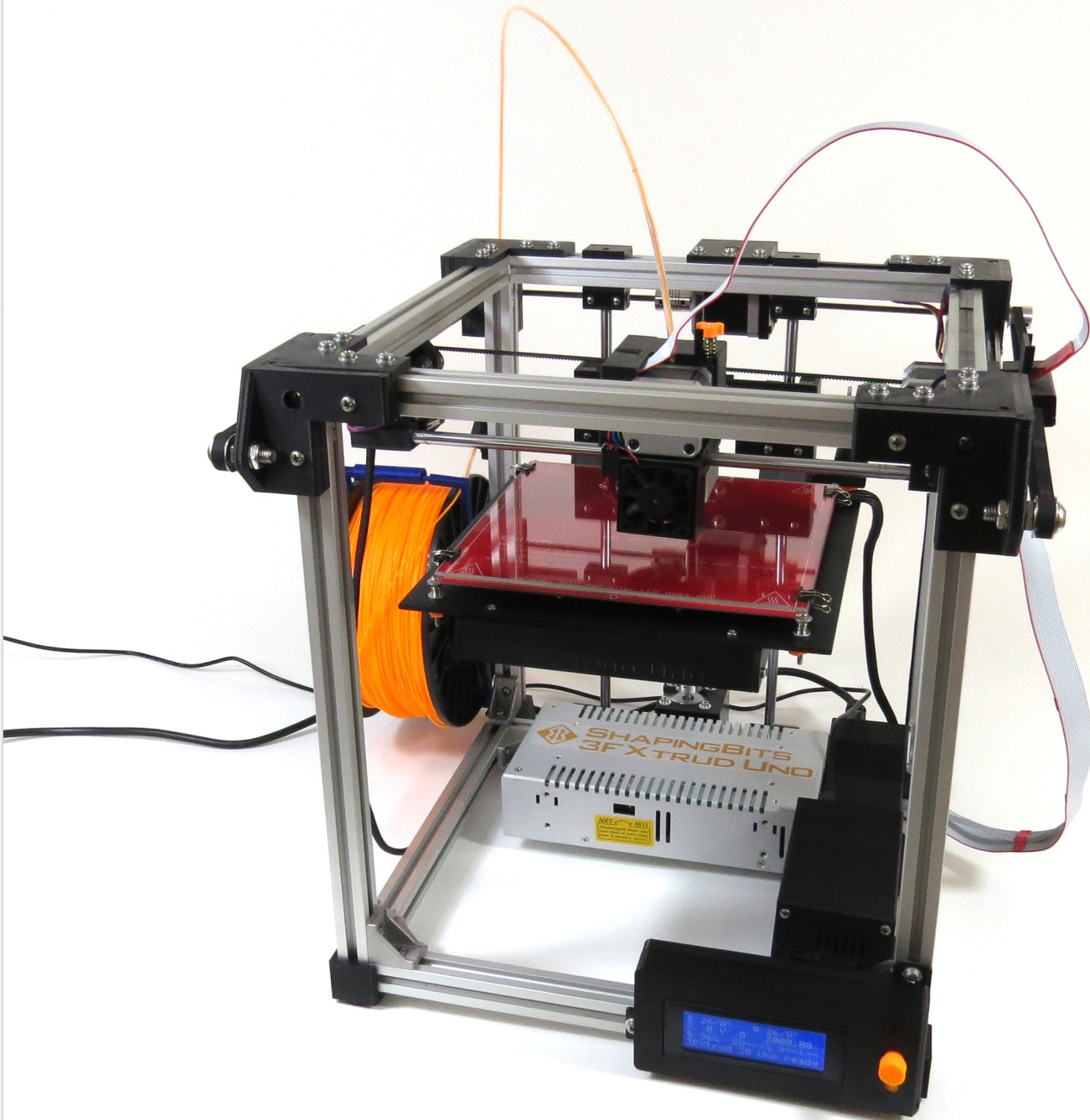


SHAPINGBITS



**3FXTRUD UNO
MULTI-MATERIAL 3D PRINTER**



COMPLETE FEATURE LIST SHAPINGBITS 3FXTRUD UNO

Covers model size 20 and 25

1 Overview

ShapingBits 3FXtrud Uno is a single extruder 3D printer with advanced features for easy 3D printing in a variety of engineering thermoplastic materials.

It builds functional objects with material properties matching your applications. High-strength, flexible, rubbery, and renewable parts can all be 3D printed with our universal extruder system.

2 Multi-material universal extruder

- All metal construction excels at printing a large range of thermoplastics, from renewable to engineering grade thermoplastics.
- Specifically designed to print thermoplastic materials with very different physical properties, from soft and compressible (rubbery) to hard and high strength, and from low to high temperature melting.
- operates to 280 °C standard.

3 Heated bed and removable surface

- A high temperature 130 °C heated bed for improved adhesion for a large range of thermoplastic materials.
- Universal printing surface: a very smooth, flat, and removable glass build surface which works for many materials in conjunction with water dissolvable coating.
- removable high temperature glass bed allows for easier process control and higher throughput.

4 Engineered to last

- **Aluminum cube:** stiff and dimensionally stable aerospace aluminum alloy frame.
- Linear motion with high quality hardened rails and precision linear bearings.
- hardened precision Z drive rod.
- High power stepper motor drives for continuous use.
- All metal extruder system for long life.

5 Easy user experience

- Automatic bed tilt measurement with software compensation for very easy setup and operation.
- simple nozzle replacement.
- USB and standalone printing.
- Same multi-material extruder for a large range of thermoplastics means no tool change is ever required.
- Tool-less extruder setup for materials with different physical properties.

6 High resolution

Reliable long term operation with down to 40 micrometers layer height resolution.

- Structural frame designed to minimize vibrations.
- High precision linear motion components for high resolution and reliable operation.
- high resolution stepper motor drivers.

4 Open software

- easy 3D printing for supported materials with provided standard settings.
- open software is a proven technology developed collaboratively. It allows you to benefit fully of the newest developments, and gives you full control over the 3D printing process.
- Multi-software compatible: freedom to use any number of 3D printing software: [Repetier-host](#), [Slic3r](#), [Printrun](#), [MatterControl](#) etc.

5 Open filament

Open filament gives you the freedom to experiment with any number of materials and you are free to choose and experiment with the newest materials as they come to the market. This is an investment in the future.

We have an ever expanding selection of supported materials with standard settings for fast setup and easy 3D printing!

6 ShapingBits support

ShapingBits support is ready to help

We are available online six days a week to help ShapingBits 3FXtrud owners with their additive manufacturing projects, from hardware and software use to general 3D printing guidelines.

info@shapingbits.com [Mon–Sat, 9 AM–6 PM MST].

Videos and technical data @ www.shapingbits.com

