

Ender-3 S1

“Sprite”, Bringing Your Ideas to Life

“Sprite” Direct Dual-gear Extruder

CR Touch Automatic Bed Leveling

High-precision Dual Z-axis



/ Specifications

Modeling Technology	FDM	Printer Size	487*453*622mm
Supported Filaments	PLA/TPU/PETG/ABS	Printing Layer Thickness	0.05–0.35mm
Nozzle Diameter	0.4mm	Number of Nozzles	1
Machine Net Weight	9.1kg	Package Gross Weight	11.2kg
Type of Extruder	“Sprite” Direct Extruder	Filament Sensor	supported
Resume Printing	supported	Rated Voltage	115/230v 50/60Hz 4.5/2.5A
Mainboard	32-bit silent mainboard	Software Language	Chinese/English
Supported File Format	STL/OBJ/AMF	Package Size	540*510*260mm
Build Size	220*220*270mm	Printing Precision	±0.1mm
Printing Speed	150mm/s at the maximum	Printing Platform	PC spring steel sheet
Filament Diameter	1.75mm	Maximum Heatbed Temperature	100°C
Extruder Gear ratio	1:3.5	Screen	Knob color screen
Automatic Bed Leveling	CR Touch	Printing Method	Type-C USB/SD card
Rated Power	350 W	Maximum Nozzle Temperature	260°C
Slicing Software	Creality Slicer/Cura/Repetier-Host/Simplify3D		

/ Product Advantages



“Sprite” Direct Dual-gear Extruder
Compared with other direct extruders, the “Sprite” is lighter and features less inertia and more precise positioning.



CR Touch Automatic Bed Leveling
Our self-developed 16-point automatic bed leveling technology saves you the trouble of manual leveling and makes leveling simple and easy.



High-precision Dual Z-axis
With a Z-axis dual-screw+Z-axis dual-motor design, Ender-3 S1 works smoother and more synchronously to lower the possibility of lines and ridges on the sides of your print, thus improving the printing quality.



PC Spring Steel Printing Platform
The innovative printing platform is a combination of a PC coating, a spring steel sheet and a magnetic sticker.



Low-noise Design
The brand-new 32-bit silent mainboard runs at low decibel levels, greatly reducing noise to let you enjoy your printing.



4.3-inch LCD Screen
Ender-3 S1 features a brand-new UI interface to facilitate simple interaction that allows you to experience operation by knob.



Quick Assembling
96% of the printer body is pre-installed, making assembling extremely convenient with only 6 steps and the maintenance of the printer simple and easy.



Power Loss Recovery and Filament Sensor
Ender-3 S1 features the function of detecting filament runout or breakage/power loss and resume printing after recovery. By accurately recording the printing data at the time of power outage/filament runout or breakage, it helps to avoid the waste of filaments and time caused by accidents.



Strong Expandability
With a wide variety of preset interfaces for laser engraving and LED lamps, Ender-3 S1 offers more functions for you.

