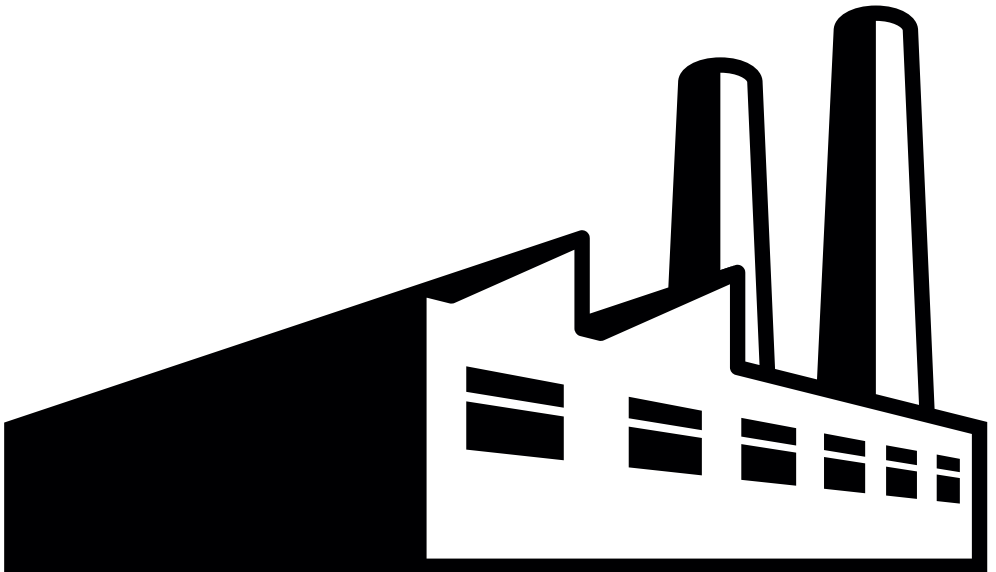


MACHINES **FROM SCRATCH**

Realize your imagination.
Use our flexible machines.
Use our know how.
At a buddy price.
Almost.



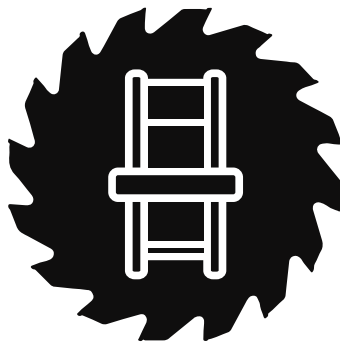
YOU LIKE
TO DO
THINGS
FROM
SCRATCH?

SO DO WE.

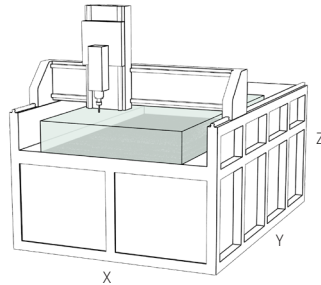
We are four industrial designers
owning a bunch of machines
and a carpenter workshop.
We understand creatives' needs
and like to realize great ideas.

GET TO
KNOW OUR
MACHINES ...

... AND SEE IF
THEY MATCH
WITH **YOUR**
PROJECT.



CNC MILL



One large,
open layout
CNC machine.

Main specs:

Three axis 3D machining

X = 1200 mm (max. working dimension)

Y = 2000 mm (max. working dimension)

Z = 250 mm (deduct tool length from that)



Materials

Wood, composite wood (MDF, CDF),
wood derivatives (plywood etc.), most
plastics, aluminum (smaller parts)



Cost

40.- CHF/hour running time, other
labour/material cost please get in touch



Files (2D)

DXF, AI, EPS – for others get in touch



Files (3D)

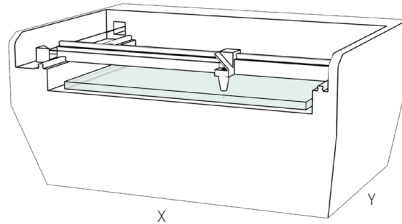
STP & most CAD files – for others get in touch

LASER MACHINES



Machine one:
medium size

Machine two:
large size



Main specs:

Two axis 2D laser cutting and engraving

X = 1300 mm (max. working dimension)

Y = 900 mm (max. working dimension)

Maximum cut depth: 6 - 30 mm (wood/plastics, foams)

Thinnest possible cut: 0.2 mm (thin materials only)

Maximum workpiece thickness: virtually unlimited



Materials

Wood, wood composites (MDF, CDF etc.), wood derivatives (plywood etc.) and most plastics (cutting and engraving) metals (engraving only)



Cost

40.- CHF/hour machine running time, other labour/material cost please get in touch



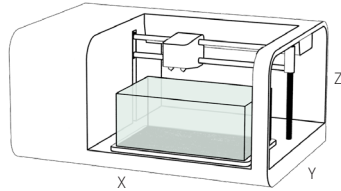
Files

DXF, AI, EPS - for others get in touch

3D PRINTERS



Two dual head, fused filament-fabrication (FFF) printers.



Main specs:

Minimal layer resolution: 0.2 mm
X = 200 mm (max. build dimension)
Y = 150 mm (max. build dimension)
Z = 100 mm (max. build dimension)

Use two different colours in the same print or even two different materials. We can use water dissolvable support material or we can combine solid and flexible materials in one printed part.



Materials

PLA (easy to print due to low warping and shrinkage), ABS, Nylon, PET, HIPS (dissolvable support material), various flexible plastics, wood-like materials, foam-like materials, basically every available 1,75 mm 3D print filament



Cost

10.- CHF/hour machine running time, other labour/material cost get in touch



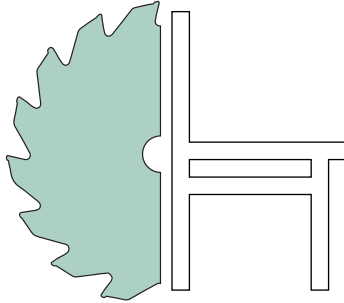
Files

STL, OBJ – for others get in touch

FULL ON CARPENTER **WORKSHOP**



A full range of carpentry machines at your disposition



General specs:

- Fully spec'd professional carpenter workshop, including: **table** saw, large **board** saw, **planer**, **jointer**, **band** saw, large **grinding** machine, small grinding machines, big and small **glueing presses**, various **drilling** machines, **paint** room.



Materials

Wood, wood composites (MDF, CDF etc.), wood derivates (plywood etc.) some plastics, sheet metal parts (partially workable)



Cost

100.- CHF/hour



Files

Anything from no drawing at all to hand drawing to CAD

YOU NEED **RAW**
MATERIALS?

WE CAN **SOURCE**
FOR YOU:

- Any wood
- Wood composites
- Wood derivatives
- Most plastics



Helping you to
avoid transport
and handling
cost / hassle.

OTHER INFO
TO START
FROM SCRATCH



We know how to work with the following applications:

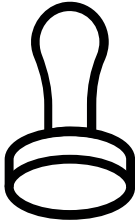
- Adobe Creative Suite
- Solid Works
- Autodesk Fusion 360
- Cinema 4d
- 3DS Max
- Keyshot
- Rhino
- and others ...

THINGS MADE
ON OUR
MACHINES,

THINGS YOU
CAN BUY
**FROM
SCRATCH**

**Odd size & virtually any size
and type of stamps.**

**Stencils made from various
materials (for spray painting
and other applications).**



ODD SIZE STAMPS

We can make a stamp for you out of pretty much any illustration or even photo. In whatever shape and size. Some minimal limitations apply though:

- **Minimal** line width: 1.0 pt or 0.4 mm
- **Larger** than A4 graphics will be joined from A4 stamp material, therefore minimal joins will be visible in prints

All stamps come with a wooden handle. Prices starting from 25.- CHF (3x3 cm stamp)

TODAY

ANY TYPE OF STENCIL

We can make stencils for you out of pretty much any type or illustration. Bare in mind though that the typical bridges will have to be added. But that makes for the charme of stencils anyways, doesn't it?

Stencils can be made from cardboard (cost effective) or acrylic glas (durable) or a host of other materials that work for your purpose. Like in real life though, some minimal limitations apply:

- **Minimal** letter/line width: 5.7 pt or 2.00 mm
- **Stencil size** is limited to 900 x 1300 mm. Bigger than that you will have to work with multiple stencils.

Prices start from CHF 10.- (small cardboard)



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