

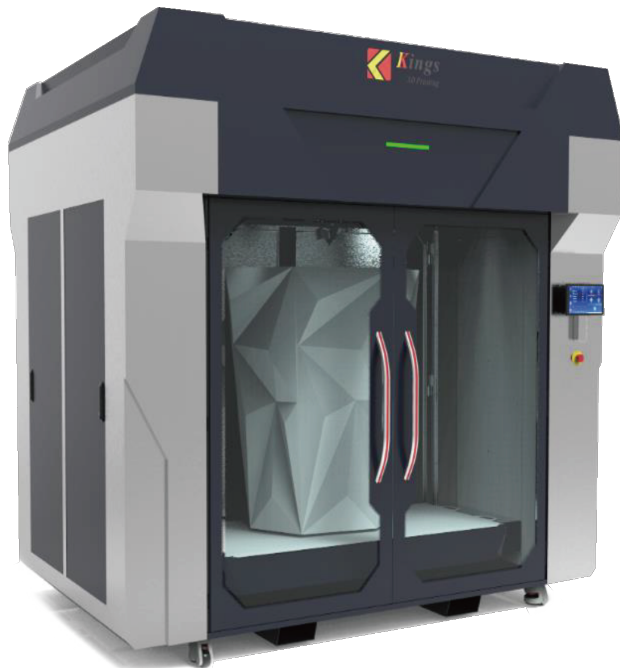


Kings
3D Printing

Kings FGF1600

Kings Industrial FGF Printers

Large Format, High Speed and High Precision



Overview

Kings FGF1600 converts raw material directly to the print bed in a granular form. It is designed to print big projects, resulting in shorter turnaround times and more reliability with low material cost, fast printing speed and the final product is with high strength.

Ideal Applications

It is widely used for sculpture making, furniture designing, mining industry, oil & gas industry, toy industry, art crafts, mold manufacturing, plaques, landscape signs etc.

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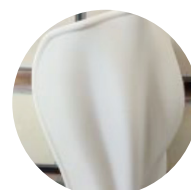
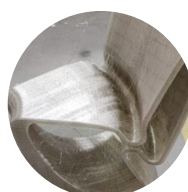
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Technical Data

Machine model	Kings FGF1600 3D Printer
Molding technology	Fused granular fabrication
Molding dimensions	(L*W*H) 1600 * 1200 *1300mm
Dimensions	(L*W * H) 2670 *2110 * 2560 mm
Working surface temperature	≤120 degrees Celsius
Workbench contact surface	magnetic platform/tempered glass
Optional nozzle diameter	1-8mm
The maximum temperature of the nozzle	≤350 degrees Celsius (500 degrees Celsius is optional)
Nozzle heating method	three-zone intelligent heating
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Printing connection method	SD/USB/WiFi
Slicing supported formats	STL/OBJ/AMF/3MF
Compressed air pressure	0.6MPa
Materials	PLA/PETG/ABS/PC/PA/HDPE/TPU/TPV/EVA PETG+GF/PPS+GF/PA+GF/ABS+GF/PC+CF/PEI+CF etc.
Material particle diameter	1-5mm
Storage hopper volume	50kg
Automatic feeder	(integrated)
Chamber heating	(option)
Drive mode	servo motor
Power supply voltage	single-phase AC 220V
Rated power	10 kW
Machine weight	1000kg



High Precision
A New Era of Design, and Manufacturing