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Dear Open Design user,

Thanks for downloading the Flatrella tray design files.
This document contains Production instructions of a Flatrella tray, mixed with some words about Open Design.

The Flatrella Tray is an Open Design cover version of Enzo Mari's inspirational Putrella tray from 1958. It shares the same outer dimensions, shape and function of its reference, but opens a dialog with the original design, by interpreting its industrial essence and assertive expression into Open Design context.

Production instructions

In order to produce this tray 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 Flatrella Tray DXF file is ready for laser cutting. The curves are all arcs, with no hidden lines or layers. Use 1.5mm stainless steel (I used 1.4016 grade, with mirror finish- IIID). Send the DXF file to your friendly laser cutter and they can take it from there, but please note that the cut should be precise and clean. The 8x8x8mm N52 neodymium magnets were purchased through Ebay.

I would ask you to follow the instructions carefully and hope for the best. 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 Flatrella Tray, as downloaded from my site.
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The tray has three laser cut parts, and 8 8mm cube neodymium magnets.
You can use bigger neodymium magnets if you want.

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Assembly instructions

Use gloves; Less chance of cutting yourself and leaving a smudgy surface. Make sure all the edges are clean.

Slightly and gently bend the bottom at the bend areas. Just a little bit.

Gently and patiently insert the bottom part into one side. Make sure the mortises go into the tenons.

Attach 4 magnets at the connection seam. Make sure the magnets touch both parts.

Flip the bowl and do the same on the other side.

Attach 4 magnets at the connection seam. Make sure the magnets touch both parts.

That’s it.

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Enzo Mari, Putrella tray, 1958.
Production: Danese Milano
http://shop.danesemilano.com/?eomPrd=36

Flatrella tray

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