



Build size	28.5 x 15.3 x 15.5cm	24.6 x 15.2 x 15.5cm 4cm shorter as a result of dual extruders
Machine size	49 x 32 x 38cm	49 x 32 x 53.1cm - 15.1cm taller because of hood
Layer Height	0.1 - 0.34 (you specify per print)	
Extruders	1	2
Media Capability:	PLA only!	You can print using ABS, PLA, PVA, Nylon thread and other experimental filaments . This machine is not named the <i>experimental</i> for nothing. This machine is for the adventurous experimenter and sets you in good stead for and new filament developments in this rapidly expanding and improving industry.
Enclosed	No	Yes - perfect for ABS printing
Filament Feeder System	Comes with adjustable plunger. Upgrade to amend to "constant force, never touch" system. Available through us	Makerbot have reengineered their extruder and filament feeder system for easy loading and maintenance. It now sports a "constant force filament feed system" that reduces skipping, slipping and filament jamming.
Bed	Perspex	Makerbot have redesigned the heated build platform in cast and machined aluminium to prevent warping and sagging. It is also anodised for durability; and engineered to be much more efficient at spreading heat.

WHY CHOOSE 2X OVER 2?

ABS vs PLA vs OTHER FILAMENTS: PLA is easier to print with, and stronger in most environments. However it is not good in wet application, or under flex tensions. The **Replicator 2X** provides you with the option to experiment and take advantage of new developments in filament. As the filament industry is in its infancy there are loads of new and exciting developments, like nylon and wood filaments. Those who do not require a heated bed will work on the Replicator 2, however others, like nylon, will need the Replicator 2X

DUAL-STRUSION CAPABILITIES:

The Original (plywood) **Makerbot Replicator** took a giant leap forward, bringing us *Dualstrusion* - 2 colour or even media printing! The Replicator 2X takes Dual Extrusion to the next level! Empowered by new dual-strusion tools in makerware, this machine opens up whole new possibilities. Plus Firmware improvements have reduced filament reversal, retraction, and over-run, meaning more definition between colours.

DO YOU NEED DUALSTRUSION? Obviously this gives you dual colour printing, but it also provides the flexibility to experiment with designing using dissolvable support material, for example.

Still not sure? Give us a call and we'll help you work it out