Robotics

Fashion

Medical

Automotive
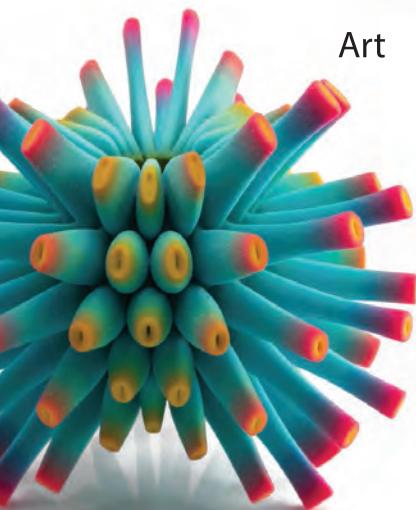
Art
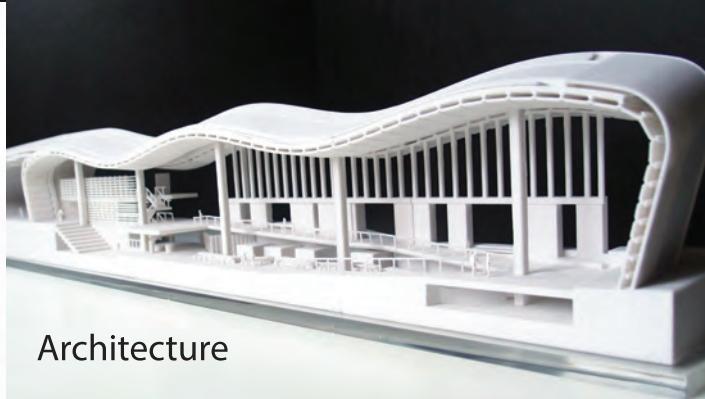
Architecture

Mechanical
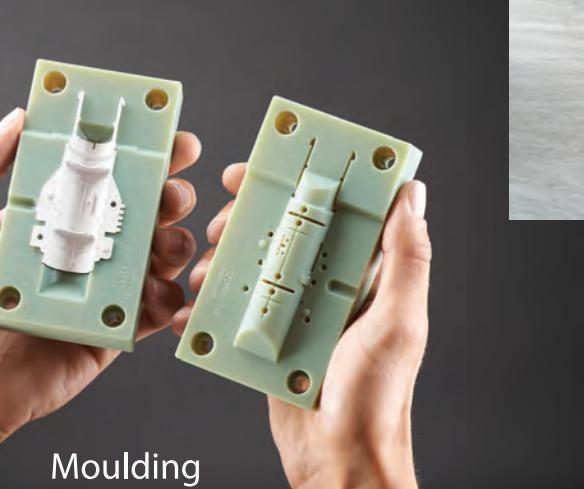
Toys

Aerospace

Prototyping

Moulding

Jewellery
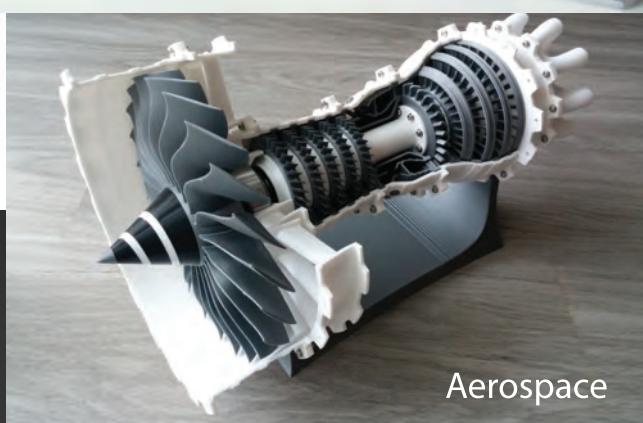
Anything...

ForceMaker

Model	S100i	S100	S160 v2.0	S220 v2.0	S320 v2.0	S600 (NEW)	x700 (NEW)
Assembly Type	Pre-assembled						
Technology	Fused Filament Fabrication (FFF)						
Build Size (mm)	100 x 100 x 100	100 x 100 x 100	160 x 160 x 180	220 x 220 x 240	320 x 320 x 340	320 x 320 x 600	400 x 400 x 700
Filaments Diameter	1.75mm						1.75mm & 3.0mm
Filament Holder	500g, 1.0kg						500g, 1.0kg, 3.0kg
Build Materials	PLA, PLA Wooden, PLA Carbon Fiber, PLA Fluorescence, PLA Silk, PLA Conductive Graphene, PETG PET, TPU, Flexible, etc	PLA, PLA Wooden, PLA Carbon Fiber, PLA Fluorescence, PLA Silk, PLA Conductive Graphene, PETG PET, TPU, Flexible, PP, PC, Nylon, ABS, etc					

Printing Parameters

	S100i	S100	S160 v2.0	S220 v2.0	S320 v2.0	S600 (NEW)	x700 (NEW)
Layer Resolution	100µm		60µm				
XYZ Accuracy (µm)	10, 10, 5		12.5, 12.5, 5				
Nozzle Diameter	0.4mm, interchangeable						
Nozzle Temperature	180°C to 260°C						
Heated Platform	Without		With				

Screen & Display

	S100i	S100	S160 v2.0	S220 v2.0	S320 v2.0	S600 (NEW)	x700 (NEW)
LCD Display	Without	With					
Screen Type	Mono				Color		
Touch Screen	Without				With (3.5")		With (7.0")
Live Printing Indicator	Without						With

Connectivity

	S100i	S100	S160 v2.0	S220 v2.0	S320 v2.0	S600 (NEW)	x700 (NEW)
SD Card Slot	Without	With					
USB Printing	Without				With		
PC USB Connection	With						

Advance Features

	S100i	S100	S160 v2.0	S220 v2.0	S320 v2.0	S600 (NEW)	x700 (NEW)
Auto Filament Loading	Without				With		
Filament Detection	Without				With		
Filament Dust Cleaning	Without				With		
Humidity Controlled Filaments	Without						With
Auto Power Off	Without				With		
Active Z Leveling	Without				With		
Smart Door Sensor	Without				With		
Hepa Filtration	Without				With		
Built-in UPS & AVR	Without						With
WiFi Connectivity	Without						With
Bluetooth Connectivity	Without						With

Other Parameters

AC Input	110/240V 50/60Hz
Warranty	18-month

ForceMaker3D.com
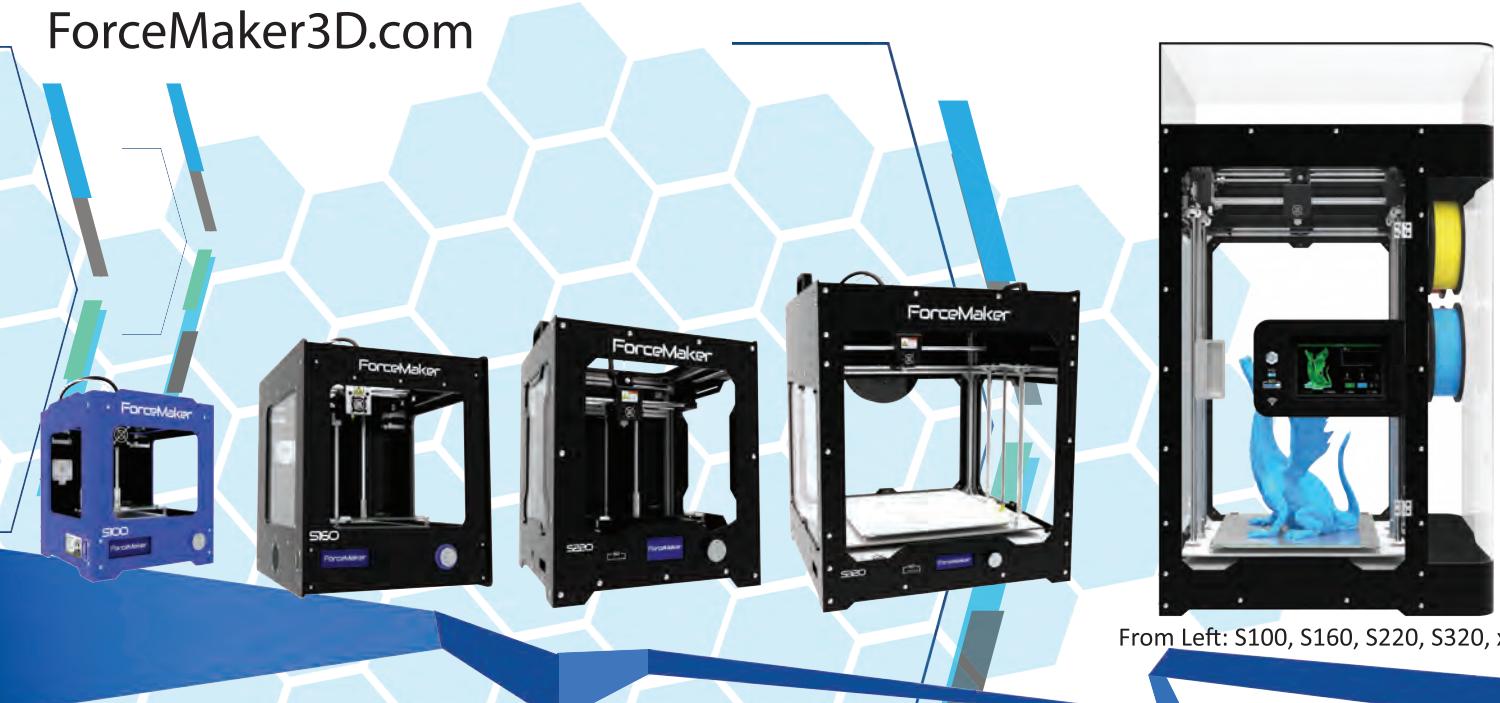
From Left: S100, S160, S220, S320, x700