



ALCHEMIST

3D PRINTER

A530



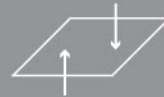
PRINTING AREA
530x250x250 MM



MINIMUM LAYER HEIGHT
50 MICRON



MAXIMUM NOZZLE TEMPERATURE
350°



AUTOMATIC CALIBRATION OF
THE PRINT SURFACE WITH
AUTOMATIC COMPENSATION

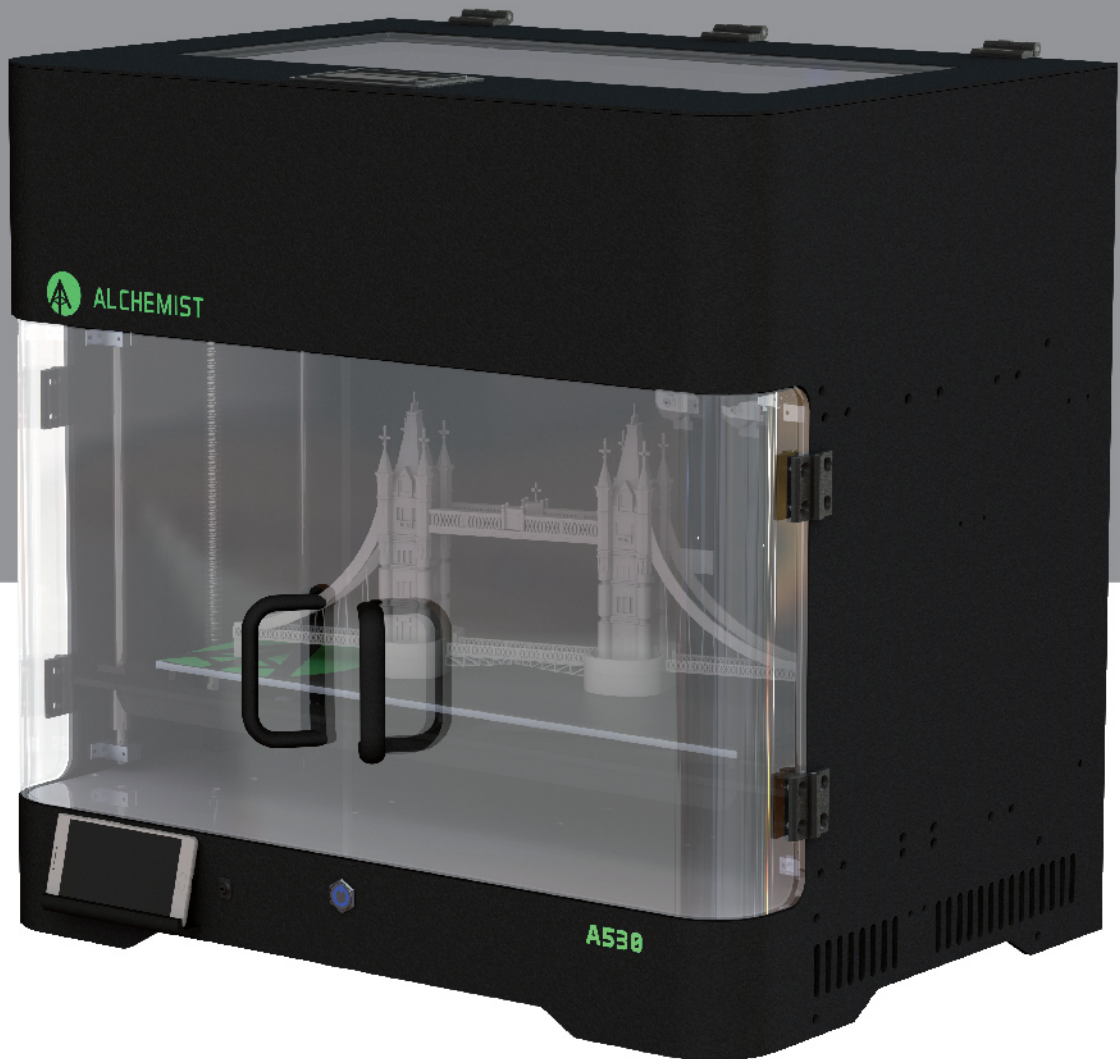
GENERAL FEATURES

- + Maximum speed 200 mm/s or material limit
- + Print bed heated up to 130°
- + Minimum layer height 0.05 mm
- + Automatic calibration of the print surface with automatic compensation
- + Double extruder, titan bowden type with 3:1 gear reduction for maximum accuracy
- + Double hot end using E3D chimera and volcano, ideal for very fast prints and soluble supports
- + Maximum nozzle temperature 350°
- + Ionic air filter, for particles up to 100 nanometers
- + Integrated remote control with 1080 p webcam
- + Industrial grade motion system with ballscrew and miniaturized precision linear guides
- + Interchangeable nozzle from 0.2 up to 1.2 mm

APPLICATIONS

+ MECHANICAL ENGINEERING + ARCHITECTURE + JEWELRY + MEDICINE + EDUCATION + CONSUMER PRODUCTS





SOFTWARE

- + Remote control via smartphone or web interface
- + Stand alone printer using SD card or cloud
- + Open source firmware with frequent updates
- + Open system, compatible with Simplify3d (recommended), Cura, Slic3r etc.
- + Preconfigured print profiles for most used materials and slicers



FILAMENTS

- + Open system, compatible with all the 1.75 mm thermopolymer with an extrusion temperature up to 350°



CONSTRUCTIVE FEATURES

- + EXTERNAL DIMENSIONS 750x780x550 mm - WEIGHT 50 kg
- + Powder coated aluminium frame
- + Full enclosure, ideal for materials that suffer delamination and warping while printing



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