

# On Printing & Programming a CNC

N. Schäffler, R. Schramm, Th. Weber



# Quellen

## Ideen:

- <https://www.thingiverse.com/search?q=cnc&dwh=165b394bec626ec>
- <http://www.instructables.com/id/DIY-CNC/>

## Material:

- <https://smile.amazon.de>
- <https://conrad.de>
- <https://www.motedis.com/>
- <https://www.pololu.com/>

## Bilder:

- [https://en.wikipedia.org/wiki/Stepper\\_motor#/media/File:StepperMotor.gif](https://en.wikipedia.org/wiki/Stepper_motor#/media/File:StepperMotor.gif)
- <https://www.pololu.com/product/2133>
- <https://wiki.london.hackspace.org.uk/w/images/d/d8/Shapeoko2-Arduino-CNC-Shield-V3-Layout.jpg>

## Videos:

- <https://www.youtube.com/watch?v=Uour24pwFbg>

## Elektronik und Programmierung:

- <https://github.com/gnea/grbl/wiki>
- <https://www.electricaltechnology.org/2016/12/stepper-motor-construction-types-and-modes-of-operation.html>
- <https://www.autodesk.com/industry/manufacturing/resources/manufacturing-engineer/g-code>
- <http://www.instructables.com/id/How-to-write-G-code-basics/>

