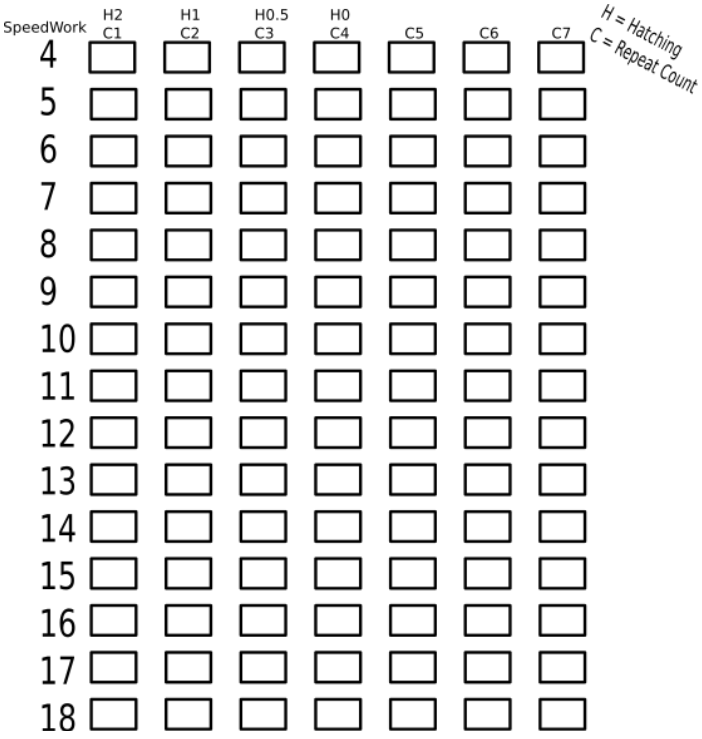


LASER MATERIAL SPEEDTEST

October 2017

HOW TO FIND OUT THE BEST SETTING FOR MY MATERIAL

IN THIS TUTORIAL

How to use the Laser Material Speedtest

by Julien Doolaeghe (www.archireel.be)

When I started to use the Laser Pro head I have got difficulty to find out the best settings for the material I was planning to use. Then instead of the usual pattern of the trial and error that most people do, and I do it often. I thought about creating a gcode that can be used once for all on each material that you receive.

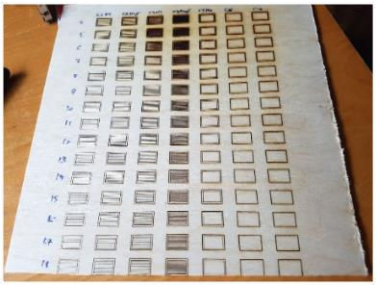
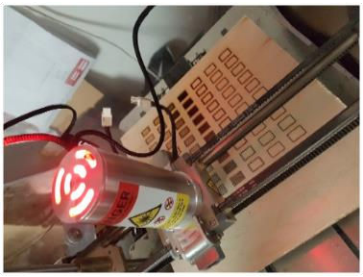
Then you will probably lose some time to run that test. **TEST DURATION: 1h45**

This could be optimized by doing some sub test, which can respond to you need and a shorter timeframe.

What is in the Gcode

In the Gcode I made a matrix of the Workspeed with the number of repeats.. and also used the Hatching to see the result at that speedwork too

ROW: The row is representing a specific speed work, starting from 4 to 18

COLUMN: The column is having an increase in the number of repeat, starting from 1 to 7. The H indicate the spacing defined in the hatching, starting from 2mm to 0mm

Remarque: In this gcode I haven't use the drop length it has always been set to zero