VARIABLES

1. ***Extruder***: Bowden (1) or direct (*2*).

2. ***X Axis***: Bed (12) or extruder (26).

3. ***Screen:*** 7 segments (5), 16 bit (9) or Raspberry Pi (31)

4. ***Hotend***: Double (21) or mono (13)

# EXTRUDER

## BOWDEN

Anycubic Reprap 1.75 ([Amazon](https://goo.gl/T8Ixts))

## DIRECT

Geeetech MK8 ([Amazon](https://goo.gl/rABldx))

# X AXIS

## BED

Smooth rods Ø8mm x4

## EXTRUDER

Smooth rods Ø8mm x2

# SCREEN

## 7 segments

SODIAL LCD Smart ([Amazon](https://goo.gl/pJdMcn))

## 16 BIT

Anycubic LCD Graphic Smart ([Amazon](https://goo.gl/2zA1fM))

## RASPBERRY

Raspberry Pi 3 ([Amazon](https://goo.gl/kTZ3XC), Element14)

Raspberry Touch Screen ([Amazon](https://goo.gl/O4HSAA), Element14)

# hotend

## Mono

Toogoo J-Head ([Amazon](https://goo.gl/XQPB0C))

## DOUBLE

E3D Chimera ([Amazon](https://goo.gl/BbtkJ3))

NECESSARY

# Electronics

RAMPS 1.4 ([Amazon](https://goo.gl/AfQtsk))

Arduino Mega Clone ([Amazon](https://goo.gl/46FHQM))

Pololu A4988 Driver ([Amazon](https://goo.gl/qXISMn))