

RapMan 3.1

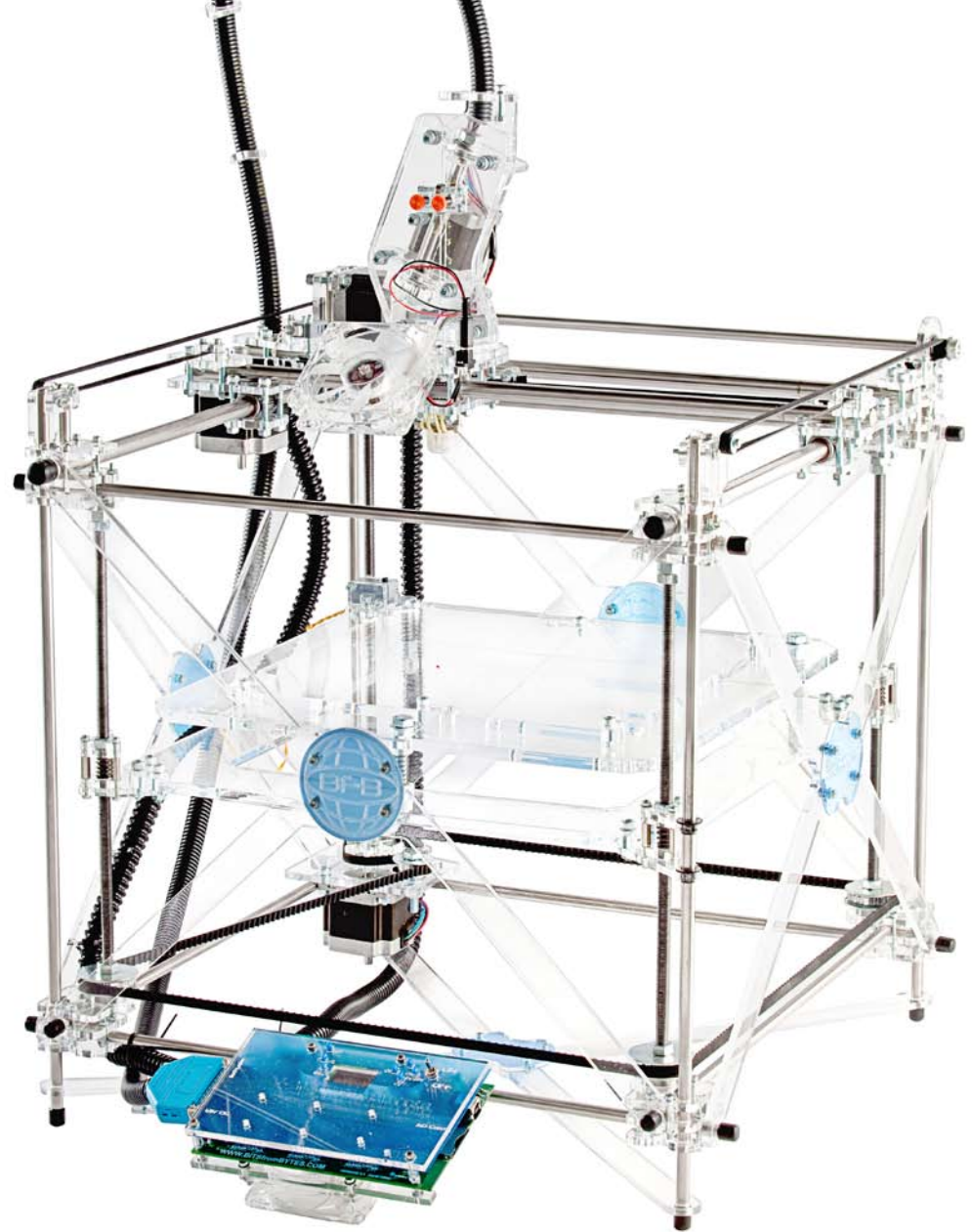
**A perfect machine for Education
and Hobbyists alike**

RapMan 3.1 is the first cost effective 3d printer on the market, with inexpensive materials and no maintenance contracts.

It is opening up many possibilities for education and hobbyists alike.

It's two great learning experiences in one small package, which means everyone can achieve 3D printing.

It reduces the cost for schools/colleges and increases the opportunity for students.



BITS FROM BYTES

Unit 17, Hither Green Industrial Estate, Clevedon, Bristol BS21 6XU

Tel +44 1275 873792 Fax +44 1173 150 457

Email sales@bitsfrombytes.com Web www.bitsfrombytes.com

Enjoy the build and let a class learn about basic engineering and assembly skills

It can take between two and three working days from opening the box to printing your first parts. The build is fantastic, a gentle and enjoyable learning experience on its own, where you learn about many different parts of engineering, without really knowing it! The best part is once you've built it you maintain it, so you don't have to pay someone else to!

Printing, exploring, designing and developing

Once built and after some calibration, away you go and print. It's as easy as one, two, three. One, draw your model in a form of 3d CAD, export your file to STL format, Two, import it into the Netfabb RapMan engine, process to G Code and download to an SD card Three, insert the SD card into RapMan 3.1, turn it on and print. You now have a tool allowing you to cost effectively explore initial design, develop it and from your findings, turn it into a finished item. It can also be used as a low volume manufacturing tool. Who knows where you will end up?!?

Understand, interact and educate

Rapman 3.1 has been designed to be as open as possible, to allow the users to see their creation while it is being built increasing the opportunity of understanding and allowing interactive education. With RapMan 3.1 teachers have so many different ways to take subject matter and turn it into a fun and enjoyable learning experience

Overall Width	650mm
Overall Length	570mm
Overall Height Inc Extruder	820mm
Overall Height Exc Extruder	510mm
Weight	17KG
Maximum Power	60W (5A @12V)
Extruder Temperature	270c – Filament Dependent
Print area	275 x 205 x 210mm
Print Speed	Maximum 15mm3 per second, print and polymer dependent
Tolerance	X and y movement 0.05mm z resolution 0.2mm

Affordable initial investment

Price options start from £750.

Cost-effective modelling

Polymer prices from £40 per kg.

No maintenance contracts

Designed to be easily maintained by the end user.

Easy to build

Comprehensive step-by-step picture and text manual, complemented by a 3D on-screen pdf manual.

RapMan 3.1

Education friendly

A cost-effective solution allowing hands-on teaching of core engineering skills, while giving young minds the ability to create who knows what? Hopefully our future!

Low cost Netfabb RapMan engine conversion software

As a recommended additional option to simplify the user experience without losing advanced user functionality.

