

Filament is led to the extruder

Filament spool

The **Extruder** uses torque and a pinch system to feed and retract the filament precise amounts.

A heater block **Hot End** melts the filament to a useable temperature

The heated filament is forced out the heated nozzle at a smaller diameter

The extruded material is laid down on the model where it is needed.

The print head and/or **Bed (Plate)** is moved to the correct X/Y/Z position for placing the material

