



Ronen Kadushin Design

Email: [info@ronen-kadushin.com](mailto:info@ronen-kadushin.com)  
Web: [www.ronen-kadushin.com](http://www.ronen-kadushin.com)  
Fehrbellinerstr. 82 ,10119 Berlin  
Tel: 0049 (0)30 40 50 49 27

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Dear Open Design user,

Thanks for downloading the Simpleton chair design files.

This document contains Production instructions of a Simpleton chair, mixed with some words about Open Design.

The Simpleton chair, trying out some good old functional- extreme geometric-formalism, just for fun, is part of the Recent Uploads collection.

### **Production instructions**

In order to produce this chair you need to be somewhat proficient with handling DXF files, have some knowledge of laser cut part production, have two good hands and a creative and experiment loving personality.

If you have all these, there's a good chance you are an industrial designer or design student, if not, welcome aboard.

Please note that you can use this design as many times you like, change it, send it to others, and express through it any personal point of view and creativity, as long as you follow the Creative Commons licence (<http://creativecommons.org/licenses/by-nc-sa/3.0/>). Open Design suggests a way any designer can design and industrially produce objects on a global scale in an unbiased creative environment. Your cooperation will be much valued.

The Simpleton chair is ready for laser cutting. The curves are all arcs, with no hidden lines or layers. Use 6mm aluminum (I used Al Mg3, the softer variant- W19, see material list at [http://www.gemmelmetalle.de/pdf/Aluminium/42\\_49.pdf](http://www.gemmelmetalle.de/pdf/Aluminium/42_49.pdf) page 47). Send the DXF file to your friendly laser cutter and they can take it from there.

I would ask you to follow the instructions carefully and hope for the best. I think that bending and then bending back to flat may break the piece, so be careful. The outcome is stable and even sort of comfortable with the flexible back.

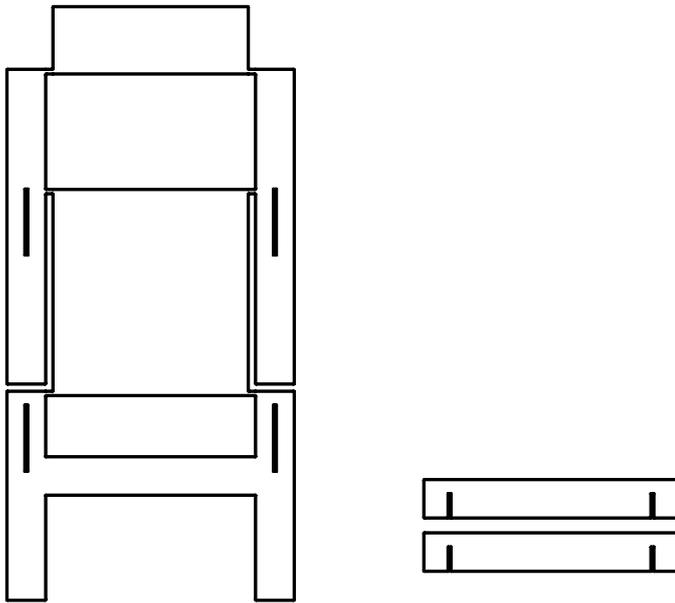
I would like you to write me about your experience with this product and read your suggestions. In case you made modifications or found nice applications to it, I would be curious to see them.

Please be creative.

Thanks again,

Ronen Kadushin  
Designer

CAD file of the Simpleton chair, as downloaded from my site.  
The design is published with a Creative Commons attribution-non commercial-share alike licence.



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**Simpleton chair (v.1)**  
6mm Aluminum

**Frame connectors for Simpleton chair (v.1)**  
2 pieces per chair  
6mm Aluminum



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Bending sequence.



Use gloves.



85 Deg. bend

When bent correctly, there's a 3.5 cm height difference between front and back of seat



95 Deg. bend

Insert and push connectors into place carefully so they will not get stuck.



Bend backrest back





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