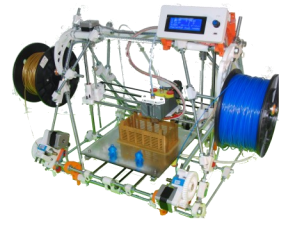




MasterRap Dual 3D-Printer Specification

**Product dimensions:**

51x50x49 cm (Spool holder unattached)
(20x19.7x19.3 IN)

Layer Thickness:

0.008 - 0.3 mm

Build platform:

Heated glass mirror platform
(250mmX250mm)

Dual extruder:

Standard

Stepper motors:

1.8° Step angle with 1/16 Micro-stepping

Body / Construction:

Steel, Engineering Plastic,
Chromium plated steel

Stepping Precision:

X: 80 step/mm
Y: 80 step/mm
Z: 4000 step/mm

Print speed:

10 – 180 mm/s

Travel speed:

30 – 300 mm/s

Nozzle diameter

0.3 mm (0.0118 IN) or 0.4mm (0.0157 IN) option

Single extruder print:

Print all at Once configuration:
Up to 23x23x19 cm (9x9x7.5 inch)
Print one at a time configuration :
Up to 23x23x14 cm (9x9x4 inch)

Dual extruder print:

Up to 20x18x18 cm

Max print. volume:

10.0 liter

Positioning resolution:

XY: 12.5 microns Z: 0.3 microns

Extruder Feature:

Filament Anti-grinding protection mechanism
Front load, easy access for quick filament change

Print bed leveling:

Easy 3 points leveling system

Filament holder:

Dual Spools accept any filament vendor

Filament materials:

Take any 1.75mm ABS/PLA filament from any vendor

Smart LCD controller:

20X4 character LCD controller,
Stand-alone offline Printing from SD

Printing method:

Print from SD, Print from USB

Filament Diameter:

1.75 mm

Compatible Software

Repetier Host(Free)
Cura (Free)

File format:

STL, G-code

Operating systems:

Windows, Mac OS X, Linux

Nozzle temperature:

175° – 265° C

Connectivity:

USB (included)

Operation heated bed temperature:

25° – 110°

Power Supply: (Not provided)

DC 12V 20A required



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