

Wanna
Make a
Stunning
Plate?

STAMPO
MATICA

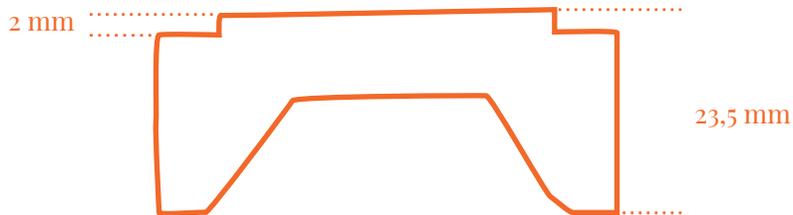
#3Dletterpress
@Stampomatica

stampomatica.com

YES!

A few simple rules to follow for designing your awesome printing tool

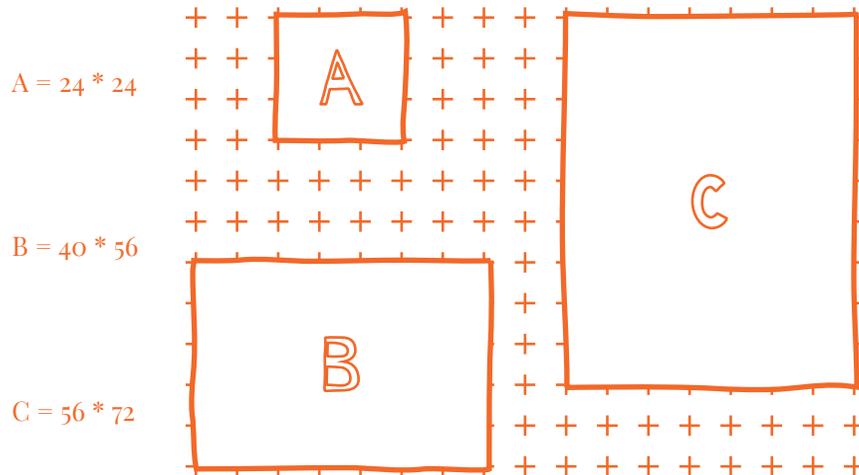




01

Plates' height

Plates can be of two different kinds: high plates and short plates. Short plates reach a total height of 7,5 mm and are meant to be used with Stampomatica BusinessCard; they can actually be used also with Stampomatica PostCard but only if used with the frame included. High plates otherwise can only be used with Stampomatica PostCard and they reach a total height of 23,5 mm. This is the height of traditional french letterpress types.



02

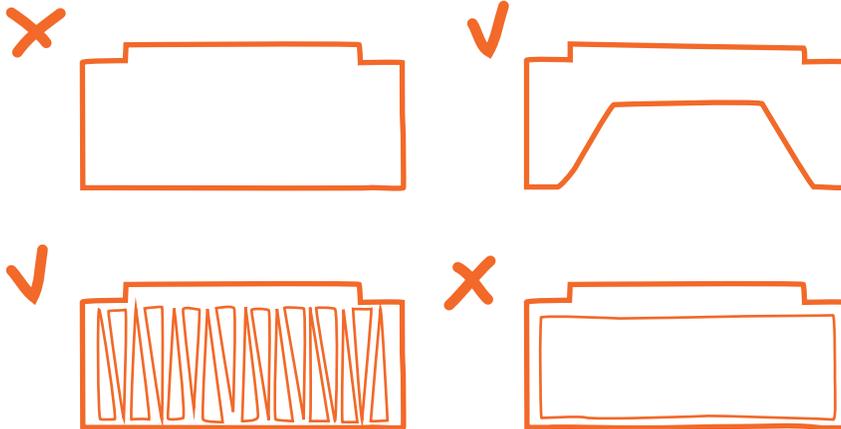
Plates' length + width

Length and width of Stampomatica PostCard's plates can be chosen freely, referring to a grid with an 8 mm pitch at alternate multiples [8, 24, 40, 56...] which has maximum dimensions of 130 * 88 mm. Anyway is suggested not to create printed components larger than 88 * 88 mm and rather use two different plates put side by side in order to take advantage of the maximum printing area.

Length and width of Stampomatica PostCard's plates instead are fixed at 85 * 55 mm.

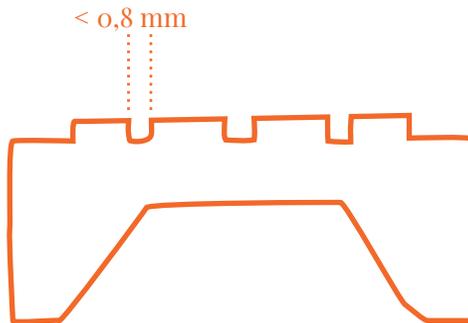
03

Base filling



The support base of the plates can be designed in different ways, choosing the most suitable according to the 3D printing technology employed.

Generally is suggested neither to create totally full bases, which would mean long printing times and a useless waste of material, nor to make over emptied bases, which could threaten the plates' structural strength.



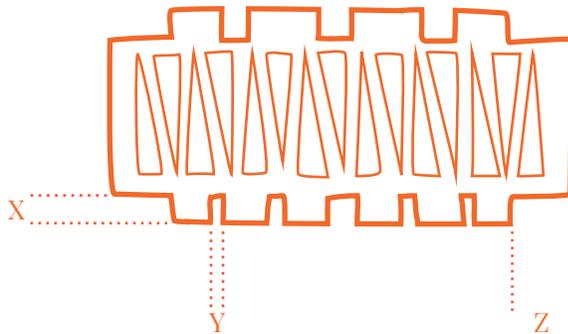
04

Printing surface

Employing the most common 3D printing technology, that is the FDM technology using 1,75 mm large string, is suggested to always leave between different elements of the drawing a gap of at least 0,8 mm, in order to ensure the best precision possible recreating the drawing.

05

Double plate [SLS* only]



Using the SLS 3D printing technology is possible to create plates with two printing surfaces, one on the top and one on the bottom of the piece. In this case the rules to follow while 3D modeling the plate need to be verified on the different guides, which vary for every 3D printer.

In the Stampomatica's shop on Shapeways website is possible to buy some examples of plate already correctly modeled.

* Selective laser sintering

#3DLetterPress

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Stampomatica is an opensource project by Tecnicificio (maker facility in Milan) & Lino's Type (hand letterpress in Verona).
Lasercut with passion by sololuce.biz and made in Italy with love, 2015