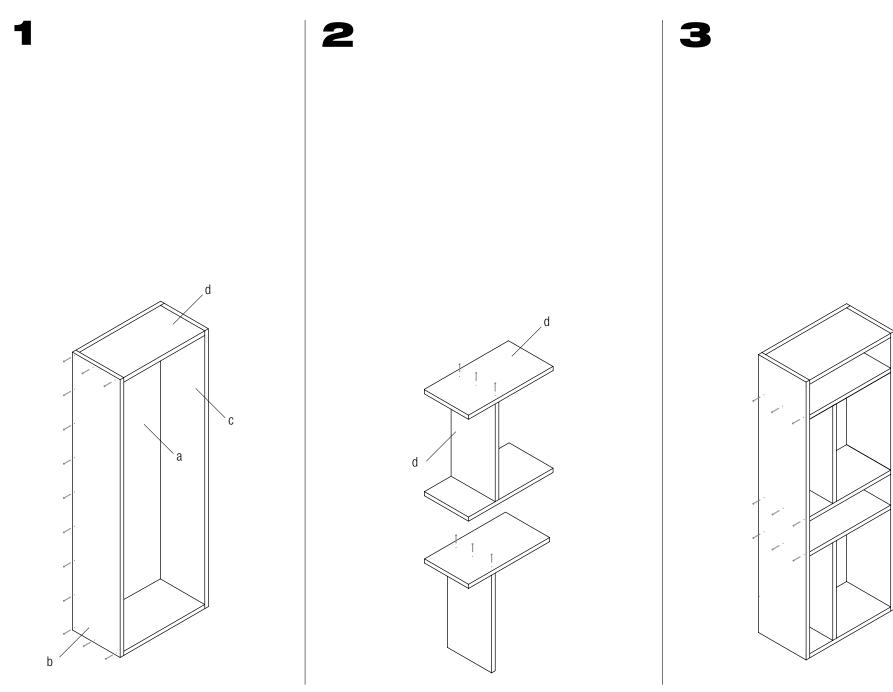


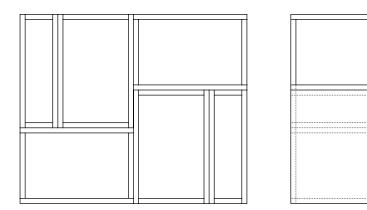


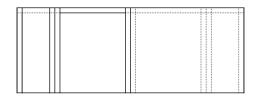


1 element + side panel b

No.	Size	Qty.		
а	1800 x 660 mm	1		
b	1800 x 357 mm	1		
С	633 x 330 mm	1		
d	d 543 x 423 mm			
screws Ø4 x 50 mm 50				
furniture feet 4				
board thickness 27 mm				





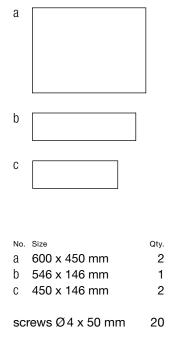




## SF 16 info counter

L x W x H: 603 x 450 x 1000 mm Material quantity 4.91 m<sup>2</sup> per element (3 boxes in total)

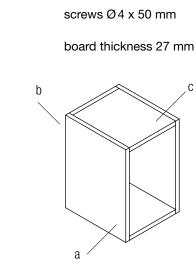
### Small box



board thickness 27 mm

b

a ′



2 large boxes

а

b

С

No. Size

a 600 x 450 mm

b 600 x 346 mm

c 423 x 346 mm

Qty.

4

2

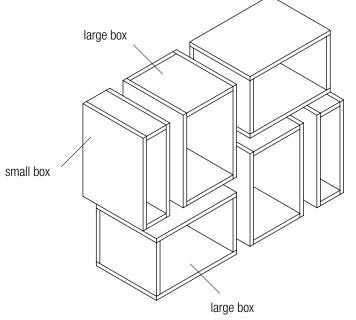
4

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This functional sculpture serves a representational purpose. The furniture consists of two different sized boxes stacked offset in a row. When shuttering panels are used the edges can be finished so that the cut white edges of the small

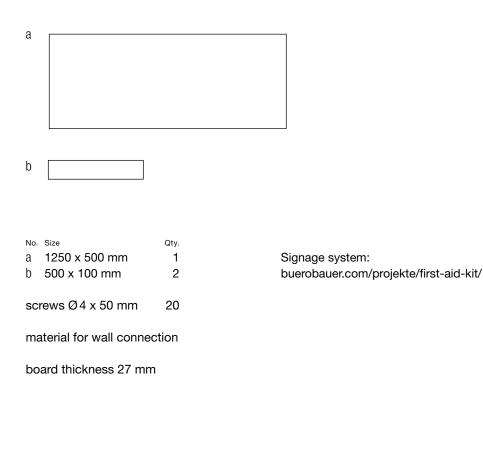
boxes create a graphic

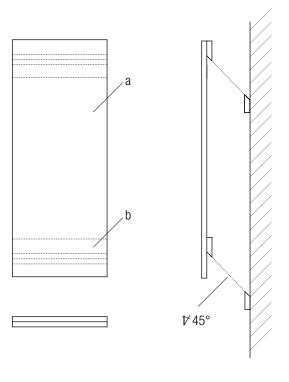
pattern with the uncut edges of the larger boxes. The combination with a back wall panel (SF 09) achieves an attractive reception area.



## SF 17 wall panel

for guidance system L x W x H: 500 x 54 x 1250 mm Material quantity 0.68 m<sup>2</sup>





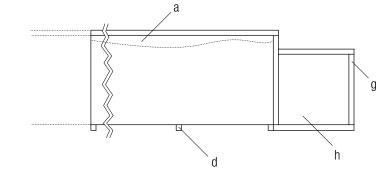
Mounting same as SF 09

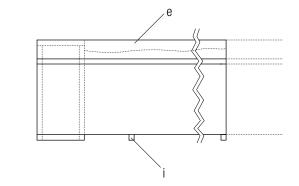


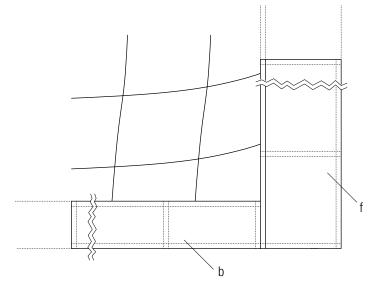
Simple guidance system to provide orientation in space, for example, with printed A4 paper as seen here. Neon paper is attached with wood glue and can be adapted to changes in the space by simply over-gluing. The system can also be used at a smaller scale to number doors. In order to secure the signs the mounting strips should be screwed together from the top after attaching. Wood framing system for large raisedbed gardens. To support the weight of the soil the hollow wooden bodies are either partially poured with concrete or filled with sand or stones. Another possibility is to connect adjacent elements with cables or tension rods. The edging elements are raised from the ground with slats and leveled, which allows excess water to drain away on the sides. The bed composition comprises a drainage layer of stones or pebbles (ca. 100 mm), a separation fleece, and the soil. The needed garden tools can also be stored in the bench elements by incorporating hinges under the panels of the seating surface.

### SF 18 raised-bed garden

L x W x H: 3000 x 250 x 527 mm (edging element) L x W x H: 3000 x 427 x 527 mm (bench element) Material quantity 3.81 m<sup>2</sup> / 4.02 m<sup>2</sup> for a 3 m long element

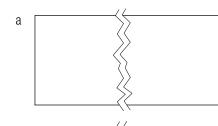








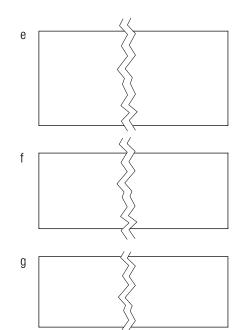
Edging element		Bench element		
No.         Size           a         3000 x 473 mm           b         3000 x 250 mm           c         473 x 196 mm           d         250 x 27 mm	Qty. 2 1 2 6	<ul> <li>No. Size</li> <li>8 3000 x 500 mm</li> <li>f 3000 x 400 mm</li> <li>g 3000 x 373 mm</li> <li>h 373 x 346 mm</li> <li>i 427 x 27 mm</li> </ul>	Qty. 1 1 1 1 6	
screws Ø4 x 50 mm	80	screws Ø4 x 50 mm	80	
board thickness 27 mm	1	board thickness 27 mm	l	



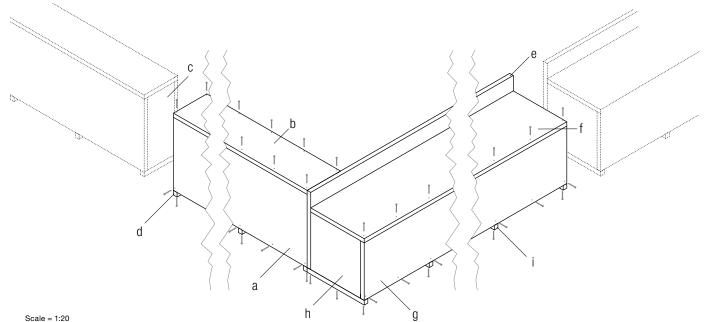


С

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EOOS Martin Bergmann, Gernot Bohman, Harald Gruendl

Project leader: Lotte Kristoferitsch

Team: Yuan Fen Chang, Liang Cheng, Maria Fröhlich, Elen Gavillet, Sabrina Höllriegl, Sabine Jansa, Jakob Schwarz, Hannes Stepic, Jens Wilhelm

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For the furniture:

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Outside Europe D.A.P. / Distributed Art Publishers Inc. 155 6th Avenue, 2nd Floor USA – New York, NY 10013 Tel. +1 (0) 212 627 1999 Fax +1 (0) 212 627 9484 eleshowitz@dapinc.com The design studio EOOS was established in Vienna in 1995 by the three partners Martin Bergmann, Gernot Bohmann, and Harald Gruendl.

With around ten employees and a prestigious, international clientele EOOS is currently one of the most productive and prominent contemporary design teams. Central to EOOS's design language but also to its self-image is a research and design approach that the designers describe as "Poetical Analysis", which they apply to the entire spectrum of their activities – from the creation of furniture, products, and interiors to social design. As the name suggests, this is an approach which combines strict analysis with poetic imagination. The results are reduced, highly functional, and technologically innovative products, which are not only anchored in a long cultural tradition but also embody this same tradition in their form and purpose.

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