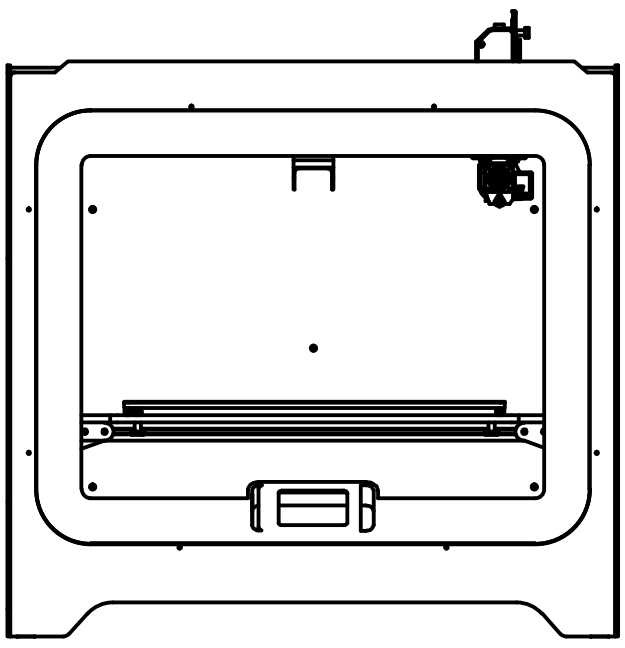
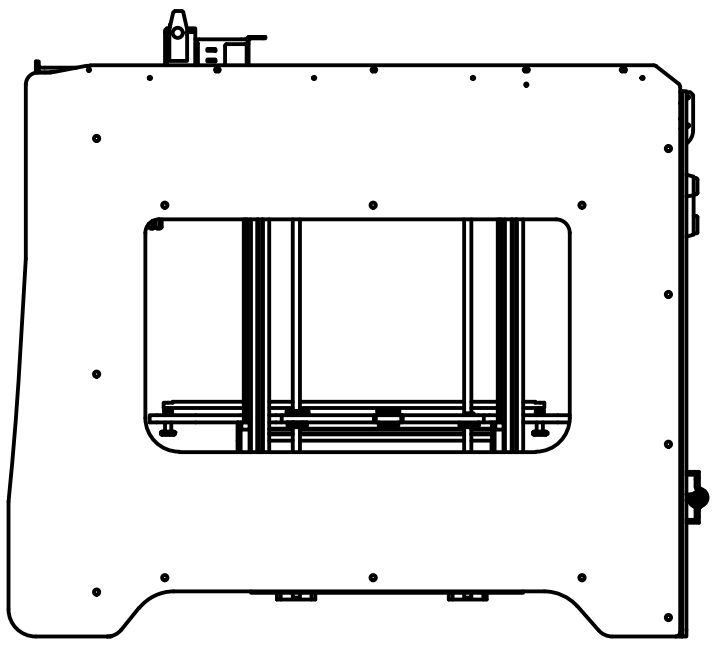
3DPrint.ID
Subsolid Xs

Specification Sheet 2023 ver.



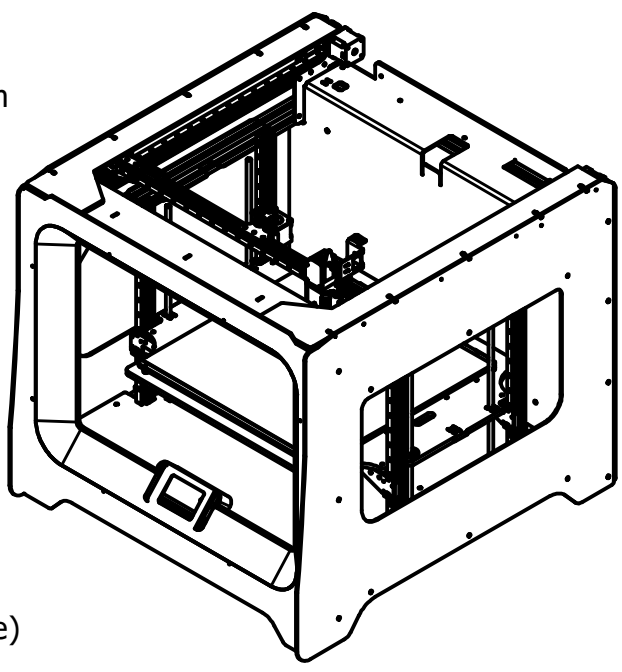


Printer and printing properties

Technology	Fused Deposition Modeling (FDM), Ultra Silent Printing
Print head	CORE™ Swappable Nozzle, Hardened Tungsten & Steel Nozzle
Build volume	400 x 400 x 300 mm
Filament diameter	1.75 mm Open Filament System
Layer resolution	0.40 mm nozzle: 200 to 20 micron
XYZ accuracy	0.5, 0.5, 2.5 micron
Print head travel speed	30 to 200 mm/s, Vibration Cancellation Motion System
Build speed	0.40 mm nozzle: up to 16 mm3/s
Build plate	Heated PEI build plate / Swappable Build Plate
Build plate temperature	50 to 120 °C
Build plate leveling	Assisted Mesh leveling process, Set&Forget Leveling
Supported materials	PLA/ABS/Carbon/PETG/Wood/MetalFil/TPU 95A
Nozzle diameter	Included are 0.4, 0.6 and 0.8 mm nozzles
Nozzle temperature	180 to 300 °C
Nozzle heat up time	~ 2 minute
Build plate heat up time	< 6 minutes
Operating sound	50 dBA
Connectivity	Standalone 3D printing from USB Flashdrive
Interface	3,5" TFT Resistive Touch Screen
Additional	Power Failure Resume Printing

Physical Dimensions

Dimensions	670 x 715 x 767 mm
Dimensions (with spool holder)	670 x 715 x 767 mm
Nett weight	54,3 kg
Shipping weight	57,5 kg
Shipping box dimensions	710x 720 x 800 mm



Power Requirements

Input	220V 50-60Hz 670W max.
Output	24V DC, 18 A

Software

Supplied Software	Cura for Subsolid (free)
Recommended Software	Simplify3D (US$149)
Supported OS	Windows
File Types	STL and OBJ

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