

How to use

1. Turn on

Press the power button on the right side **for a few seconds**:

[curio_side.jpg](#)

2. [Optional] Insert tools

Next choose your tool you want to use, currently there are:

Tools

[curio_tools.jpg](#)

Tool	Feature
Curio Manual Blade	Tool with blade, where the tool-depth needs to be adjusted manually - adjustment and disamble by rotating the bottom scale
Curio Auto Blade	Tool with blade, where the tool-depth can be adjusted with the software, it then drives into the left side of the machine and presses mechanically the tool down - press the bottom to manually set the tool-depth
Curio Pen Holder	Tool for a penn, which can be tightend on the top, an the top part can be changed for different pens
Self Build manual tool	Self printed manual tool, like the above, but to adjust it, rotate on the top - rotate the bottom to change the blade

All tool belong into **SLOT 1**.

Load A Tool

Then you can use the 'Tool Change' button to move the machine to the front or back (arrow keys) and insert the tool.

[curio_buttons.jpg](#)

Then to change the tool, pull on the latch, place the tool and push on it.

[tool_change.jpg](#)

3. Place Material

Before placing the material:

- remove the protective film placed on the cutting area (**place it back when finished**)
- activate the electrostatic bed with the '**static**' button, it **takes a while** to charge up the material

[curio_buttons.jpg](#)

Then optionally change the/place a cutting mat if your material is not flat enough/bends up. (Cutting mat is **optional** but especially very bend materials hold better on it)

It should be **flat and stuck** on the bed, so **not easy to move away**.

[curio_material.jpg](#)

4. Make a test cut

Blade Depth Guideline

[blade_depth_guide.png](#)

Adjust the settings

Open [Silhouette_Studio_Logo_small.png](#) Silhouette Studio and go to the top right tab '**SENDEN**' (send).

There you can adjust the Settings for the tool.

The most important part is the second box from the top '**Schneiden**' (cut).

Description	Image
'Klingentiefe' (cutting depth) - is only used for the auto knife depth tool, the other ones need to be adjusted manually, but THE MOST IMPORTANT 'Anpressdruck' (contact pressure) - is the pressure/z offset used to go into the material - higher for harder materials, lower for softer to not rip it' - not that important 'Durchgänge' (rounds) - the number of repetitions 'Geschwindigkeit' (speed) - i guess the percentage from max speed - lower for more complex structures to cut	Silhouette_Studio_Settings.png

Make the cut

Drive to the position you want to test with the arrow keys on the machine.

MEASURE THE THICKNESS with the button on the machine.

- When you use **reflective media, apply masking tape** and then detect the thickness at that position.
- The sensor is attached to the bottom of the **Tool Holder 2**.

[curio_test_cut.png](#)

5. Import and Prepair in software

- save your graphic in **DXF R12** format and import it in Silhouette Studio in 'File'-'>'Open...' ('Datei'-'>'Öffnen...')
- **make sure, it has the right size** (the software is not that nice for adjustments afterwards)

[Silhouette_Studio_import.png](#)

- then go to the '**Send**' (Senden) tab and adjust positioning and settings

[Silhouette_Studio_Prepair.png](#)

For the operations:

- **Cut ("Schneiden")** means cut along **ALL paths**
- **Cut Outline ("Rand schneiden")** means cut **ONLY OUTER PATHS**, so only around your image

[cut_cut_outline.png](#)

TODO Pass Markings

6. Start cutting

- and if everything is alright, start cutting by **sending ('SENDEN')**

[Silhouette_Studio_confirm.png](#)

Here it shows just a step by step guide plus the setting for material depth perception. **If you did it before**, just press **deactivate ('DEAKTIVIEREN')** to turn it of.

Then again press **send ('SENDEN')**

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