

Z-Axis Rail Support - WA-070-S

Part in Context

It is important to note that it would be good to create two of these parts so the a CNC spindle, or extruder can be swapped out efficiently.

Like the Y-Axis Rail Support (WA-040-S), this part serves as the structure to hold the steel rails for the z-axis. Additionally, this rail support will also serve to hold the extruder mechanism for plastic printing, or spindle (router/Dremel) for CNC operations. To enable this structure to move up and down, a motor is fastened to the top of this structure, connected to a lead screw that is connected to an anti-backlash nut on the Z/Y Plate (WA-050-S).

