

3D LIMITLESS

3D PRINTERS MANUFACTURING / 3D DESIGN AND 3D PRINTING

3D LIMITLESS ILC 3D PRINTER

Welcome to the limitless revolution

TECHNICAL CHARACTERISTICS

MATERIAL

Lasercut parts made from 5754 Aluminium Alloy, precision anodized aluminium profiles. Robust and durable, maintenance-free.

MOVEMENT

Linear precision movement, Delrin wheels with double sealed bearings. TR8 precision spindle on Z Axis.

PRINTABLE AREA

200x 200x 260 mm.

POSITIONING RESOLUTION

0,01875 mm in X,Y axes; and 0,00250 mm in Z.

PRINT QUALITY

Layer Height from 0,05 mm to 0,3 mm.

(0,4 mm Standard nozzle, other nozzles are available as an option).

PRINT SPEED

30 m/s - 150 m/s.

AUTOLEVELING

Built-in

HEATBED

Aluminium made, tempered glass print surface, up to 130° C temperature, SSR controlled, 220V powered heatbed. Double thermal security system.

PRINT MATERIALS

Any thermoplastic brand in spools, 1.75mm diameter filament (PLA, ABS, ASA, Copolymer, Nylon, PC, PET, Carbon, graphene...

MOTORS

Stepper motors, Nema17 high torque standard

UNATTENDED PRINTING

From SD card

SCREEN

LCD with status control and unattended printing features.

PHISICAL DIMENSION

480 x 460 x 570 mm.

WEIGHT

10,20 Kg.

POWER

220 V.

POWER CONSUMPTION

440 W/1.8A max.

CONNECTIVITY

USB 2.0.

SOFTWARE

Repetier Host, Cura and Slic3r for Windows, Mac Os and Linux. All OpenSource software.

FIRMWARE

Based in Marlin OpenSource, upgradeable via USB.

SUPPORTED FILES

STL, OBJ, AMF and DMF.

WARRANTY

Limited, up to 24 month (personal) or 12 month (for professionals and business). According to actual legislation.

CE Marking.

INCLUDE

Individual test and calibration.
User manual.
Configuration manual.
Software CD.
PLA Filament Spool 1,75 mm, 1 Kg. (random colour).
Micro SD Card 2Gb and SD Adaptor.
USB cable.
Power Cable EU-Schuko type, 1,8 m.

