Smartcore

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Located at: http://www.youmagine.com/designs/smartcore

Short description:

A coreXY made simple to build and cheap.

Description:

The smartcore is the second project from Smartfriendz. After the smartrap and its all printed structure , this is another kind of project : coreXY made cheap and easy to build !
You will find here everything to build one as easy as order some wood on the local store and print a few parts.
Design is made so you don't have big operations on the box (no drill or cut), just build the box, assemble parts separately and integrate Z and XY in the box with simple wood screws.
It seems to be expandable from 20x20 to around 50x50 cm (more to test) .
It is GPL (as all our projects). More importantly , the all design is entirely written in openjscad with a lot of options like nema size, rods size, printable size and wood thickness .
All models are dynamically updating from parameters. Print plates are also automatically generated (not complete now, but almost done :) .

<div>Have fun to dig around with parameters ....</div>

If you can, please use the online documentation found at http://www.youmagine.com/designs/smartcore because those may have been been updated. Also, there you can interact and provide praise and/or feedback.