# Virtual 3D Printer

## Configuration\_adv.h Changes

1. Uncomment **#define FAN\_KICKSTART\_TIME 100**
2. Uncomment the line **#define FAN\_MIN\_PWM 50** and change the value to 35
3. Uncomment the line **#define FAN\_MAX\_PWM 128** and change the value to 255
4. Uncomment the line **#define QUICK\_HOME**
5. Uncomment **#define LCD\_INFO\_MENU**
6. Uncomment **#define STATUS\_MESSAGE\_SCROLLING**
7. Uncomment **#define SDCARD\_READONLY**
8. Uncomment **#define LONG\_FILENAME\_HOST\_SUPPORT**
9. Uncomment **#define SCROLL\_LONG\_FILENAMES**
10. Uncomment **#define BABYSTEPPING**
11. Uncomment **#define DOUBLECLICK\_FOR\_Z\_BABYSTEPPING**

## Configuration.h Changes

1. Find **#define STRING\_CONFIG\_H\_AUTHOR** and change the value to **“(Daniel Porrey, 3DP-Tech)"**
2. Uncomment **#define SHOW\_CUSTOM\_BOOTSCREEN**
3. Uncomment **#define CUSTOM\_STATUS\_SCREEN\_IMAGE**
4. Find **#define BAUDRATE** and change the value to **500000**
5. Find **#define MOTHERBOARD** and change the value to **BOARD\_CUSTOM**
6. Uncomment **#define CUSTOM\_MACHINE\_NAME** and change the name to "**Virtual 3DP**"
7. Uncomment **#define MACHINE\_UUID "00000000-0000-0000-0000-000000000000"** and change the value to "**3f756d04-a356-4632-ac29-15a5529378b4**"
8. Find **#define TEMP\_SENSOR\_BED** and change the value to **1**
9. Find **#define BED\_MAXTEMP** and change the value to **125**
10. Uncomment **#define PID\_EDIT\_MENU**
11. Uncomment **#define PID\_AUTOTUNE\_MENU**
12. Uncomment **#define PIDTEMPBED**
13. Uncomment **#define PID\_DEBUG**
14. Find **#define PREVENT\_COLD\_EXTRUSION** and comment the line (add // to the beginning)
15. Find **#define PREVENT\_LENGTHY\_EXTRUDE** and comment the line (add // to the beginning)
16. Uncomment **#define X\_DRIVER\_TYPE A4988**
17. Uncomment **#define Y\_DRIVER\_TYPE A4988**
18. Uncomment **#define Z\_DRIVER\_TYPE A4988**
19. Uncomment **#define E0\_DRIVER\_TYPE A4988**
20. Find **#define DEFAULT\_AXIS\_STEPS\_PER\_UNIT** and change the values to **{ 400, 400, 400, 93 }**
21. Find **#define DEFAULT\_MAX\_FEEDRATE** and change the values to **{ 5, 5, 5, 25 }**
22. Find **#define MAX\_FEEDRATE\_EDIT\_VALUES** and change the values to **{ 10, 10, 10, 50 }**
23. Find **#define DEFAULT\_MAX\_ACCELERATION** and change values to **{ 100, 100, 100, 5000 }**
24. Find **#define DEFAULT\_ACCELERATION** and change the value to **500**
25. Find **#define DEFAULT\_RETRACT\_ACCELERATION** and change the value to **500**
26. Find **#define DEFAULT\_TRAVEL\_ACCELERATION** and change the value to **500**
27. Find **#define DEFAULT\_XJERK** and change the value to **0.3**
28. Find **#define DEFAULT\_YJERK** and change the value to **0.3**
29. Find **#define MAX\_JERK\_EDIT\_VALUES** and change the values to **{ 0.6, 0.6, 0.6, 10 }**
30. Find **#define JUNCTION\_DEVIATION\_MM** and change the value to 0.08
31. Find **#define INVERT\_X\_DIR** and change the value to **true**
32. Find **#define INVERT\_Y\_DIR** and change the value to **false**
33. Find **#define INVERT\_E0\_DIR** and change the value to **true**
34. Find **#define X\_BED\_SIZE** and change the value to **190**
35. Find **#define Y\_BED\_SIZE SIZE** and change the value to **190**
36. Find **#define Z\_MAX\_POS** and change the value to **240**
37. Find **HOMING\_FEEDRATE\_XY** and change the values to **(20\*60}**
38. Uncomment **#define EEPROM\_SETTINGS**
39. Find **#define PREHEAT\_1\_TEMP\_HOTEND** and change the value to **207**
40. Find **#define PREHEAT\_1\_TEMP\_BED** and change the value to **60**
41. Find **#define PREHEAT\_1\_TEMP\_CHAMBER** and change the value to **0**
42. Find **#define PREHEAT\_1\_FAN\_SPEED** and change the value **255**
43. Find **#define PREHEAT\_2\_TEMP\_BED** and change the value to **70**
44. Find **#define PREHEAT\_2\_TEMP\_CHAMBER** and change the value to **0**
45. Find **#define PREHEAT\_2\_FAN\_SPEED** and change the value to **255**
46. Uncomment **#define SDSUPPORT**
47. Uncomment **#define INDIVIDUAL\_AXIS\_HOMING\_MENU**
48. Uncomment **#define SPEAKER**
49. Uncomment **#define CR10\_STOCKDISPLAY**