Three options:

1.

Print Radianprinterbase.slt

2.

Print Thetamotormount.stl

Pipemount-wire.stl

3.

As pictured – print:

Pipemount-wire.stl

Thetamotormount-justpipemount.stl

Radianprinterbase2-chopped.stl

For all, print:

|  |  |
| --- | --- |
| Item | Number |
| Bed.stl or use a sheet of plywood and pipemount.stl for support | 1 |
| PSUmount.stl if using ATX PSU and option 2 or 3 | 2 |
| Bedtiedown if issues with bed lifting | 1 of each |
| Gantry-z-slider | 2 |
| Idlerradrod | 1 |
| Motorothersideradrod | 1 |
| Motorradrod | 1 |
| Radianprintercoupler if using option 1 or 3 | 1 |
| Radiuscarrage | 1 |
| Thetamotortop for option 1 or 3 | 1 |
| Zmotormount | 2 |
| Zthreadedrod | 2 |
|  |  |

Also needed are: GT2 Belt

Gt2 belt lock (small rectangle to put belt in to make it a loop) such as <https://www.thingiverse.com/thing:1719926>

GT2 idler pulley with 5mm center bore, same as piper2

5mm Bolt

Gt2 pulley for nema 17 motor

4 Nema 17 motors

Ramps or other control board

A home switch

V6 or Jhead

Bowden tube

Extruder such as titan

Ptfe tube for extruder and for zslider

ATX Power supply

#6 nuts and bolts

M3 nuts and bolts

Nema 17 to leadscrew (x2)

Leadscrew and nut (x2)

Nema 23 or planetary gear reduced nema 17

Brass sheeting for flexibed

608 skate bearings for bed tie down (plus 5-16 in bolts and nuts or M8 nuts and bolts)

Wood if using options 2 or 3 (plywood and 2x4s)

See <https://youtu.be/Pi0Z8N-739Y>