

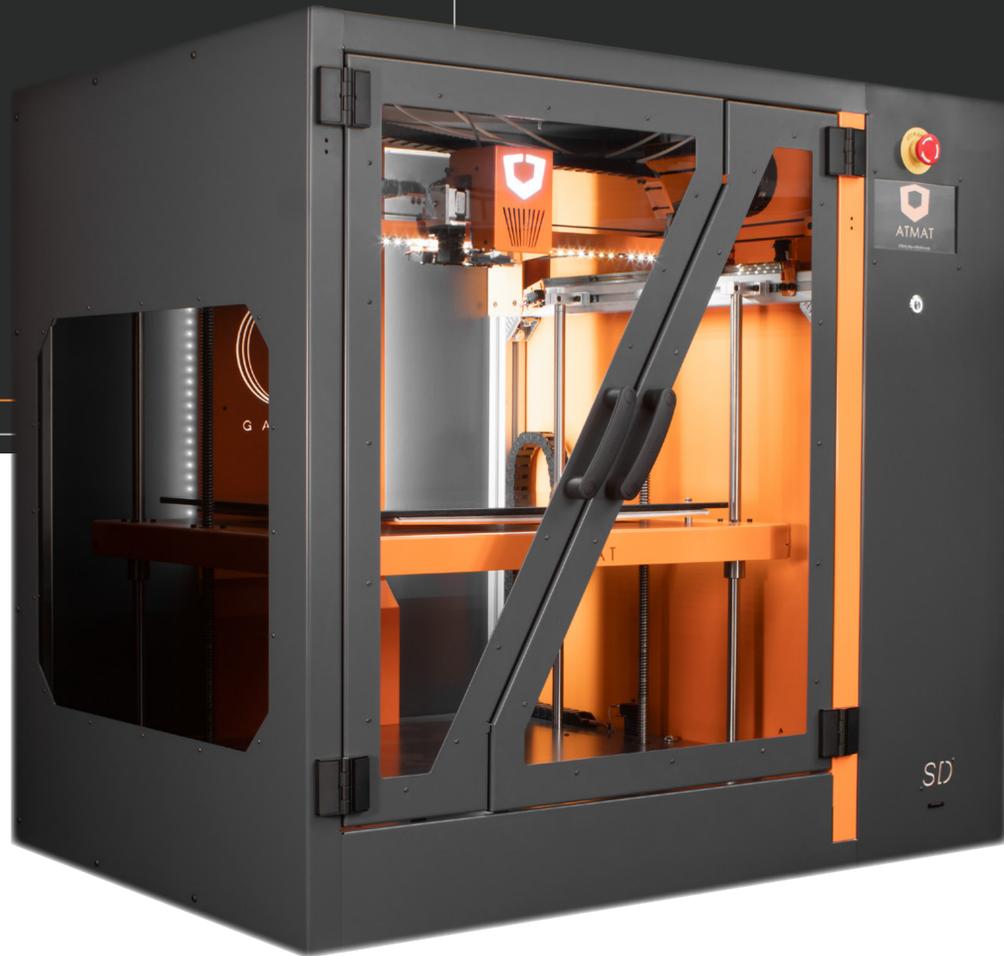


G A L A X Y



ATMAT

Reliable precision of creation

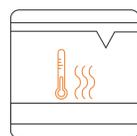


GALAXY

A solution for an industry where achieving high print quality and producing large components are important.



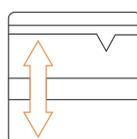
One printing head
with two extruders



Active temperature
control



Wireless
communication



Bed autolevelling

GALAXY

Technical specification

PRINTER SPECIFICATIONS

Printing technology	FFF (FDM)
Working area	X:400 Y:400 Z:500 mm X:500 Y:500 Z:600 mm
Housing	Stable, aluminum, closed construction. Separated cases for filaments and consumables.
Printing environment	Closed working area with temperature control
Max. chamber temperature	45°C
Working bed	Bed autolevelling, heated working platform
Working bed material	Granite
Max. bed temperature	140°C

HEAD

Nozzle diameter	Basic: 0.4 mm Possible: 0.25 mm; 0.30 mm 0.35 mm; 0.60 mm; 0.80 mm
Number of extruders	2
Extruder type	Direct
Max. head temperature	290°C

PRINTING PROCESS

Layer height	0.1 – 0.6 mm
Nominal printing speed	150 mm/s
HQ printing speed	80 mm/s
Maximum passage speed	200 mm/s
Positioning accuracy of the X/Y axes	7 µm
Positioning accuracy of the Z axis	1.25 µm
Software	Cura
File extensions supported by software	.stl, .obj

GALAXY

Technical specification

MATERIAL

Materials	PLA, PET-G, ABS, TPU, PC, PA, ESD Support: HIPS, PVA
Material diameter	1.75 mm
Filament form	Reel
Supported spool weights	2 x 0.85kg/1.0kg/2.5kg/4.0kg* (*in Galaxy 600 model only)

OPERATION

Communication	WiFi, LAN, USB
File extensions supported by printer	.gcode
Control	Touchscreen
Working environment temperature	15 - 25°C

GENERAL DATA

Power	230V/50Hz
Max. power consumption	1400 W
Average power consumption(for PLA)	400 W
Dimensions	1100 x 750 x 950 mm - Galaxy 500* 1200 x 850 x 1100 mm - Galaxy 600* (width x depth x height) *maximum external dimensions including printer wheels
Weight	80/90 kg

CONTENT OF THE SET



3D Printer



Maintenance kit



Cura software



2 x filament spool



1 year warranty



User's manual



ATMAT