



MACHINA

3D Printers and Services

Quickly and economically turn your ideas into full 3D printed models.

The Machina Mk2 X20 3D Printer uses cutting edge technologies such as the innovative Hardware Vibration Dampening Tech - HVDTech(tm) to build the highest quality, most accurate and consistent multi-material parts available in its class.

With Dual Z Axis stage unmatched by any other comparable machine, heat management via active and passive systems, easy front loading of filament and a superbly easy to load/unload extruder system, the Machina Mk2 is the 3D Printer you have always wanted.

Capable of printing over 30 materials and uniquely capable of printing with composite materials such as wood, cork, bronze, copper, glow in the dark, flexible, ultra-flexible and rubbery materials, the Mk2 is one of the most versatile and future proof machine in the industry.

The Mk2 is perfect for a variety of applications including robotics, art, molds, multi-material assemblies, rubber-like components and rapid prototyping or educational purposes.

Easy to use, office and school friendly

Ideal for everyday use in any office or school

Eco-friendly, bio-degradeable materials

Build multiple models at once

Requires minimal training to operate

Low operating cost

Part cost is a fraction of competing rapid prototyping technologies

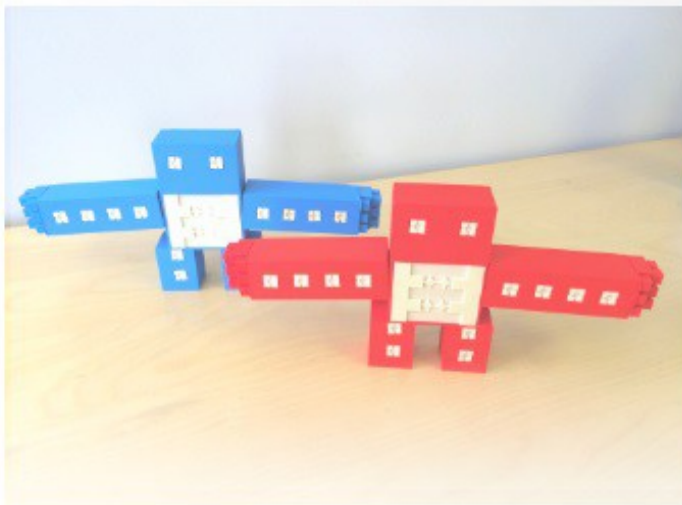
Multi-Material Capable

Virtually unlimited material capable design



Technical Data

Technology	Fused Filament Fabrication
Build Volume	250 x 210 x 250 mm (x/y/z)
Min Resolution	20 Microns
Default Resolutions	100 Microns - Ultra Fine 150 Microns - Fine 250 Microns - Medium
Material Feedstock	1.75mm Filament
Material Type	PLA, PET, Woodfill, Cork, Bamboo, Bronze, Copper, Brass, SoftPla, NinjaFlex, etc - many more available.
Heatbed	Yes, up to 110Celsius
Print Nozzle	0.4mm - stock 0.3/0.6/0.8mm available
LCD/SD Card	Yes



Power Requirements	100 - 240 Volts
Operating Systems	Windows (XP+) Mac OS X (9+) Unix (Debian)

Non-modified
Right off the printer
No digital edit
Wood Filament

0.15mm layer
(150 microns)

PLA with
Glowfill
highlights
assembly

