Kanèsis S3D Printer

MODELS AND TECHNICAL SPECIFICATIONS

1. Mod. Huge S0305	2. Mod. Jumbo+ S0507	3. Mod. Godzilla S0711
Maximum printing dimensions	Maximum printing dimensions	Maximum printing dimensions
Diameter 30 cm Height 47 cm	Diameter 52 cm Height 67 cm	Diameter 70 cm Height 125 cm
Printer space	Printer space	Printer space
Length 54 cm Height 104 cm	Length 70 cm Height 150 cm	Length 110 cm Height 225 cm

The **S3D PRINTERS** are **FDM** desktop printers (release of material on layers) with "**DELTA**" technology.

The S3DP are **SELF-GENERATING:** every printer is able to generate one or more reproductions of itself.

Their **MINIMAL DESIGN**, together with the small number of components, make them **ELEGANT.** They are made of three aluminum columns joined at the base by three structural joints; three axes hold the extruder nozzle and a plate at the base houses the object during the printing process.

The controls are **INTUITIVE** and have practical and easy procedures that allow even the less experienced to realize any product idea.

The **PLUG & PRINT** system simplifies the transition from drawing to 3D printing, making it immediate right after switching on.

High quality printing and reliability without comparison, are contained in **SOLID**, **ROBUST** and **SILENT** structures: the basic version can be placed, in fact, in any corner of your house or in any place of work.

The printers project required **TWO INTERNATIONAL PATENTS** to distinguish them, making them **ORIGINAL, COMPACT** and **EASY TO ASSEMBLE.**

The **S3D PRINTERS** contain all the features to make an impressive production capacity, possible through our **SOCIAL FACTORY** project.

Description	u.m.	S0305	S0507	S0711
Overall dimensions (base)	mm	520x520	770x770	1000x1000
Overall dimensions (height)	mm	1100	1550	2300
Weight	Kg	22	28	40
Printing base (Diameter)	mm	310	520	700
Print height	mm	470	640	1100
Nozzle diameter	mm	0.4	0.8	1.2
Max extrusion speed	Mm/s	7	10	12
Standard filament dimensions	mm	1.75	1.75	1.75
Max filament dimensions	mm	3.0	3.0	3.0
Standard extrudable material		PLA; PET; Hemp		
Possible extrudable material		ABS; Nylon; Policarbonate		
Max extrusion temperature	°C	235	235	235
Uncertainty positioning in the plane	mm	+/- 0.05	+/- 0.06	+/- 0.07
Z axis uncertainty positioning	mm	+/- 0.03	+/- 0.04	+/- 0.05
Maximum speed in the plane	Mm/s	500	500	500
Max acceleration in the plane	Mm/s^2	1500	1500	1500