

Applicazioni e usi della stampa 3D

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Good Morning America

<http://youtu.be/NpRDuJ5YgoQ>

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rapid prototyping

rapid prototyping

tecnologie sottrattive

rapid prototyping

tecnologie additive

tecnologie sottrattive

rapid prototyping

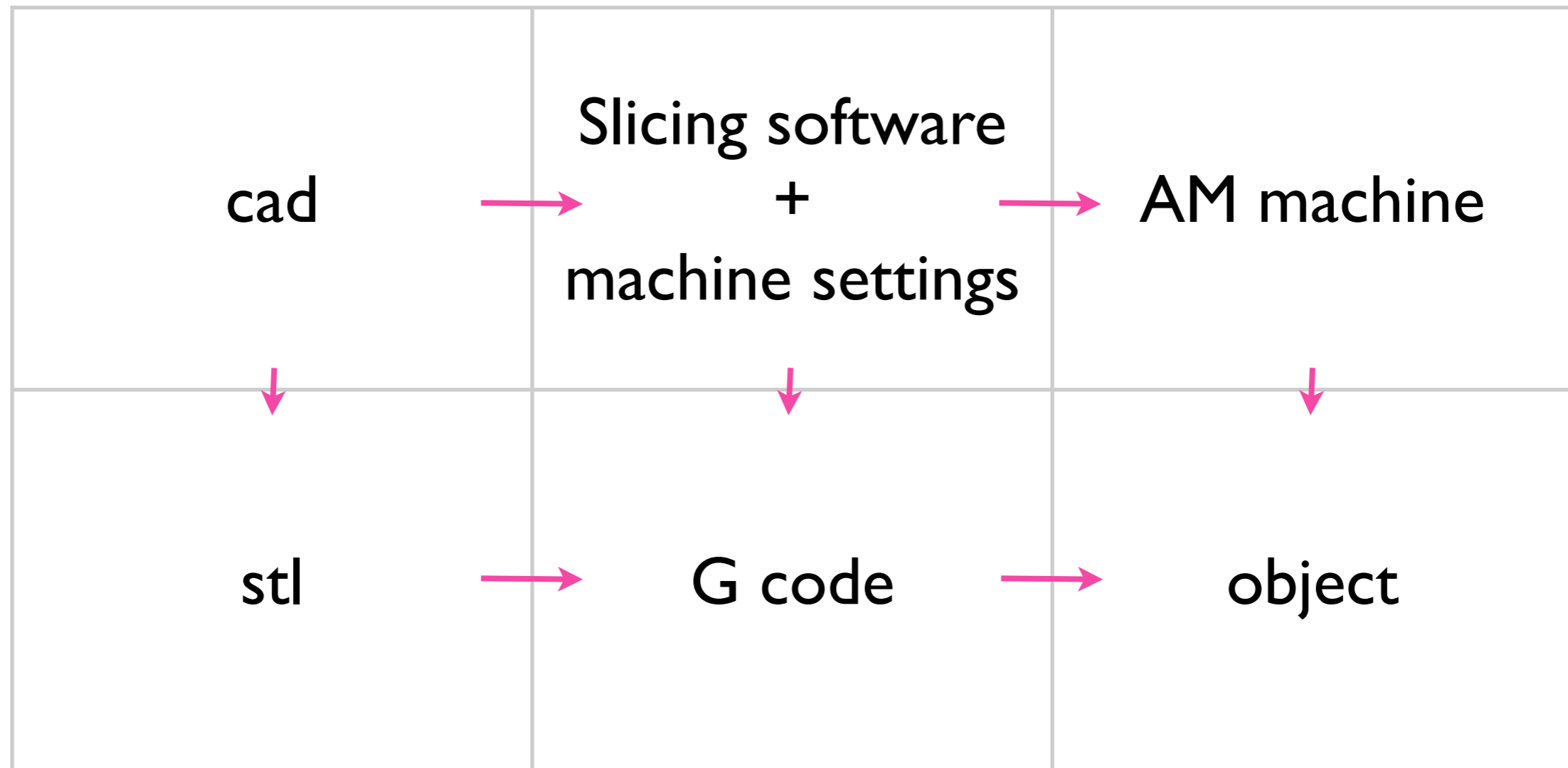
tecnologie additive

tecnologie sottrattive

rapid prototyping

rapid manufacturing

dal file all'oggetto

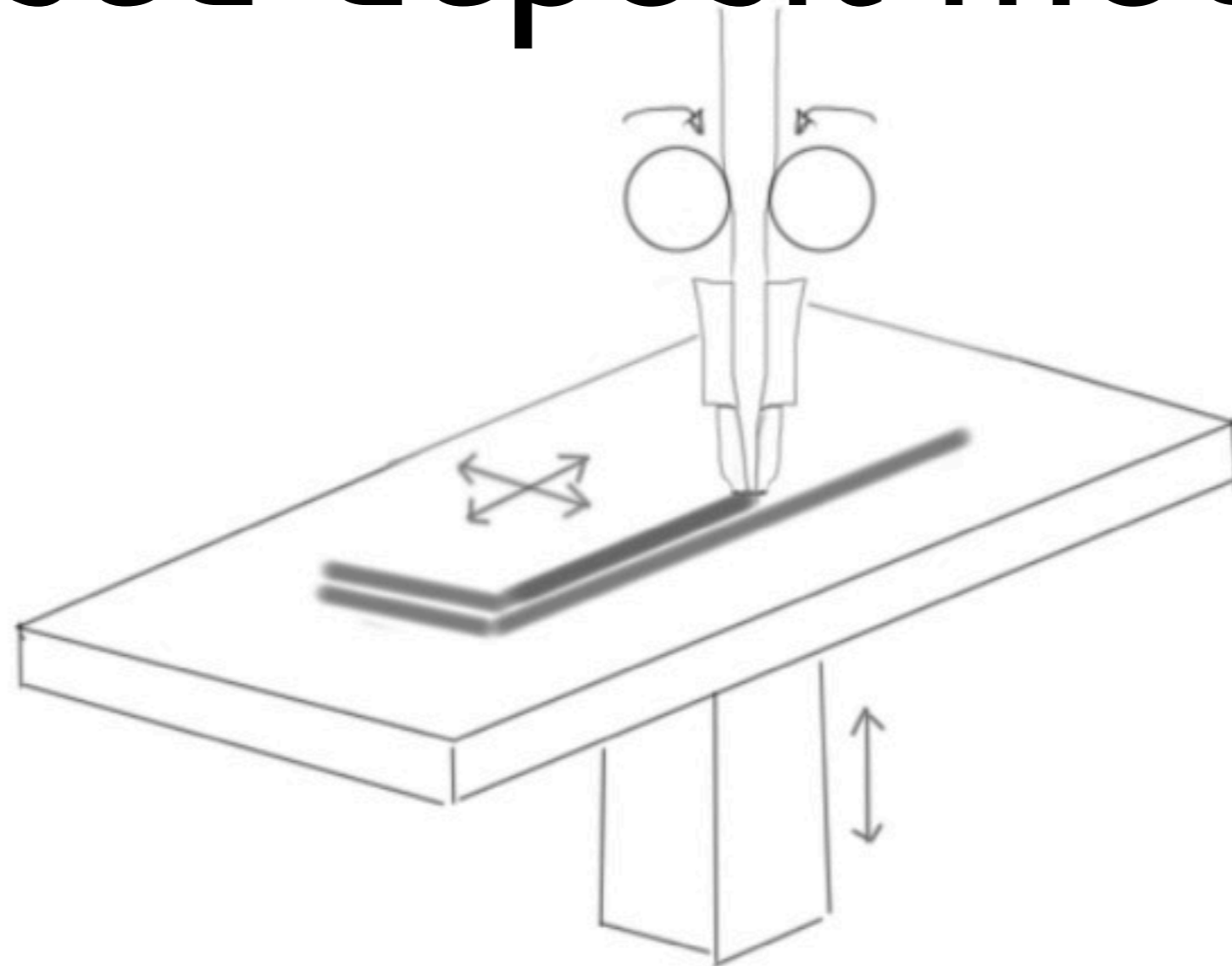


tecnologie



FDM

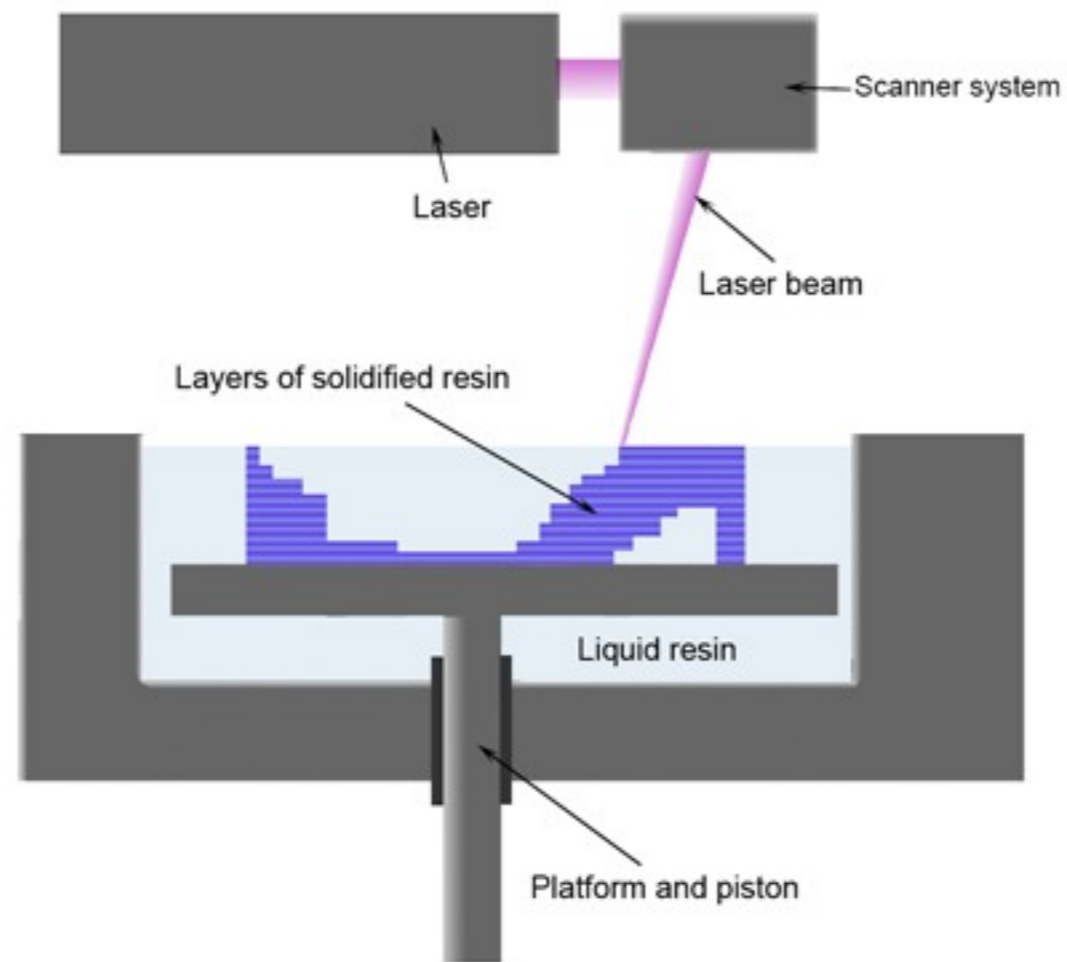
Fused deposit modeling



estrusione

SLA

Stereolithography



fotopolimerizzazione

DLP

Digital light processing



fotopolimerizzazione

<http://youtu.be/o2uy6WaGhxs>

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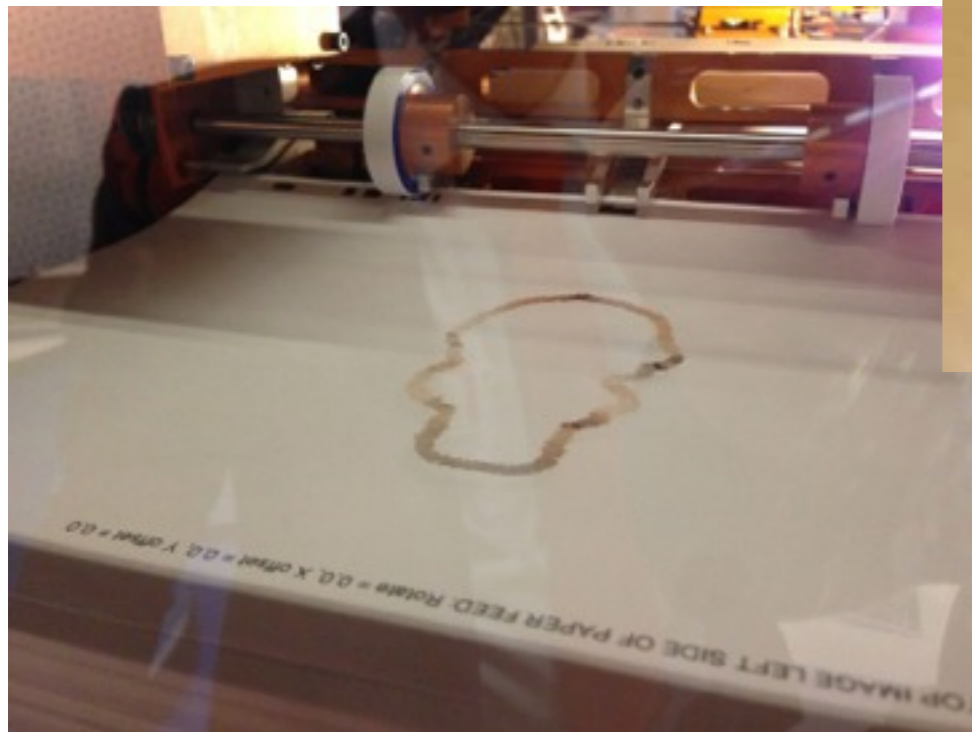
Polyjet head 3d printing



fotopolimerizzazione

LOM

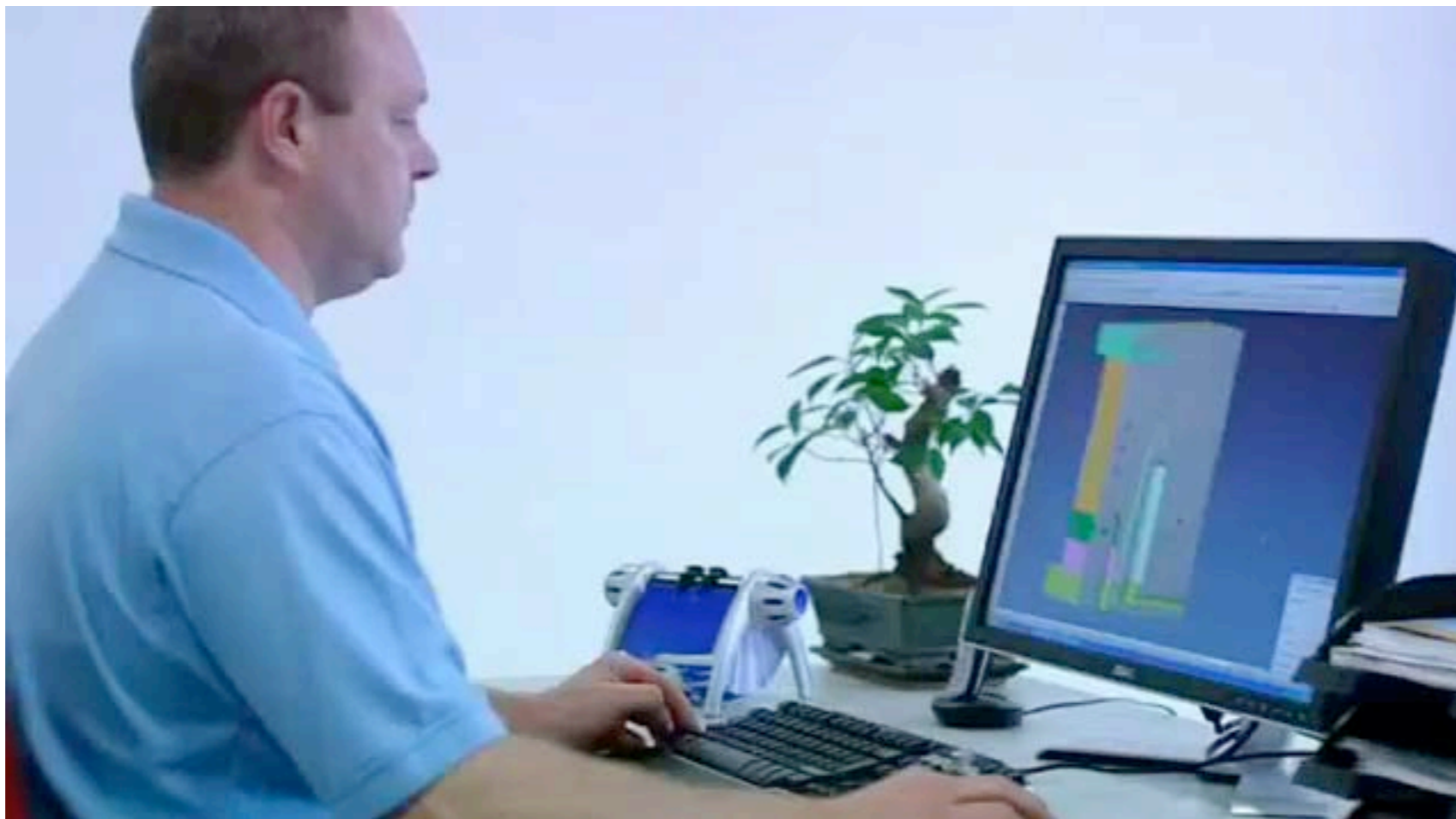
Laminated object manufacturing



taglio e sovrapposizione

SLS

Selective laser sintering



<http://youtu.be/6N7WIkPuBcg>

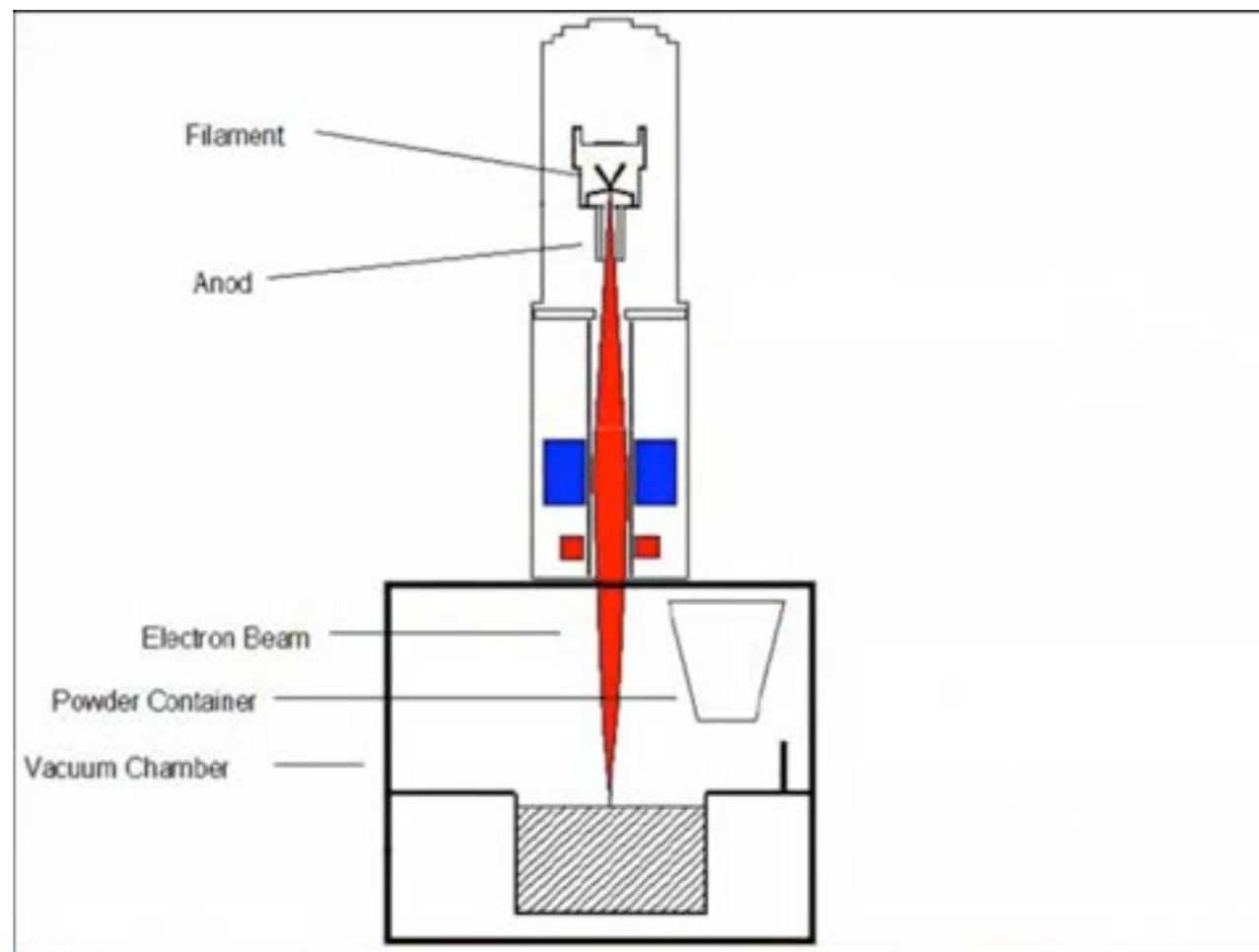
agglomerazione

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EBM

Electron beam melting



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PP Powder bed and inkjet head 3d printing



<http://youtu.be/HeZ3SzAh3L8>

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DMP

Direct metal printing



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The Periodic Table of **Materials**

1 PA polyamide	2 AL alumide	<p>Rank</p> <p>Symbol</p> <p>material</p>		3 MC multicolor	4 RE high detail resin		
5 RE paintable resin	6 RE transparent resin			7 ABS abs	8 TI titanium		
9 ST stainless steel	10 AG silver			11 AU gold	12 PG prime gray	13 BS brass	14 BZ bronze
15 CE ceramics	 HS high detailed stainless steel						

<http://i.materialise.com/materials>



Applicazioni





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<http://www.telegraph.co.uk/technology/news/9066721/3D-printer-builds-new-jaw-bone-for-transplant.html>

<http://mashable.com/2012/08/03/3d-printed-magic-arms/>

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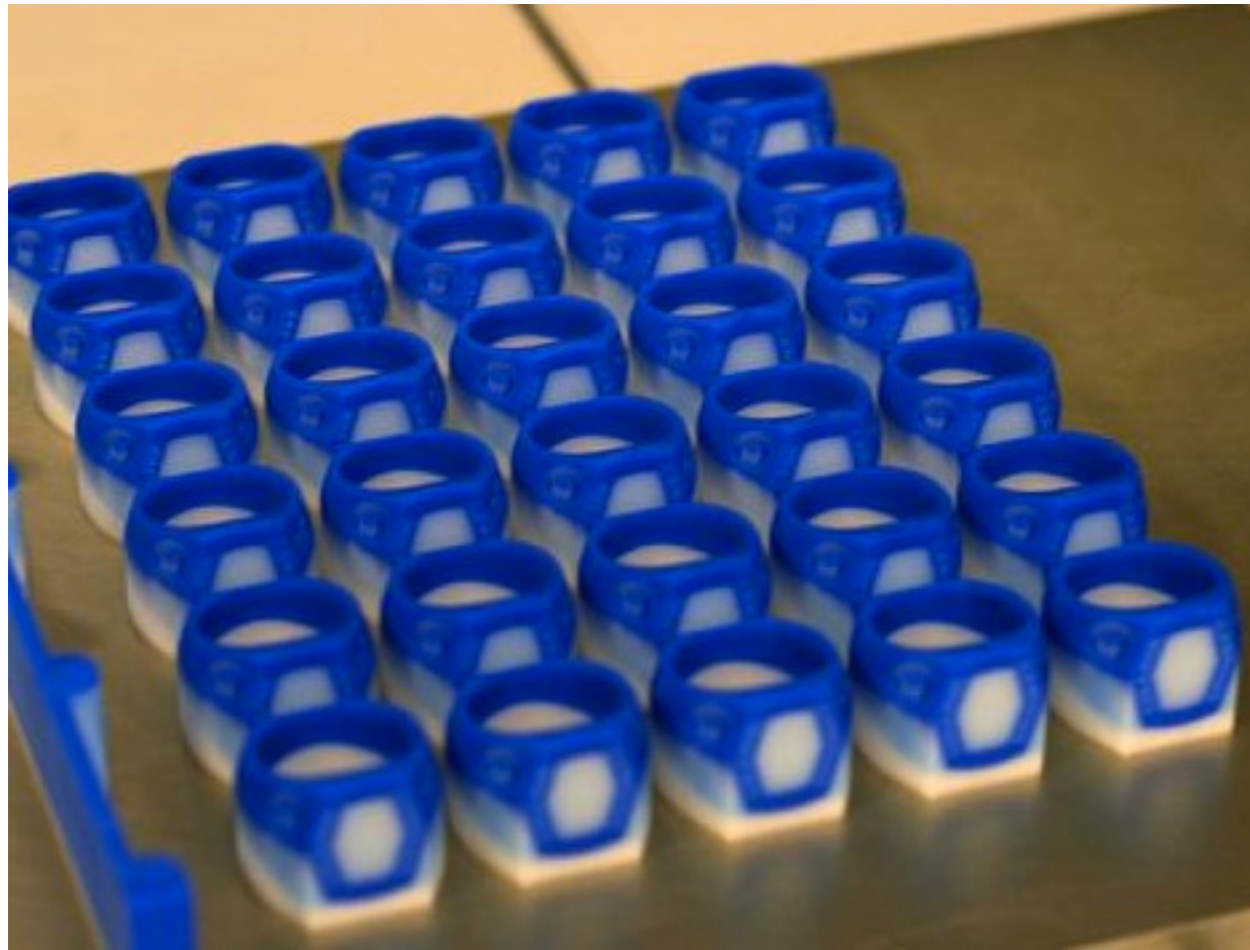




Quelle: Continuum Fashion

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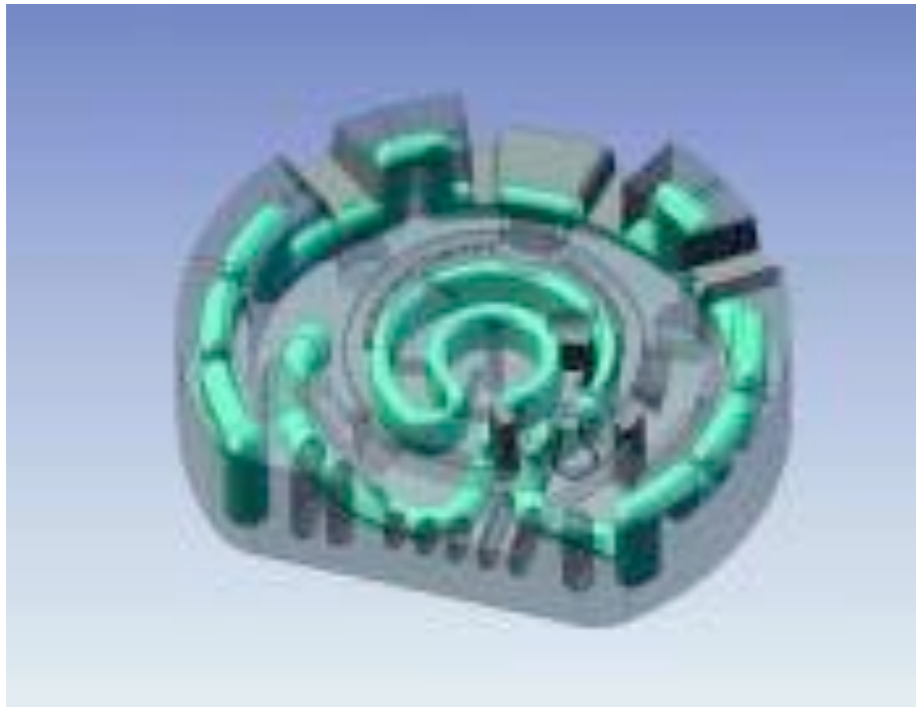
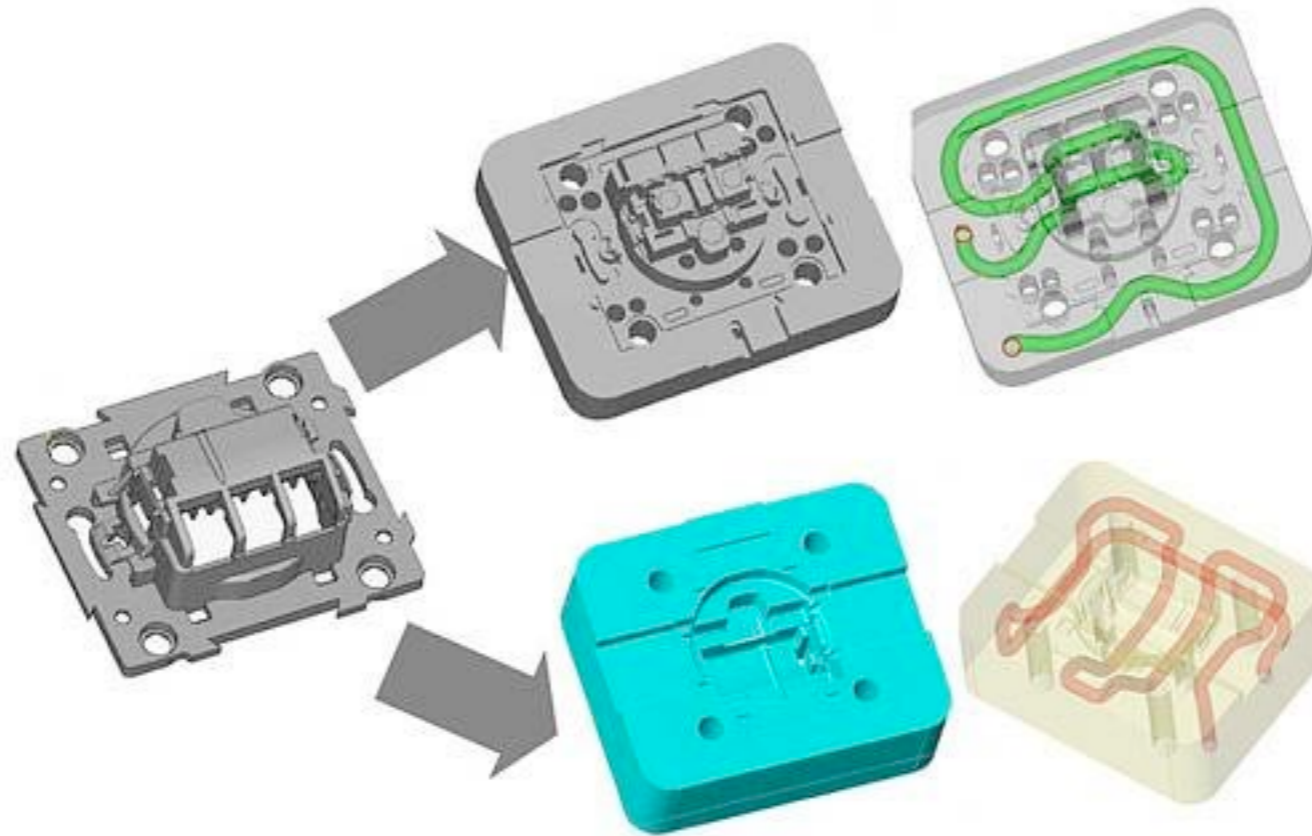




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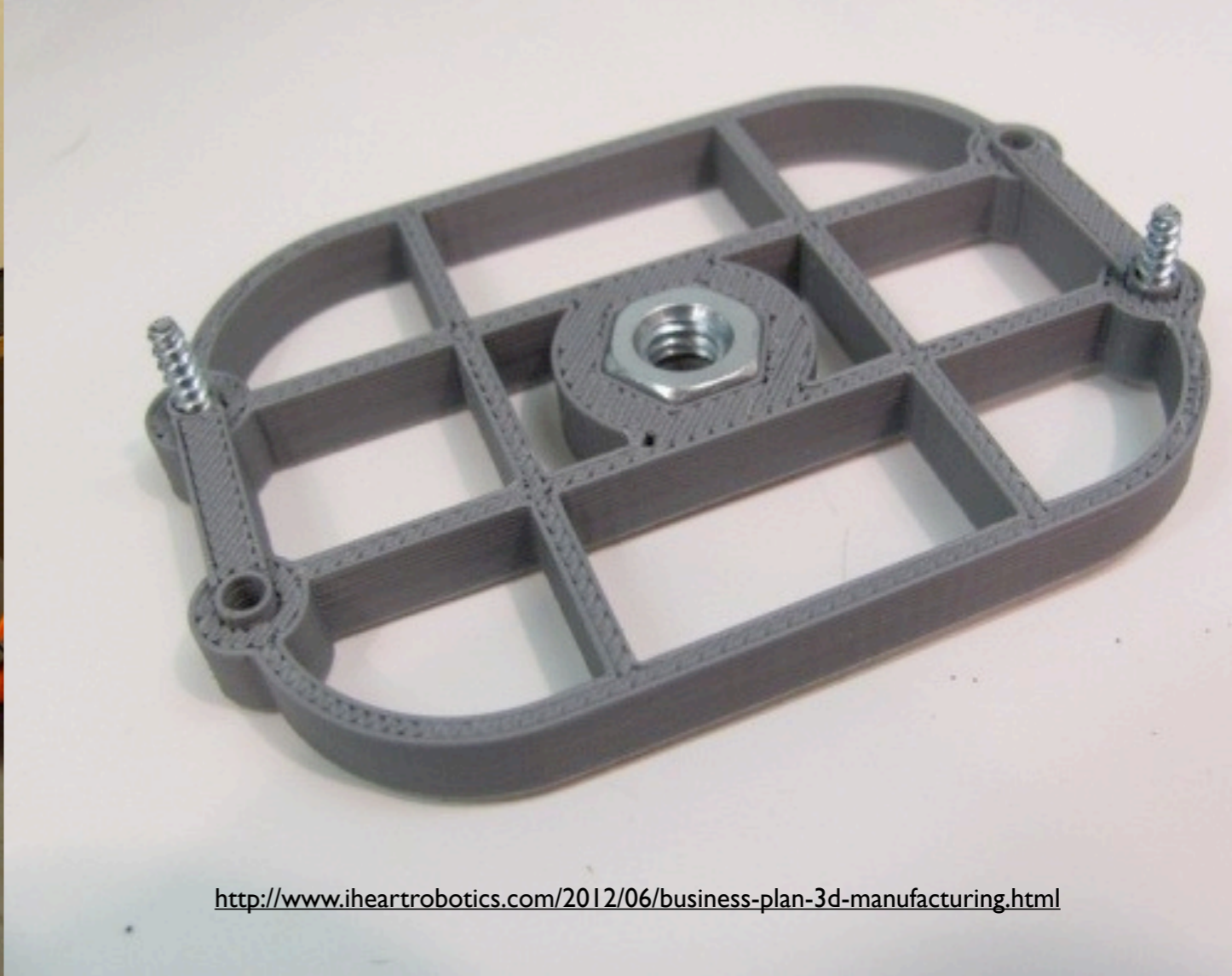
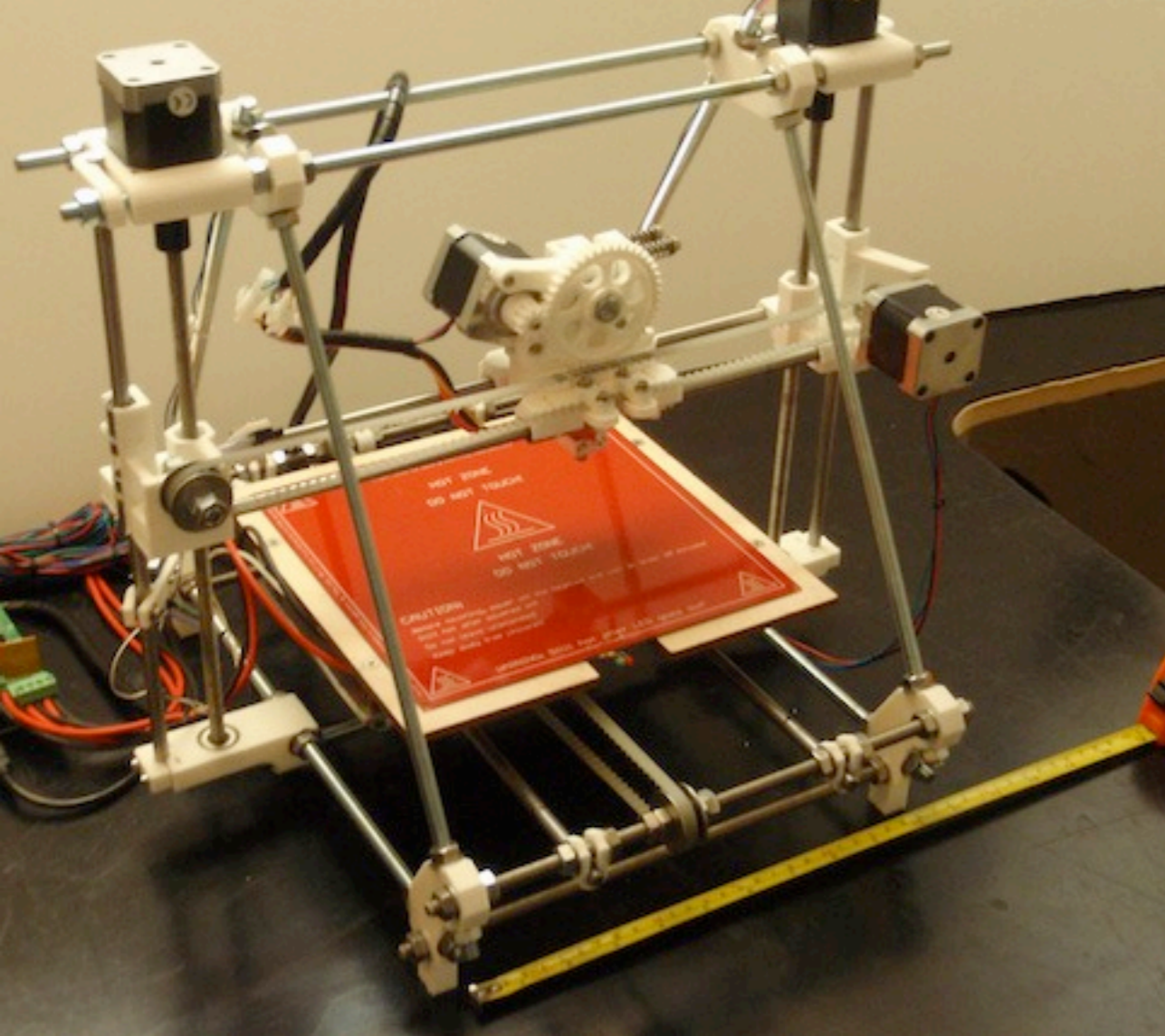
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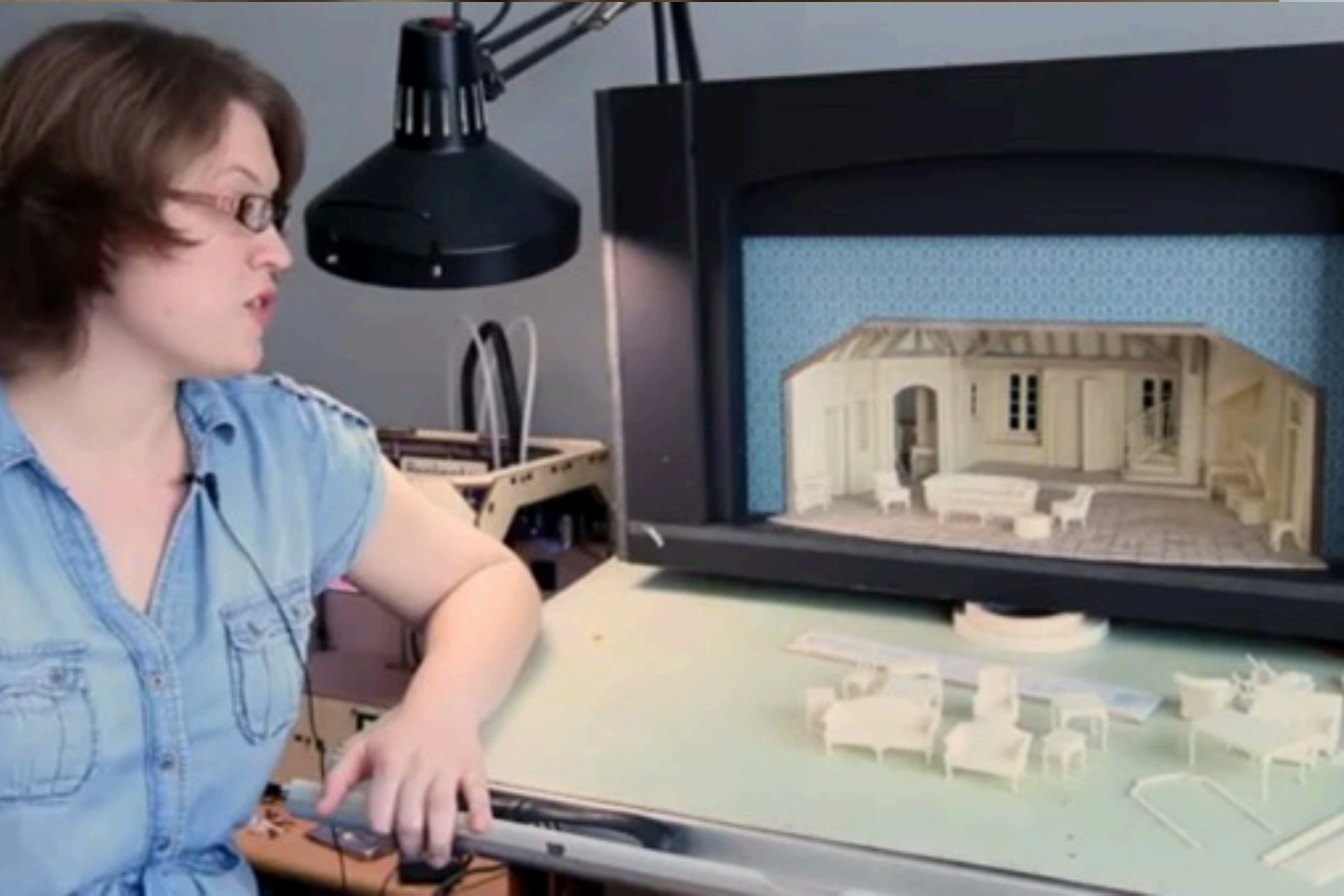


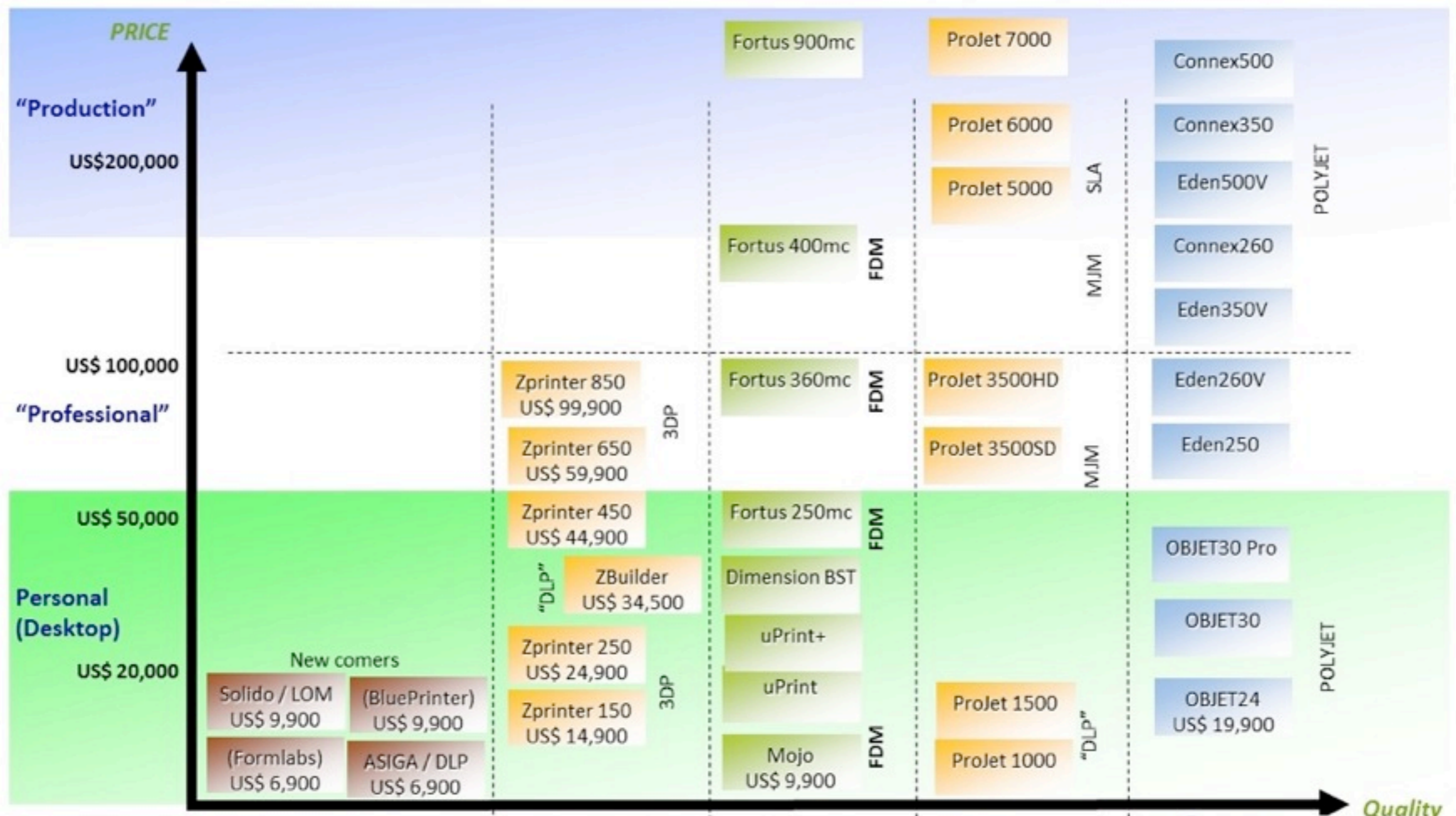
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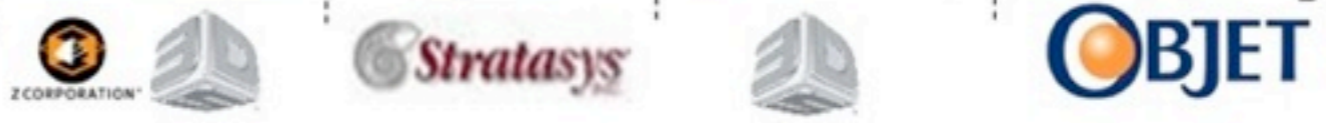


<http://www.iheartrobotics.com/2012/06/business-plan-3d-manufacturing.html>





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Caratteristiche

- bassi vincoli geometrici
- no costi retooling
- alta automazione
- produzione distribuita
- progettazione/produzione digitale

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Forbes

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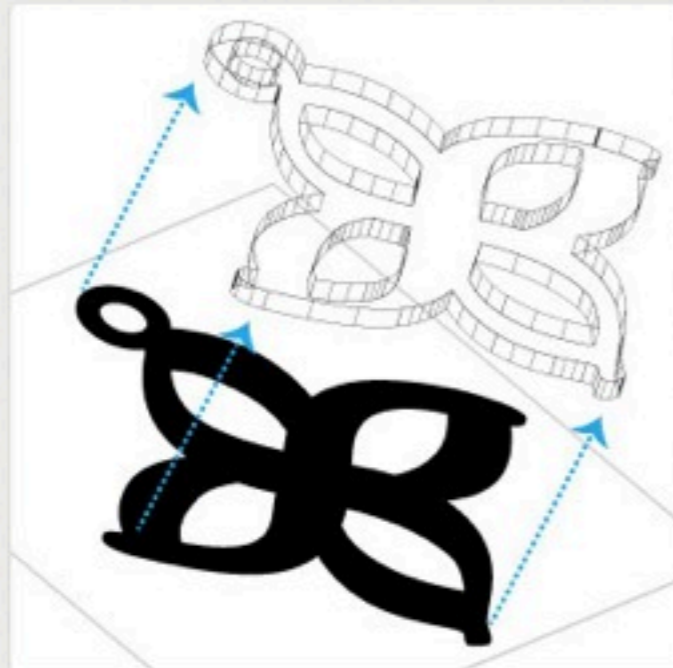
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2D to 3D

(formerly named "Imagepopper")

Turn a black & white .jpg into a 3D model. Make pendants, nameplates, earrings, and more!



The Vibe iPhone Case

3D print a custom iPhone case with your favorite sound from SoundCloud.



Sake Set

easy-create cups and tumblers from scratch and get them 3D printed in food-safe ceramic.

<http://www.shapeways.com/>

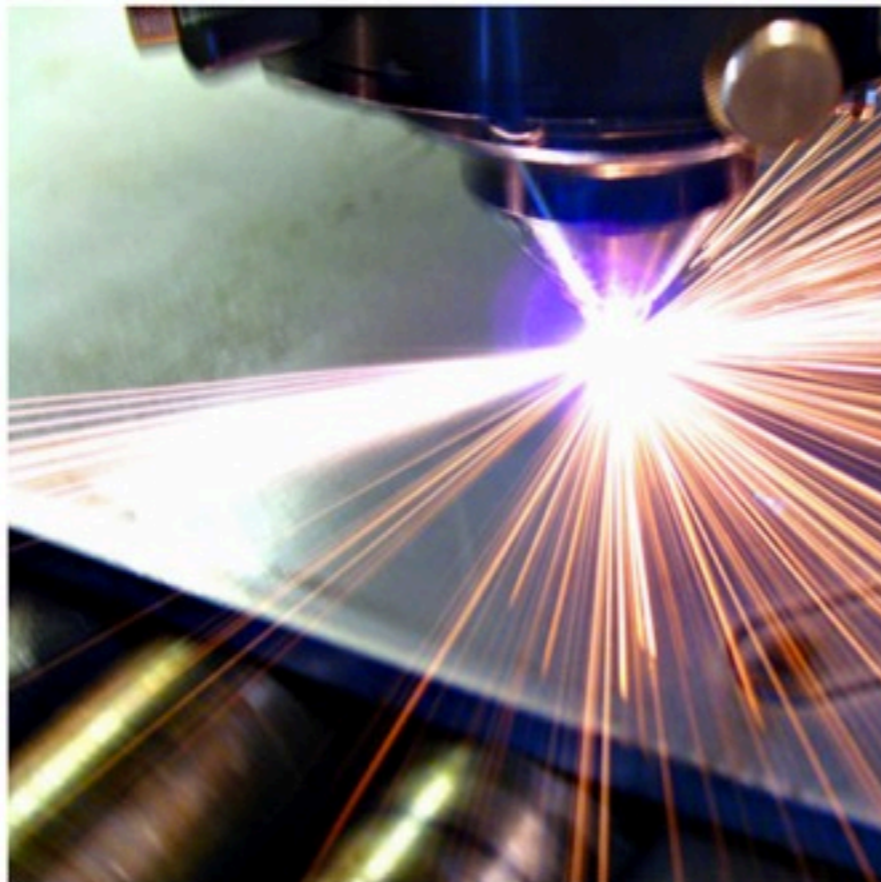
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804

Like



Taglio Laser "On-line"

Ottieni subito
Il tuo preventivo
in automatico

Riceverai il tuo
pezzo dove
vorrai!

Disegna il tuo oggetto

realizza un file DXF all'interno di un foglio di formato standard.

1

Preventivo "Just in Time"

è sufficiente essere registrati, caricare il file .dxf del tuo progetto e otterrai subito il preventivo, [tutto online](#).

2

Scegli il Materiale

tra Acciaio al carbonio, Inox, Alluminio, Acciaio Cor-Ten, spessori da 1 a 10 mm ([guarda in dettaglio](#))

3

Taglio Laser "Just in Time"

entro 72 ore spediremo il materiale tagliato dove ti è più comodo.

4

Lasermio

TAGLIO LASER ONLINE

Taglio laser su lastra, senza vincoli di forma e con spessori fino a 10 mm. Segui con attenzione le varie fasi dell'ordine online e ricevi in poco tempo e al tuo indirizzo, a prezzi davvero competitivi, la tua lastra in metallo laserata con i decori, le scritte, i disegni che preferisci!

REGISTRATI

INSERISCI UN ORDINE

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<http://www.lasermio.com/>

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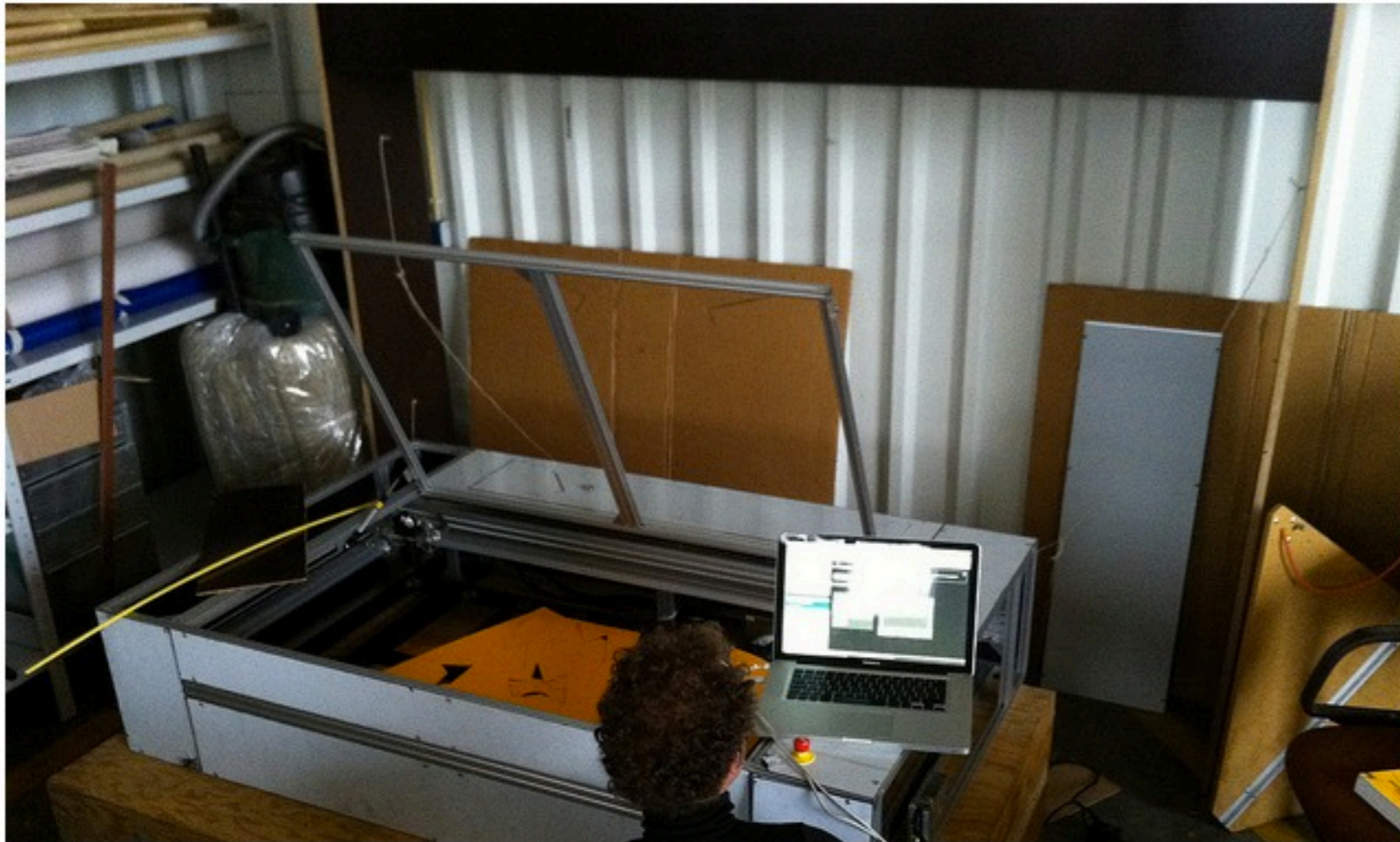
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<http://labs.nortd.com/lasersaur/>

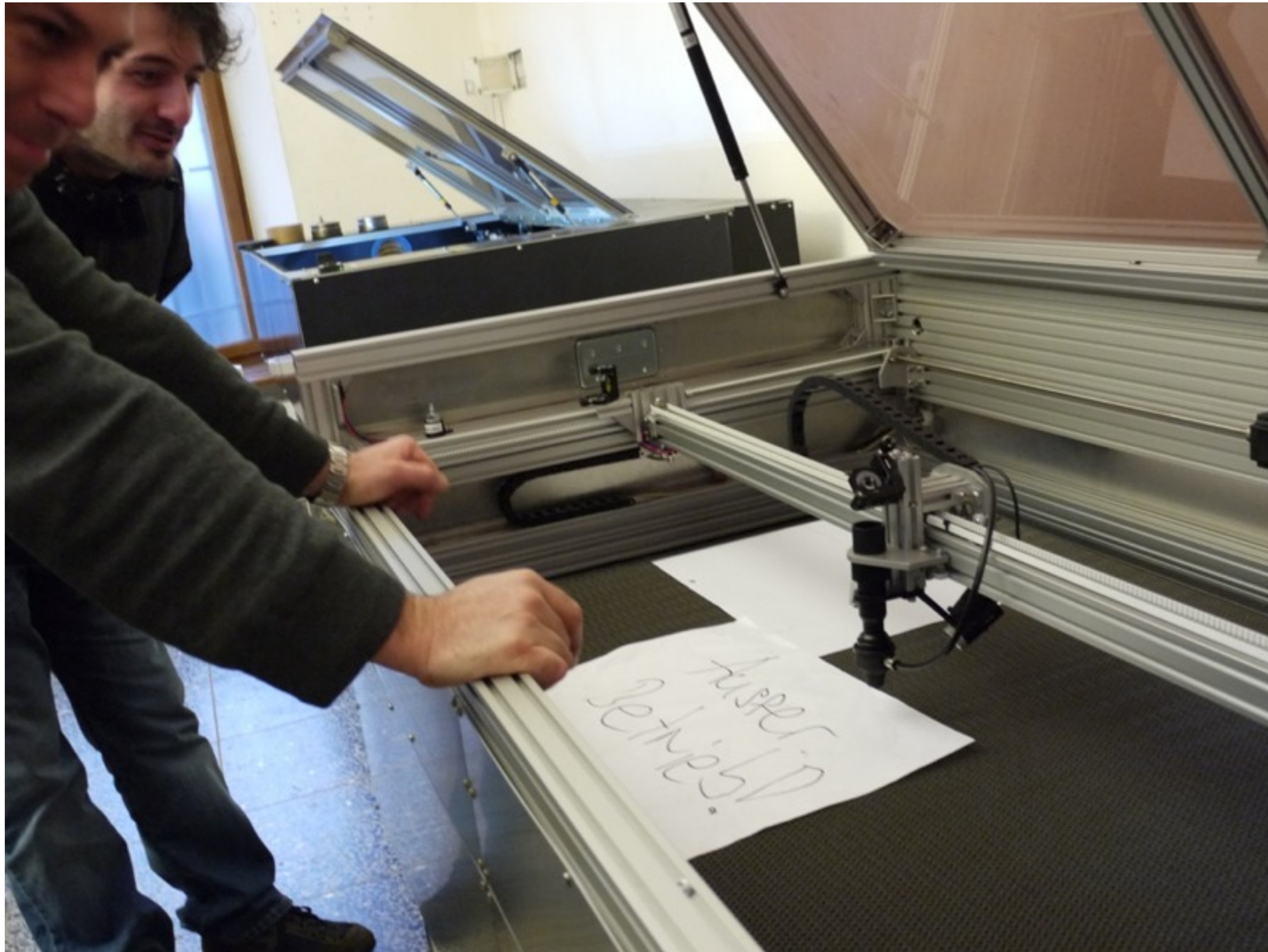


The Lasersaur
Manual

A screenshot of a social media feed for the account 'lasersaur'. The background is yellow. The feed shows several tweets with profile pictures, text, and timestamps. The tweets are from users 'jodyculkin', 'wheresaddie', and 'paulmmay'. There is also a video link from 'VodioScience'.

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manifattura 2.0

- farsi trovare / spiegare quello che si fa
- abilitare chi vuole fare (prodotti servizi)
- educare, poter metterci le mani dentro

WEFAB



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156 miliardi \$