olivetti

OLIVETTI 3D
S2

The Olivetti 3D-S2 is the new **3D printer** specifically designed for small to medium-sized enterprises engaged in the digital transformation process.

With its **large format printing capacity** (up to 400x400x400 mm) and **high printing speed** (over 150 mm/sec) the Olivetti 3D-S2 is one of the best performing 3D printers in its reference category, allowing objects of even considerable dimensions to be built quickly.

The mechanical and electronic quality of objects meeting industrial standards, and the great **flexibility** and **reliability** demonstrated by its capacity to produce objects in any kind of **thermoplastic** material - also filled-up with wood, plastic, carbon and marble - give the Olivetti 3D-S2 additional cutting edge and make it a reference point for 3D printers designed for professional use.

The use of "**open source**" hardware and software **components** ensures easy implementation of new features.

INDUSTRIAL QUALITY AND RELIABILITY

LARGE FORMAT PRINTING AREA

VARIOUS PLASTIC MATERIALS WORKED

DIRECT PRINTING FROM SD CARD POSSIBLE WITHOUT USE OF PC

DUAL EXTRUDER

3D PRINTER

Heated bed for high operating temperatures

Linear guidance system with ball bearings for centesimal precision

Large formats, multi-materials, multi-colors, infinite number of applications

TECHNICAL SPECIFICATIONS

GENERAL FEATURES

Anodized aluminum body 45x45 mm radial

Panels in polycarbonate

Dual Extruder

Nozzle diameters from 0.30 mm to 0.80 mm

Direct printing from SD card possible without PC

Integrated LCD control panel

Printing area 400x400x400 mm

Large heated bed

Printing speed 150 mm/s

Precision tolerance, excluding material retraction (X-Y axes) 0.08 mm

LCD PANEL FEATURES

Parameters modifiable during printing:
- Printing speed
- Extrusion temperature
- Heated bed temperature
- Flow rate
- Filament loading and unloading calibration
- Printing and axes movement pause

TECHNICAL SPECIFICATIONS

Printing area 400x400x400 mm

Print volume approx. 64 liters

Nozzle diameter 0.80 mm layer thickness 0.20 mm (0.40 mm recommended)

Nozzle diameter 0.40 mm layer thickness 0.10 mm (0.20 mm recommended)

Nozzle diameter 0.30 mm layer thickness 0.05 mm (0.10 mm recommended)

EXTRUDER

Maximum temperature 280° C

Filament 1.75 mm

Nozzle 0.30/0.40/0.50/0.60/0.80 mm

RECOMMENDED SOFTWARE

Repetier host

Slic3r

Cura

PRINTING MATERIALS

PLA, ABS, NYLON, RUBBER, HIPS, PET, SPECIAL FILAMENTS (filled-up with wood, plastic, carbon and marble)

Diameter 1.75 mm

DIMENSIONS AND WEIGHT

900x900x1,200 mm (WxDxH)

98 Kg / 216 lb

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CE