PRODUCT
CATALOGUE

SPRING & SUMMER / 2023

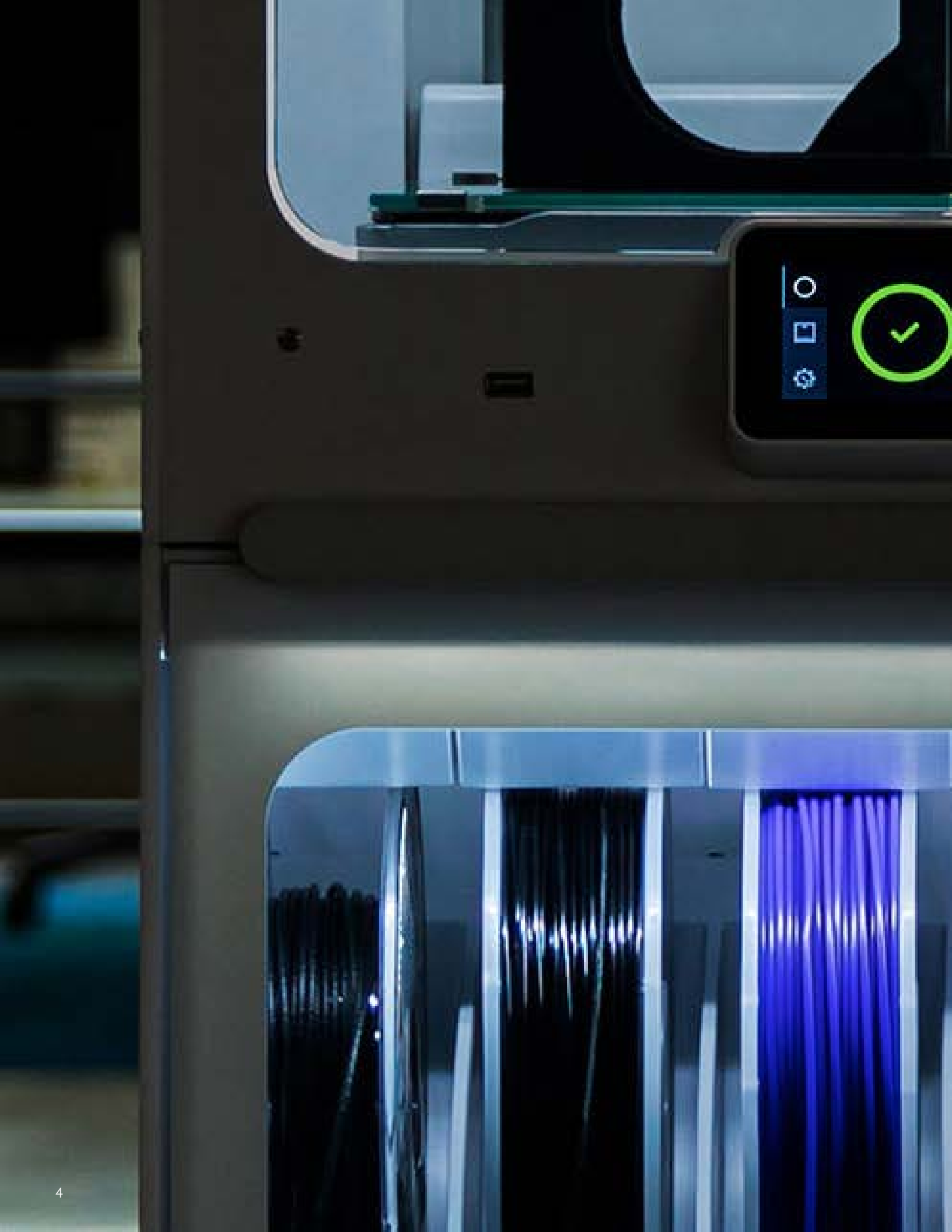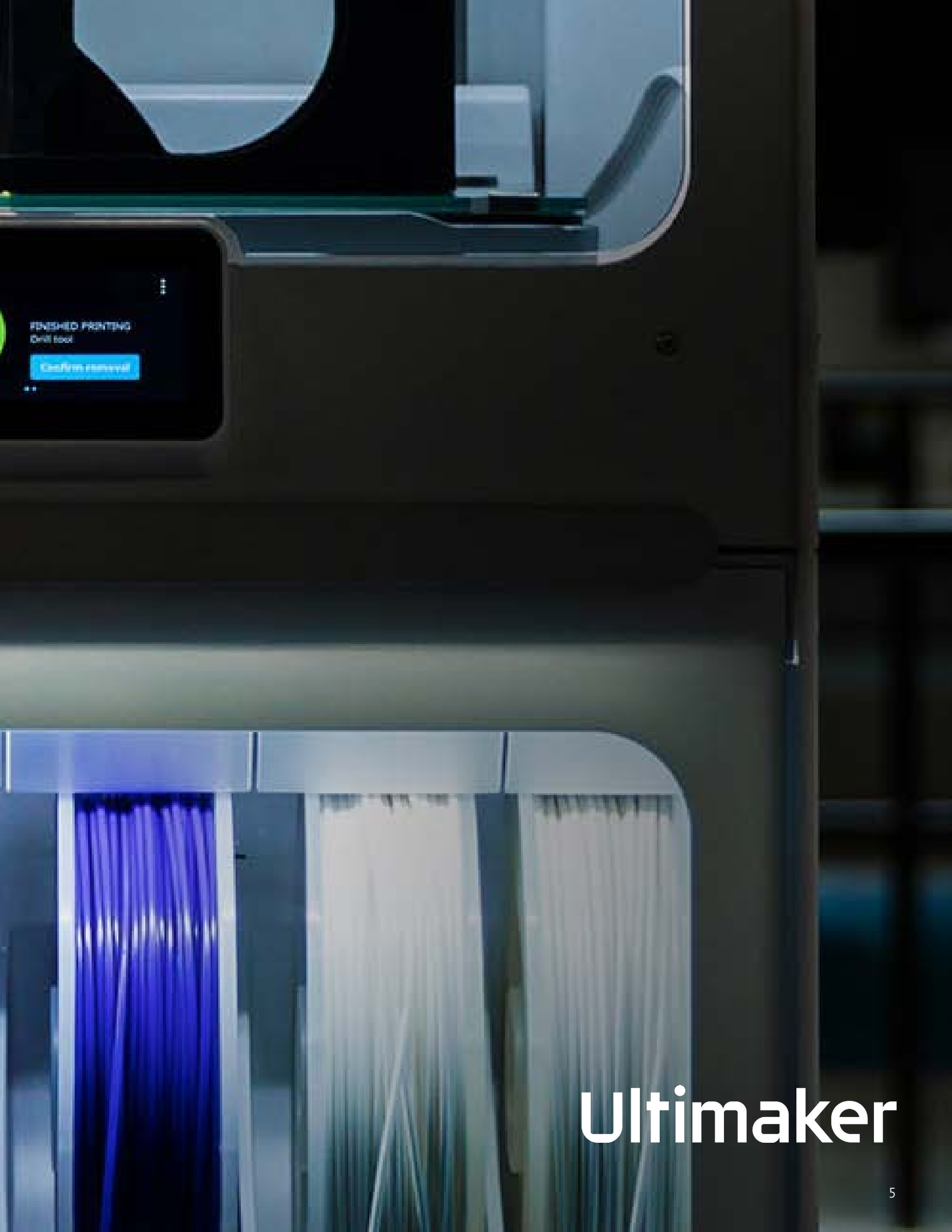SHOP3D.CA

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Drill tool

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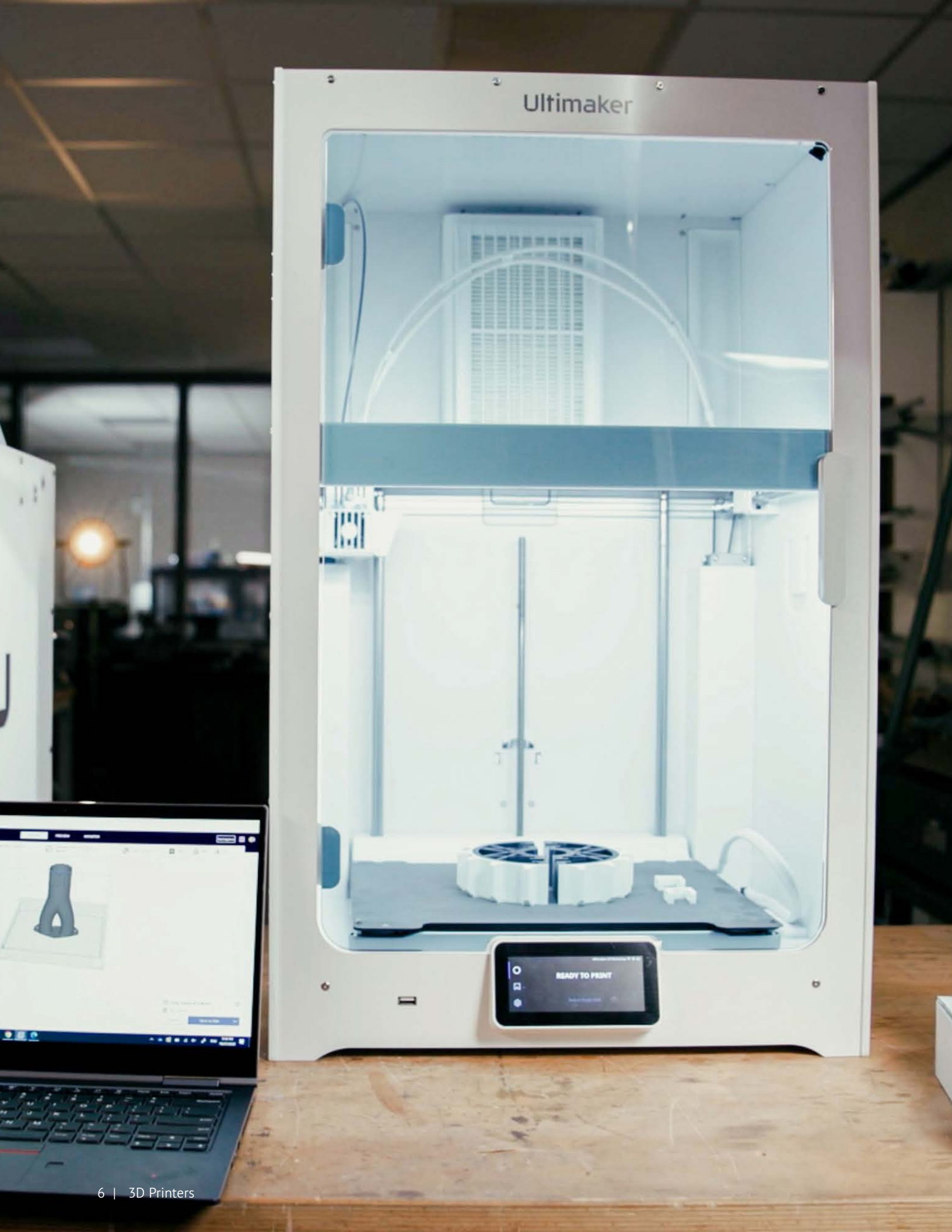
Ultimaker

Introducing the

UltiMaker S7

Product SKU: 234152

$11,453

Ultimate Connectivity

The UltiMaker S7 is your gateway to the entire UltiMaker platform. Access all the tools you need to start 3D printing – Manage and monitor your prints securely with the UltiMaker Digital Factory, improve your 3D printing knowledge with e-learning courses on the UltiMaker Academy, and choose from hundreds of materials and plugins using the UltiMaker Marketplace.

Easy Printing Easy Breathing

With the new intergrated air manager on the UltiMaker S7, remove up to 95% of ultrafine particle from every print. Not only does this increase air quality peace of mind. it also boosts print quality thanks to its fully enclosed build chamber and single glass door.

Print Removal Speed to Flex About

Skip using glue and remove parts effortlessly with the PEI-coated flexible build plate. 25 magnets and 4 alignment pins allow you to replace it perfectly – reducing the time spent using the UltiMaker S7 and increasing productivity.

Certifications

All UltiMaker 3D Printers have cMETus Certification cleared marked on the bottom or the back of each unit. This mark is accepted by all electrical regulatory authorities in Canada.

UltiMaker S7 Pro Bundle

Unleash true 24/7 3D printing

The UltiMaker S7 can be trusted to do its job, giving you the freedom to do yours. The inductive sensor-enabled bed leveling of the S7 ensures a perfect first layer and the integrated air manager maintains the build volume at an optimally regulated temperature. Additionally, run-out and fan bracket sensors will pause your print and notify you if you run out of filament or if there is a clog that causes your print head to flood

All the uptime in the world

Designed for ultra-low maintenance and tested to be left unattended, the Material Station allows the UltiMaker S7 to print longer – day or night. Loading material into the Material Station takes seconds – not minutes. Simply open the door and drop the spool into a bay. During a print, any spool not in use can be switched out.

Print more materials. More easily

Each of the Material Station's material bays have NFC readers and reinforced prefeeders for integration with UltiMaker Cura and Digital Factory. Every spool is kept at 40% relative humidity, making it easy to realize more 3D printing applications with almost any combination of polymers and abrasive composites.

Certifications

All UltiMaker 3D Printers have cMETus Certification cleared marked on the bottom or the back of each unit. This mark is accepted by all electrical regulatory authorities in Canada.

UltiMaker S7/S5 Material Station

Productivity To Power Your Business

Seamlessly integrating with the UltiMaker S5, the Material Station rede-fines material handling – to unlock truly 24/7 production. Load up to six material spools inside the humidity controlled chamber and smart features take care of the rest – composite-ready feeder wheels, filament flow sensors, and automatic switching when a material runs out. Now you can achieve increased productivity and higher-quality production.

Simplify Your 3D Printing Workflow

We've been making 3D printing easier since 2011 – and this is our biggest step yet. Front-load materials in seconds, configure to your needs and stop worrying about material storage conditions. The Ulti-Maker S5 Material Station is also fully integrated into our software tools, so you stay informed and 100% focused on doing your best work.

Ultimaker

U

Material Station

filaments

Product SKU: UM-S5-Pro-System-1

Ultimaker S5 Pro Complete System

$14,905   ~~$15,611~~

3D Print with Always-On Productivity

Unlock easy, always-on 3D printing with automatic material handling, efficient air filtering, and filament humidity control with this powerful three-part system. The Ultimaker S5 Studio adds enhanced performance with a larger build volume, improved ease of use, and unrivaled reliability. The composite ready dual extrusion and open-filament system is compatible with over 200 materials, including Metal, allowing you to expand your 3D printing ambitions.

Key Benefits

- 330 x 240 x 300 mm build volume
- Composite Ready Dual Extrusion
- Humidity-controlled storage for 6 spools
- Filters up to 95% of ultrafine particles
- Compatible with over 90 materials
- Access to the entire Ultimaker Ecosystem including Ultimaker Essentials, Ultimaker Cura, Ultimaker Digital Factory, Ultimaker 3D Printing Academy and Shop3D service for setup and training.
- cMETus certified

Ultimaker S5 Complete System Components
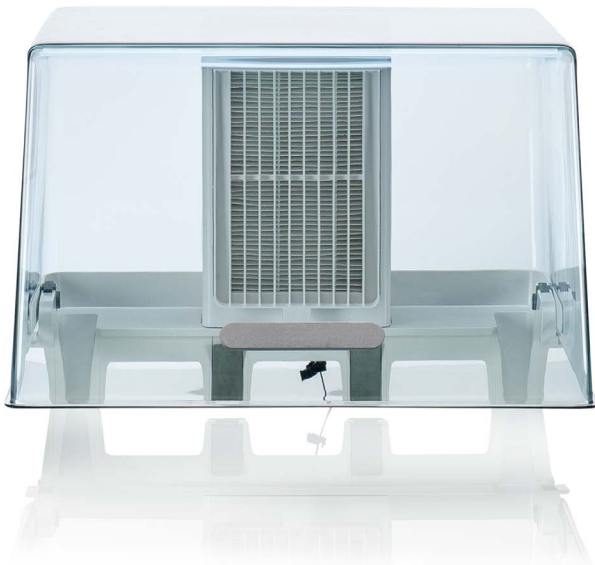
Product SKU: 217950

Ultimaker S5 Air Manager $1,173

Reliability at scale

The Ultimaker S5 Air Manager ensures a safer working environment, providing a closed, inside-out airflow for the Ultimaker S5 3D printer. It filters up to 95% of all ultrafine particles (UFPs) emitted during 3D printing and forms a safe, physical barrier to the print area.

More Materials, Less Hassle

Optimized software profiles precisely control filtering for every Ultimaker material and over 40 third-party filaments. So you can focus on creating the perfect 3D printed part with any material you choose. No worries about UFPs, and no extra time configuring your printer.

Product SKU: 218252

Ultimaker S5 $9,590

Enhanced reliability

Trust the Ultimaker S5 to do its job while you do yours. Its advanced active bed leveling ensures a perfect first layer, glass doors control the airflow, and dual fi lament flow sensors will pause your print and notify you if you run out of material.

Open And Connected System

With the Ultimaker S5, you are not only getting a market-leading 3D printer – you gain access to the Ultimaker platform. Access all the tools you need to start 3D printing – increased security, workflow management, and knowledge. Ultimaker brings it to your door, with features including a limited Digital Library for easy part storage and sharing, an IT knowledge base, and e-learning courses.

Product SKU: 218053

Ultimaker S5 Material Station $4,899

Productivity To Power Your Business

Seamlessly integrating with the Ultimaker S5, the Material Station redefines material handling – to unlock truly 24/7 production. Load up to six material spools inside the humidity controlled chamber and smart features take care of the rest – composite-ready feeder wheels, filament flow sensors, and automatic switching when a material runs out. Now you can achieve increased productivity and higher-quality production.

Simplify Your 3D Printing Workflow

Ultimaker has been making 3D printing easier since 2011 – and this is their biggest step yet. Front-load materials in seconds, configure to your needs and stop worrying about material storage conditions. The Ultimaker S5 Material Station is also fully integrated into Ultimaker's software tools, so you stay informed and 100% focused on doing your best work.

Ultimaker S3

Product SKU: 216932

$6,140

Disruptive 3D Printing Starts Here

The Ultimaker S3 is a dual extrusion 3D printer that delivers high-quality, composite-ready performance – in a smaller footprint. Packed with Ultimaker's latest technology, the Ultimaker S3 is as easy to use as it is powerful, offering the most cost-effective way for disruptive businesses to adopt in-house 3D printing.

A more reliable 3D printing experience

Active bed leveling ensures great adhesion for every print, while sensors constantly monitor material flow while printing. Combine with rigorously tested print profiles in Ultimaker Cura software, and you don't just have a 3D printer – it's a complete production system to depend on.

Key Benefits

- 230 x 190 x 200 mm build volume
- Composite Ready Dual Extrusion
- Advanced auto bed leveling
- Compatible with over 110 materials
- Award-winning touchscreen interface
- cMETus certified.

Ultimaker 2+ Connect

Product SKU: 222631

$3,795 $4,433

Start 3D Printing the Ultimaker Way
Take your first step into the world of easy and seamless 3D printing – with a new touchscreen and remote printing capabilities.

Teach From Home With Ultimaker
With networking capabilities and a new touchscreen, the Ultimaker 2+ Connect is your reliable first step into the world of easy, remote 3D printing. Simply unbox and connect three components, and get started. This speedy setup even makes installing multiple 3D printers effortless.

At home or school, sending print jobs from your students to the Ultimaker 2+ Connect is a breeze. Whether Wi-Fi or Ethernet, cloud 3D printing allows remote file transfer with added security from anywhere in the world.

Key Benefits
- 223 x 220 x 205 mm Build Volume
- Single extrusion with swappable nozzles
- Cloud-enabled remote 3D printing
- Filter up to 95% of UFPs (optional)
- Print with 9 materials (including PP & PC)
- cMETus certified.

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SKU: UM-S5-Pro-System-1

Ultimaker S5 Pro Complete System

$14,905   ~~$15,611~~

What's Included

- Ultimaker S5 Studio 3D Printer
- Ultimaker S5 Air Manager
- Ultimaker S5 Material Station
- 750gr. Spool of Tough PLA and 750gr Spool of PVA Dissolvable Support
- Comprehensive 12 month warranty
- Lifetime expert support from Shop3D.ca

Tech Specs

- Large Build Volume of 330 x 240 x 300 mm (13 x 9.4 x 11.8")
- Layer resolution down to 20 micron
- Dual extrusion with a soluble support material


SKU: 218252

Ultimaker S5 Studio Large Format Printer

$9,590

What's Included

- Ultimaker S5 Studio 3D Printer
- 750gr. Spool of Tough PLA and 750gr Spool of PVA Dissolvable Support
- Comprehensive 12 month warranty
- Lifetime expert support from Shop3D.ca

Tech Specs

- Large Build Volume of 330 x 240 x 300 mm (13 x 9.4 x 11.8")
- Printer Size: 495 x 585 x 780 mm (19.5 x 23 x 30.7")
- Layer resolution down to 20 micron
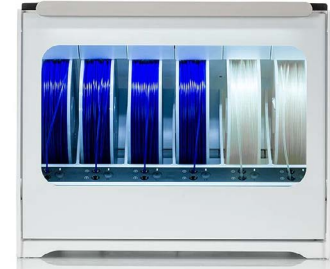
SKU: 218053

S5 Material Station
$4,899

Seamlessly integrating with the Ultimaker S5, the Material Station redefines material handling – to unlock truly 24/7 production.

SKU: 217950

S5 Air Manager
$1,173

The Ultimaker S5 Air Manager ensures a safer working environment, providing a closed, inside-out airflow for the Ultimaker S5 3D printer. It filters up to 95% of all ultrafine particles (UFPs) emitted during 3D printing and forms a safe, physical barrier to the print area.
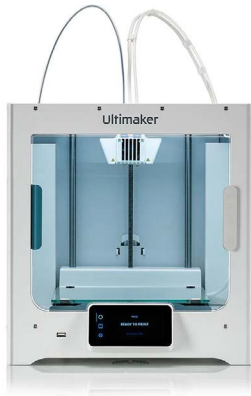
SKU: 216932
Ultimaker S3
$6,140

SKU: 222631
Ultimaker 2+ Connect
$3,795 $4,433

SKU: 222631-AM
Ultimaker 2+ Connect w/ Air Manager
$4,210 $4,433

What's Included

- Ultimaker S3 3D Printer
- 350gr. Spool of Silver PLA and 350gr Spool of PVA Dissolvable Support
- Comprehensive 12 month warranty
- Lifetime expert support from Shop3D.ca

Tech Specs
- Technology: Fused filament fabrication (FFF)
- Print head: Dual-extrusion print head with a unique auto-nozzle lifting system and swappable print cores
- Build volume (XYZ): 230 x 190 x 200 mm (9 x 7.4 x 7.9 in)

What's Included

- Ultimaker 2+ Connect 3D Printer
- 2+ Connect EPA Air Manager Filtration/Hood/Door
- x1 750g Ultimaker Silver PLA
- Comprehensive 12 month warranty
- Lifetime expert support from Shop3D.ca

Tech Specs
- Technology: Fused filament fabrication (FFF)
- Print head: Single extrusion with swappable nozzles
- Build volume (XYZ): 223 x 220 x 205 mm (8.7 x 8.6 x 8 in)

What's Included

- Ultimaker 2+ Connect 3D Printer
- 2+ Connect EPA Air Manager Filtration/Hood/Door
- x1 750g Ultimaker Silver PLA
- Comprehensive 12 month warranty
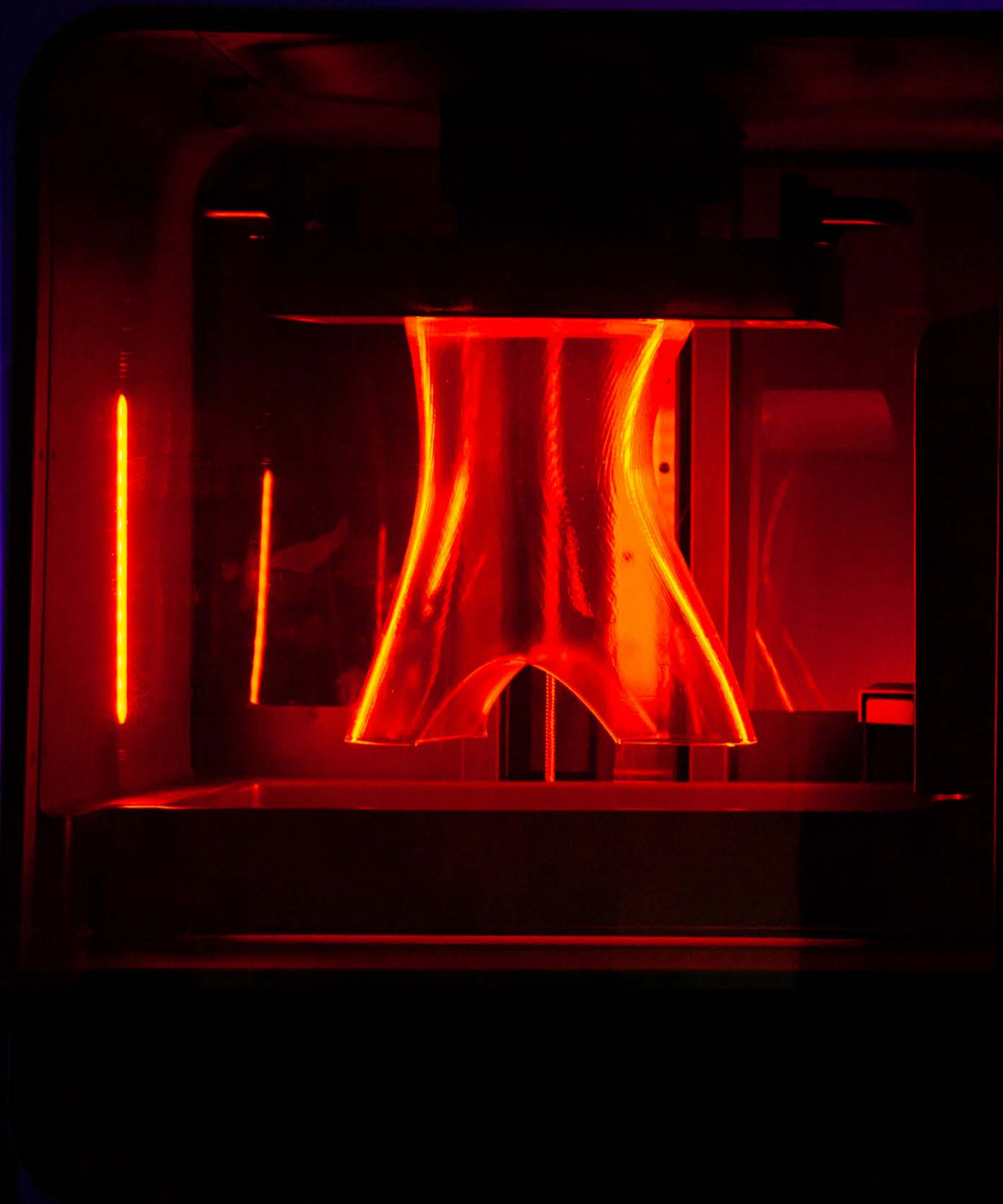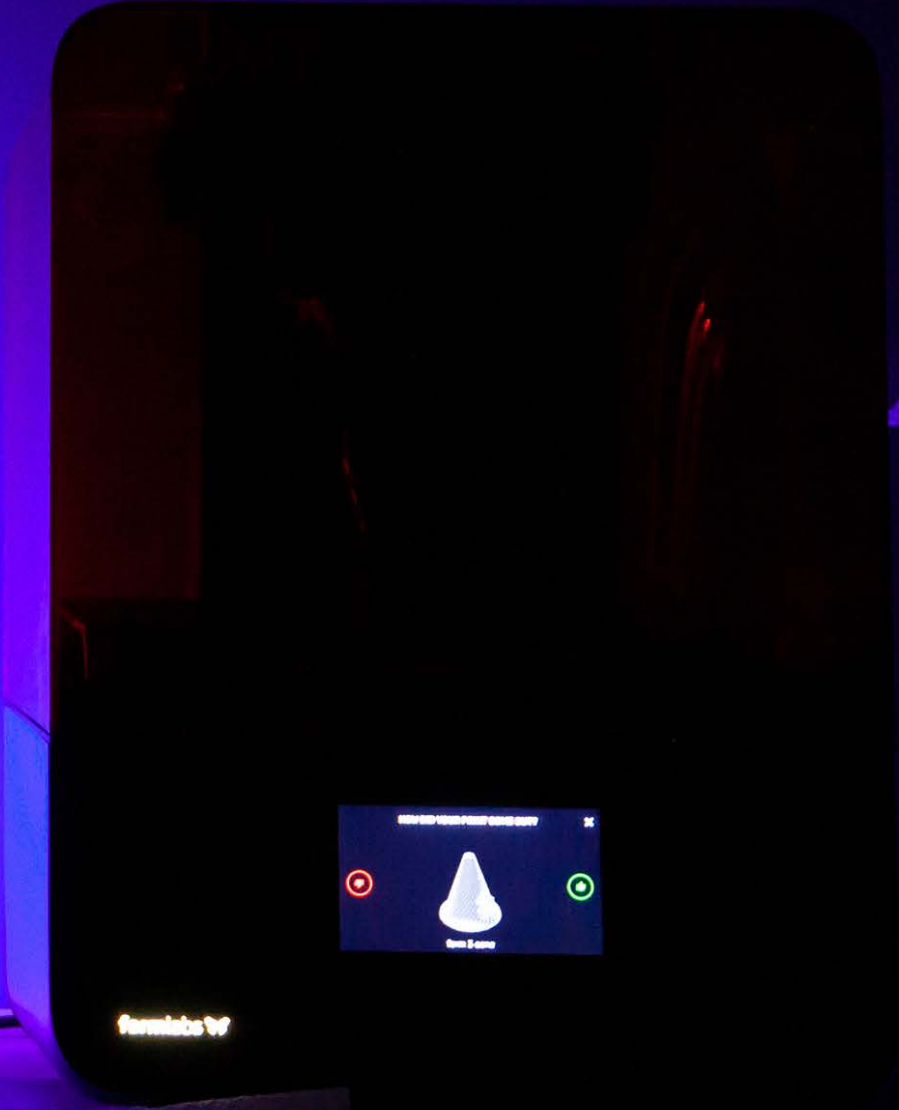- Lifetime expert support from Shop3D.ca

Tech Specs
- Technology: Fused filament fabrication (FFF)
- Print head: Single extrusion with swappable nozzles
- Build volume (XYZ): 223 x 220 x 205 mm (8.7 x 8.6 x 8 in)

Formlabs Fuse 1+ 30W SLS 3D Printer

Product SKU: PKG-WS-FS1-P-30-120V

Packages Starting At $61,195.90

Truly Rapid SLS 3D Printing - For High Performance Parts in Hours, Not Days

Designed for maximum output and minimum waste, Fuse 1+ 30W is Formlabs' compact SLS 3D printer that packs an industrial punch. Unlock unprecedented print speeds and a full range of materials to deliver truly rapid prototyping and production in-house.

Building on effective powder containment and an easy setup, Fuse 1+ 30W is equipped with a powerful, 30W laser enabling same-day delivery of prototypes and end-use parts. Active powder handling unlocks the use of exclusive, new materials such as carbon fiber-reinforced nylon, and a nitrogen purge print option allows for unprecedented performance and consistency across all SLS parts.

Each Fuse 1+ 30W selective laser sintering (SLS) 3D printer includes the essential tools required to start printing.

Formlabs Fuse Sift

Product SKU: FS1-SIFT-120V

$11,699.99 – Included with Fuse 1 Package

The Fuse Sift is a safe, efficient powder recovery system for the Fuse 1 3D printer. This easy-to-use, all-in-one station combines part extraction, powder recovery, storage, and mixing in a single free-standing device, for the most functionality in a single device available on the SLS market.

- **Low waste:** A 30% material refresh rate means you can print with up to 70% recycled powder, indefinitely. Fuse Sift's sieve filters out particles to be remixed with new powder and reused in future prints.
- **Automatic powder mixing:** Fuse Sift will dispense and mix used and new powder automatically so you can reduce waste and control your powder supply.
- **Nonstop printing:** Reduce downtime by transferring modular build chambers and powder cartridges between the Fuse 1 and Fuse Sift for a nonstop, cyclical workflow.
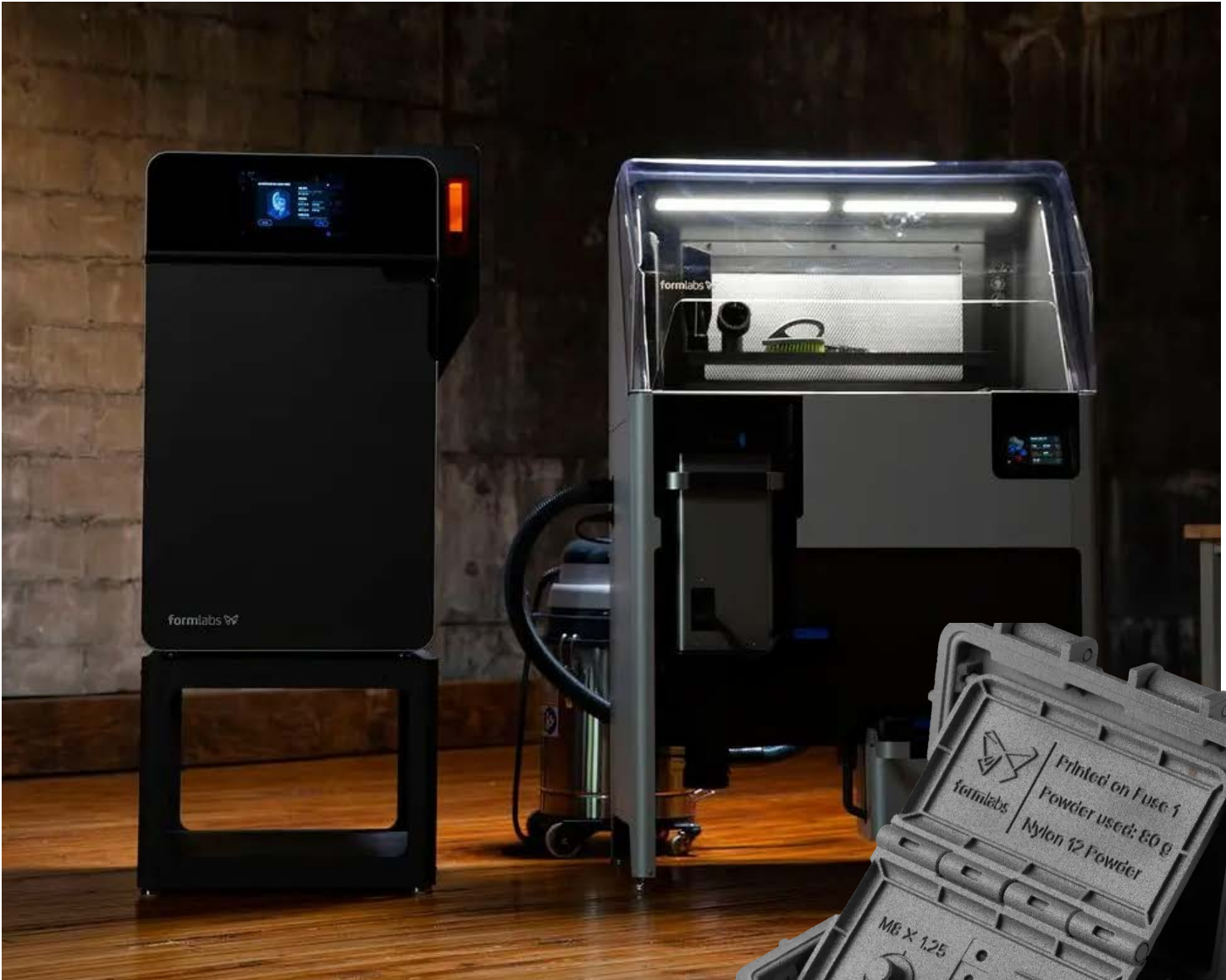
Superior Print Speeds

Deliver high-precision parts within 24 hours thanks to a powerful, 30W laser that prints at scan speeds of up to 12.5 meters per second.

Designed for 24/7 throughput.

Enable continuous throughput by adding a second, removable build chamber to any Fuse Series workflow. Industry-leading rapid cooldown times allow you to start a new print within 1-2 hours of your previous print job.

Zero Waste, High ROI

By optimizing packing density and powder recyclability, we've reached a major milestone: zero waste printing, enabling lower cost per part.

Strong, Functional
Industrial Grade SLS Materials

3D print production-ready, end-use parts with the Formlabs family of SLS Powders, developed specifically for the Fuse Series printers. Formlabs' materials, hardware, and software are developed and validated together to deliver peak performance while optimizing cost per part.

Unlock exclusive, new materials and achieve higher performance on existing ones with active powder handling and an inert gas print option.

Product SKU: PKG-WS-FS1-P-30-120V

Formlabs Fuse 1+ 30W (Essentials)

$61,195.⁹⁰

What's Included

- Fuse 1+ 30W Printer
- Build Chamber
- Cleaning Kit
- Fuse Stand
- Fuse Sift
- Powder Cartridge
- 18kg of Nylon 12 Powder
- 2 Years Standard/Premium Service Plan
- 2 Years Warranty
- PreForm Software

Product SKU: PKG-WS-FS1-P-30-120V

Formlabs Fuse 1+ 30W (High Efficiency)

$66,717

What's Included

- Fuse 1+ 30W Printer
- 2x Build Chamber
- Cleaning Kit
- Fuse Stand
- Fuse Sift
- 2x Powder Cartridge
- 24kg of Nylon 12 Powder
- 2 Years Standard/Premium Service Plan
- 2 Years Warranty
- PreForm Software

Product SKU: PKG-WS-FS1-P-30-120V

Formlabs Fuse 1+ 30W (Maximum Throughput)

$122,991.⁴⁰

What's Included

- 2x Fuse 1+ 30W Printer
- 2x Build Chamber
- (Additional) Build Chamber
- Cleaning Kit
- 2x Fuse Stand
- 2x Fuse Sift
- 4x Powder Cartridge
- 60kg of Nylon 12 Powder
- 2 Years Standard/Premium Service Plan for each Fuse 1+ 30W
- 2 Years Warranty for each Fuse 1+ 30W
- PreForm Software
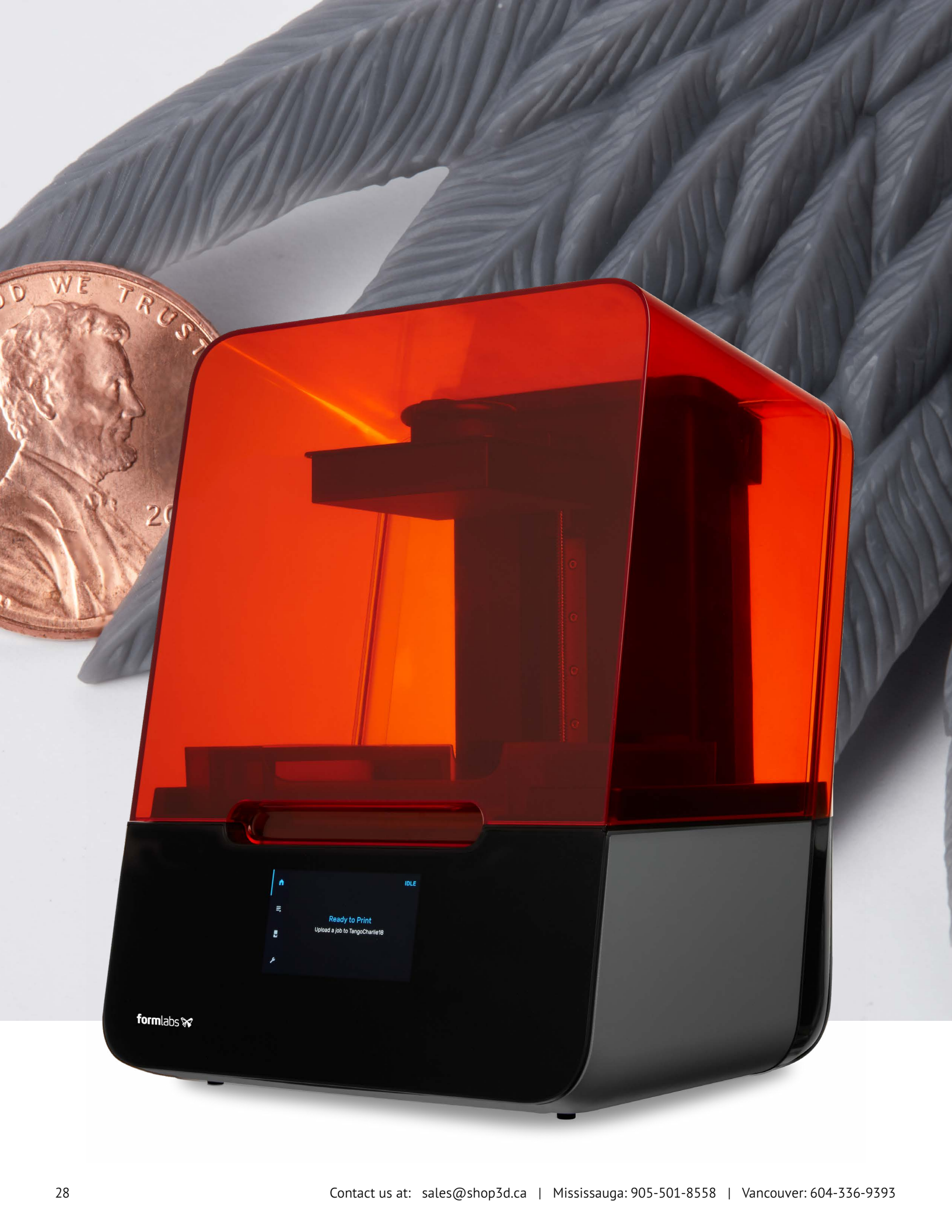
Product SKU: F3-P-PRINTER

Formlabs Form 3+ SLA 3D Printer

Starting at $4,661

Affordable, Industrial-Quality Desktop 3D Printer

Produce functional, high-quality prototypes and end-use parts in record time with the Form 3+, an affordable, industrial-quality 3D printer that consistently delivers. The Form 3+ offers reliable print quality and accuracy, easy setup and maintenance, and a wide range of high-performance materials.

Build Volume

- 14.5 × 14.5 × 18.5 cm / 5.7 × 5.7 × 7.3 in

Ideal For

- Rapid prototyping and production
- Rapid tooling and manufacturing aids
- Patterns for molds and casting
- Model making

Contact us at: sales@shop3d.ca | Mississauga: 905-501-8558 | Vancouver: 604-336-9393

Product SKU: PKG-F3B-WS-Basic

Formlabs Form 3B+ SLA 3D Printer

Starting at $5,890

An Advanced Desktop 3D Printer Developed for Healthcare Applications

Rapidly print patient-specific parts at the point of care and bring innovative R&D and low-volume commercial production in-house with the Form 3B+, an advanced 3D printer for healthcare professionals. The Form 3B+ is compatible with Formlabs' entire SLA materials library, including biocompatible, sterilizable materials.

Build Volume

- 14.5 × 14.5 × 18.5 cm / 5.7 × 5.7 × 7.3 in

Ideal For

- Small and medium parts requiring biocompatibility and sterilization compatibility
- Medical device prototypes, jigs, fixtures, molds, and end-use parts
- Patient-specific anatomical models and surgical instruments
- Visual aids for diagnosis and education
- Surgical planning models for diagnostic use in FDA-cleared workflows
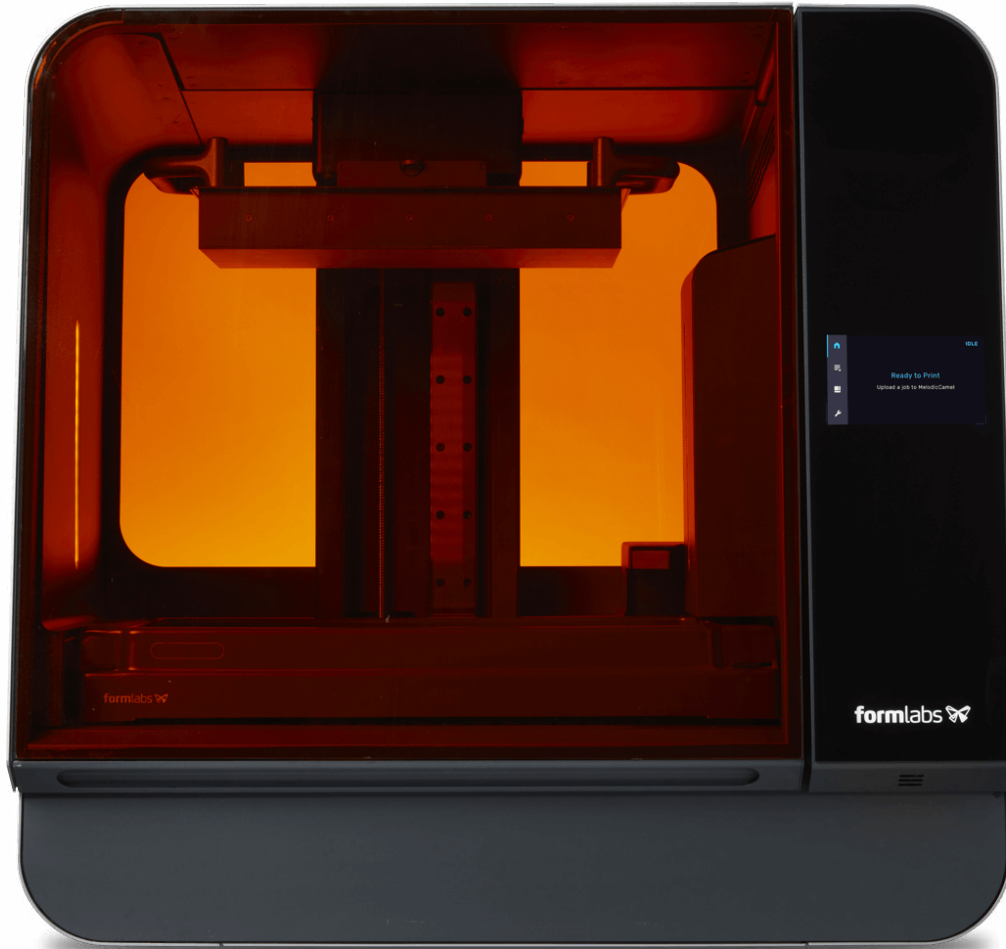
Formlabs Form 3L

Product SKU: PKG-F3L-WS-BASIC

Starting At $15,069

A Large Format 3D Printer Compact Enough for the Office and Robust Enough for the Factory Floor

Take control of large-format prototyping and bring your biggest ideas to life with the Form 3L, a cost-effective 3D printer that doesn't compromise on the details.

The Form 3L is versatile enough to bring large scale fabrication in-house. Whether you're packing the build volume for batch production or printing bulky parts, the Form 3L maintains ideal print conditions for nonstop throughput with minimal supervision. Two precision Light Processing Units (LPU) inside the printer achieve consistent accuracy and detail across the entire build platform.

Key Benefits
- 335 × 200 × 300 mm build volume
- Large scale fabrication
- Consistent accuracy and detail
- Automated print setup with PreForm
- Cloud monitoring
- Fast-printing material
- 25µm XY Resolution
- 25 - 300µm Layer Thickness

Contact us at: sales@shop3d.ca | Mississauga: 905-501-8558 | Vancouver: 604-336-9393

Formlabs Form 3BL

Product SKU: PKG-F3BL

$17,810

Create Large Medical Devices & Anatomic Replicas at Full Scale

3D print adult patient-specfic anatomy at 1:1 scale or large medical devices in one build with the Form 3BL, a large-format 3D printer developed for medical professionals. This 3D printer is compatible with the majority of our SLA materials library, including biocompatible, sterilizable materials.

The Form 3BL is large enough to print full size anatomy and medical devices. With a 19.4" diagonal, print adult femurs, pelvic bones, skulls, and more at 1:1 scale.

The Form 3BL has been validated in FDA-cleared workflows. It is also compatible with a wide range of biocompatible, steriliz-able materials manufactured in an ISO 13485 certified facility.

Key Benefits
- 335 × 200 × 300 mm build volume
- Large scale fabrication
- Consistent accuracy and detail
- Compatability with Formlabs' entire SLA materials library
- Cloud monitoring
- 25μm XY Resolution
- 25 - 300μm Layer Thickness

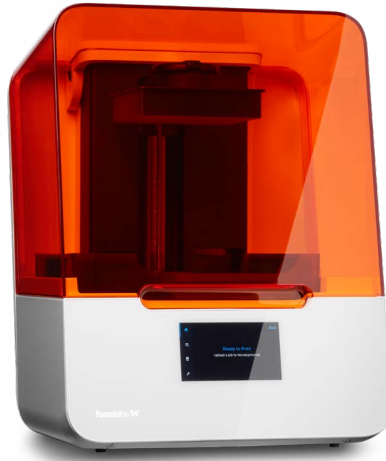Product SKU: PKG-F3-WS-SVC-COMPLETE

Formlabs Form 3+ Complete Package

$6,436   ~~$6,497~~

What's Included

- Form 3+ 3D Printer
- Build Platform
- Resin Tank
- Finish Kit
- Form Cure
- Form Wash
- Professional Service Plan (Optional)
- Extended Warranty (Optional)
- Resin (Add Separately)

Tech Specs

- 1x Light Processing Unit: 85 micron laser spot size 250 mW laser power
- Build volume: 14.5 × 14.5 × 18.5 cm 5.7 × 5.7 × 7.3 in
- Layer thickness:
- 25 - 300 microns

Product SKU: PKG-F3B-WS-SVC-COMPLETE

Formlabs Form 3B+ Complete Package

$6,514

What's Included

- Form 3B+ 3D Printer
- Build Platform
- Form 3 Resin Tank
- Form 3 Finish Kit
- Form Cure
- Form Wash
- Medical/Professional Service Plan (Optional)
- Extended Warranty (Optional)
- Resin (Included if you get MSP)

Tech Specs

- 1x Light Processing Unit: 85 micron laser spot size 250 mW laser power
- Build volume: 14.5 × 14.5 × 18.5 cm 5.7 × 5.7 × 7.3 in

Product SKU: FH-WA-01

Form Wash – Automated Wash Cycler

$891

While you're away, parts are precisely agitated in IPA. Once washing completes, Form Wash automatically lifts parts out of the IPA, avoiding over-soaked, warped prints.

Product SKU: FH-CU-01

Form Cure – Post Curing Oven

$1,028

Form Cure is finely tuned to bring parts to their maximum mechanical proper-ties. Once the time is up, parts are fully cured and ready for peak performance.

Product SKU: FHL-WA-01

Form Wash L

$5,479

Post-curing SLA 3D printed parts helps them reach their maximum mechanical properties and achieve peak dimensional accuracy.

Product SKU: FHL-CU-120V-01

Form Cure L

$5,479

Post-curing SLA 3D printed parts helps them reach their maximum mechanical properties and achieve peak dimensional accuracy.

Product SKU: PKG-F3L-WS-COMPLETE-120V

Formlabs Form 3L Complete Package

$25,207   ~~$27,813~~

What's Included

- Form 3L 3D Printer
- Form Cure L
- Form Wash L
- Form 3L Build Platform
- Form 3L Resin Tank
- Form 3 Finish Kit (Rinse Bucket and Cleaning Tools)

Tech Specs

- Technology: Low Force Stereolithography (LFS)™
- Build Volume (W x D x H): 33.5 × 20 × 30 cm (13.2 × 7.9 × 11.8 in)

Product SKU: PKG-F3BL-WO-COMPLETE-120V

Form 3BL Complete Package

$27,528

What's Included

- Form 3BL 3D Printer
- Form 3BL Build Platform
- Form 3BL Resin Tank
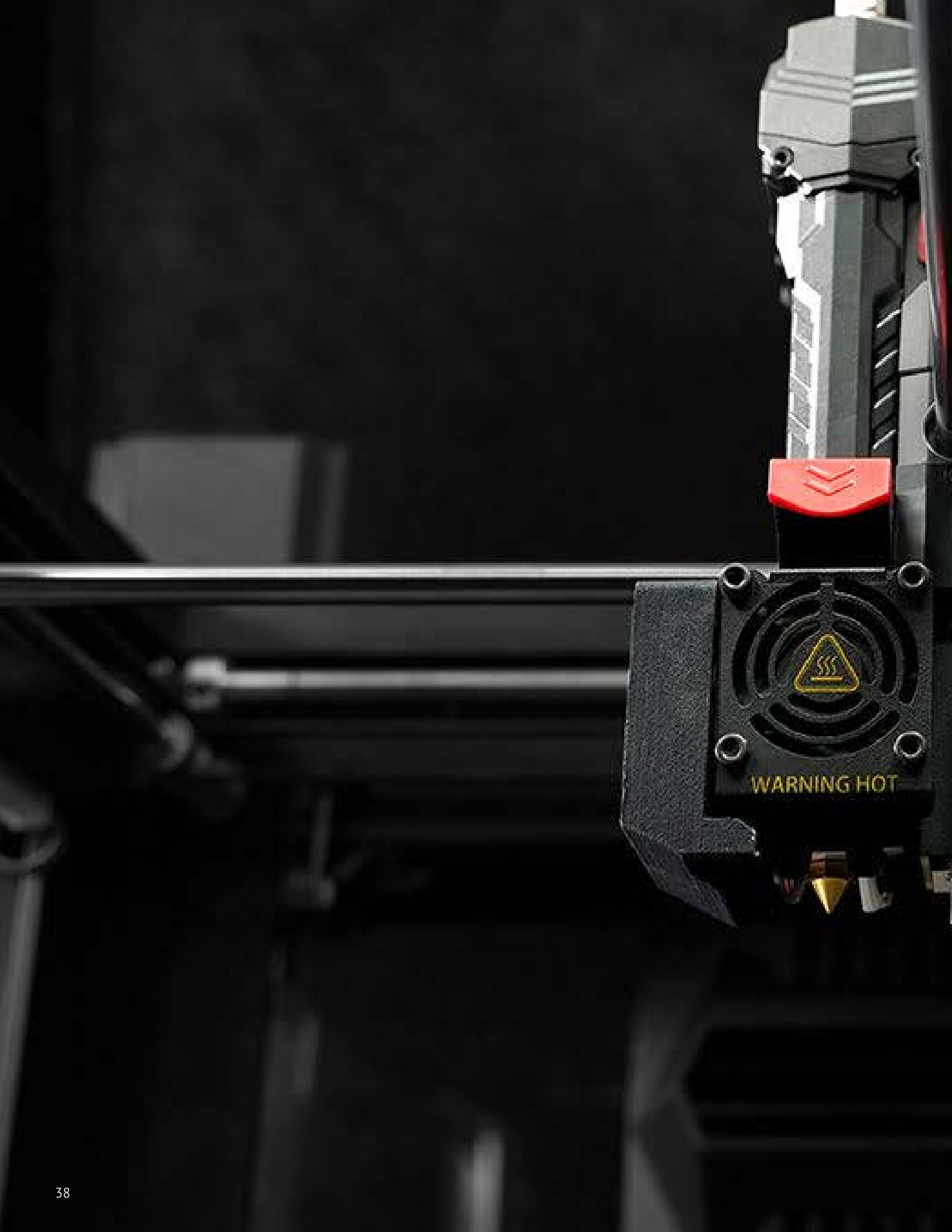- Form 3L Finish Kit (Rinse Bucket and Cleaning Tools)
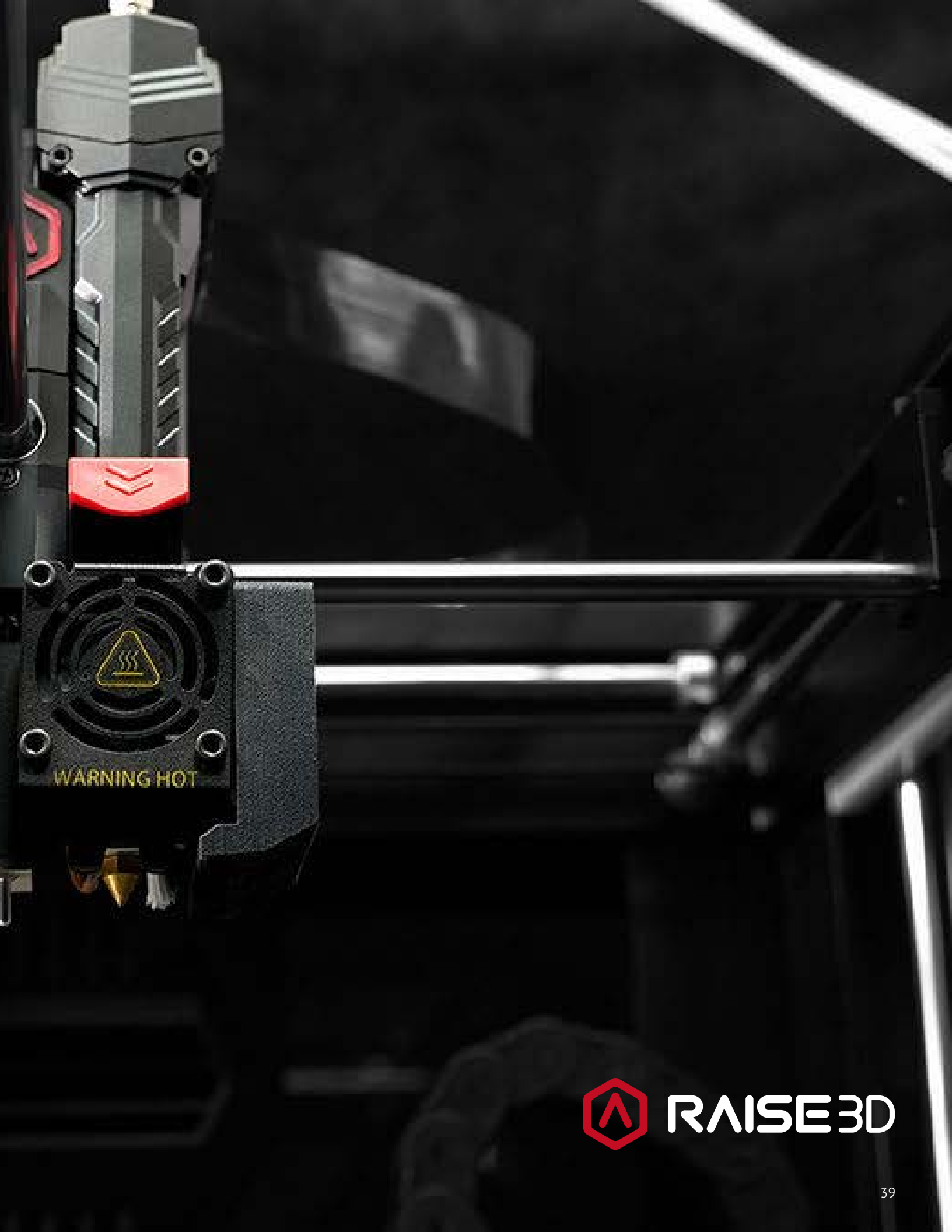
Tech Specs

- Technology: Low Force Stereolithography (LFS)™
- Build Volume (W x D x H): 33.5 × 20 × 30 cm (13.2 × 7.9 × 11.8 in)

WARNING HOT

WARNING HOT

Raise3D Pro3 3D Printer

Product SKU: 1.01.024.001A01

$7,299

Forged from the Pro2 Series, Raise3D's newly launched Pro3 Series professional dual extruder 3D printers meet the needs of both production and multi-sized rapid prototyping, with high precision and round-the-clock stable operation. A high-quality printer design that includes enhanced features and a smart assistant system known as EVE, all of which make the Pro3 Series dual extruder 3D printers an excellent option for professional 3D printing.

An Improved Printing Platform

The Pro3 Series features upgraded printing platform features for high-quality printing performance and a better overall experience. The new auto bed leveling makes setting up your 3D printer quicker and simpler.

The new flexible build plate also allows for the effortless removal of 3D printed parts. The Z-axis rod stiffness has also been increased by 75%, in order to deliver a more stable performance. These structural changes enable the Pro3 Series to provide better print results and an easier printing experience.

Key Features
- Dual Extruder 3D Printer
- Auto Bed Leveling
- Flexible Build Plate
- Improved Z-Axis Rod Stiffness for A Stable Performance
- Interchangeable Hot End and Extruder Cover
- Air Flow Manager for Better Heat Dissipation
- EVE Smart Assistant

Raise3D Pro3 Plus 3D Printer

Product SKU: 1.01.025.001A01

$9,875

Large Build Volume

When you need that added z-height the Raise3D Pro 3+ has you covered with a huge 300x300x605mm build volume. The Pro 3+ fulfills requirements of large-scale production and multi-sized rapid prototyping covering your needs for a variety of projects.

Single Extrusion: 300 x 300 x 605 mm

Dual Extrusion: 255 x 300 x 605 mm

Key Features

- Dual Extruder 3D Printer
- Auto Bed Leveling
- Flexible Build Plate
- Improved Z-Axis Rod Stiffness for A Stable Performance
- Interchangeable Hot End and Extruder Cover
- Air Flow Manager for Better Heat Dissipation
- EVE Smart Assistant

Raise3D E2 IDEX 3D Printer

Product SKU: 1.01.018.001A01

$4,599

Industrial Grade Desktop 3D Printing

The E2 is a desktop 3D printer with independent dual extruders (also known as IDEX). IDEX gives the E2 the ability to perform more advanced functions, such as Mirror Mode and Duplication Mode, making this printer ideal for professional 3D printing. This desktop 3D printer can print with a variety of different filaments, and its unique extruder gear design enables it to use flexible 3D printing materials, such as TPU, more reliably and with better results.

As with all 3D printers from Raise3D, the E2 can pair with ideaMaker, a 3D slicer software, ideaMaker Library, a platform for sharing 3D printer files with those in the Raise3D community, and RaiseCloud, a cloud-based 3D printing management platform.

Key Benefits
- Independent Dual Extruders (IDEX)
- Easy Swap Print Heads
- Auto Bed Leveling
- BuildTak Flex Plate

Raise3D E2CF IDEX 3D Printer

Product SKU: 1.01.022.002A01

$5,850

Carbon Fiber 3D Printing Made Simple

The E2CF is an IDEX 3D printer optimized for 3D printing carbon fiber reinforced filaments. This desktop 3D printer is excellent for manufacturing, prototyping, and more.

Carbon fiber reinforced filament has low density, high strength, and it is resistant to corrosion, static electricity, and high temperature. It has potential for a wide range of applications within industries that need considerable strength-to-weight ratio in their solutions, such as the aviation industry and the automotive world. The E2CF is durable, user-friendly, and stable while in operation, delivering accurate prints.

Key Benefits
- Independent Dual Extruders (IDEX)
- Nozzles with High Durability
- Dual Direct Drive Extrusion System
- Engineered for Printing Carbon Fiber Reinforced Filament

Product SKU: 1.01.024.001A01

Raise3D Pro3 3D Printer

$7,299

Product SKU: 1.01.025.001A01

Raise3D Pro3 Plus 3D Printer

$9,875

RaiseShield Extended

Starting at $650

What's Included

- Raise3D Pro3 3D Printer
- Alu - Buildtak plate (with auto-level pattern on it)
- Leveling Feeler Gauge
- Build Plate Scraper
- Top Cap
- HEPA Air Filter
- Webcam

Tech Specs

- Build Volume (Single Extruder): 300 × 300 × 300 mm (W x D x H)
- Build Volume (Dual Extruder): 255 × 300 × 300 mm (W x D x H)
- Machine Size: 620 × 626 × 760 mm (W x D x H)
- Filament Diameter: 1.75mm
- Max Build Plate Temperature: 120°C

What's Included

- Form 3B+ 3D Printer
- Build Platform
- Form 3 Resin Tank
- Form 3 Finish Kit
- Form Cure
- Form Wash
- 1 Year Medical/Professional Service Plan
- Extended Warranty (Optional)
- Resin (Included if you get MSP)

Tech Specs

- 1x Light Processing Unit: 85 micron laser spot size 250 mW laser power
- Build volume: 14.5 × 14.5 × 18.5 cm 5.7 × 5.7 × 7.3 in

The Raise 3D RaiseShield Warranty is designed to cover all components of the Raise 3D Pro2 Series 3D printers and Pro3 Series, (consumables and cosmetic imperfections not included).

RaiseShield can only be acquired at the moment of purchase of your Pro2 or Pro3 Series 3D printer and must be activated within 30 days of purchase.

Options

- 1, 2 or 3 Year Extended Warranty
- Available for: Pro3, Pro3 Plus, E2

Product SKU: 1.01.018.001A01

Raise3D E2 IDEX 3D Printer

$4,599

What's Included

- Raise3D E2 3D Printer
- Leveling Feeler Gauge
- Build Plate Scraper
- HEPA Air Filter
- Webcam

Tech Specs

- Build Volume (Single Extruder): 330 × 240 × 240 mm (W x D x H)
- Build Volume (Dual Extruder): 295 × 240 × 240 mm (W x D x H)
- Machine Size: 607 × 596 × 465 mm (W x D x H)
- Layer Height: 0.02-0.25mm
- Nozzle Diameter: 0.4 mm (Default), 0.2/ 0.6/ 0.8/ 1.0 mm (Available)

Product SKU: 1.01.022.002A01

Raise3D E2CF IDEX 3D Printer

$5,850

What's Included

- Raise3D E2CF IDEX 3D Printer
- Hex Wrenches
- Heat Resistant Gloves
- Fuse
- 0.3mm Feeler Gauge

Tech Specs

- Build Volume (Single Extruder): 330 × 240 × 240 mm (W x D x H)
- Build Volume (Dual Extruder): 295 × 240 × 240 mm (W x D x H)
- Machine Size: 607 × 596 × 465 mm (W x D x H)
- Layer Height: 0.1-0.25mm
- Nozzle Diameter: 0.4 mm (Default), 0.6/ 0.8 mm (Available)
- Storage Temperature: -25 to +55°, 10-90% RH non-condensing

Product SKU: [S]5.11.01074A01

Industrial PA12 CF Filament

$240

Raise3D Industrial PA12 CF is a carbon fiber reinforced composite filament material based on Nylon 12 (Polyamide 12). 1.75mm / 1kg spool.

Product SKU: [S]5.11.01077A01

Industrial PA12 CF Support Filament

$190

Raise3D Industrial PA12CF Support Filament is a break-away support material specially developed for carbon fiber reinforced composite materials..

Mayku
Preferred Partner

Product SKU: MMUA22100AA

MAYKU MULTIPLIER

$8,150

Create high quality molds and parts in minutes

With the Mayku Multiplier, you can create high-quality molds and parts in just minutes.
The industrial power of the machine allows you to scale up your project at record speed—and gives you full control over every aspect of production.

Make fully transparent prototypes, detailed final parts and cast complex objects with flexible molds. Create parts with a high level of detail and accuracy similar to injection molding at a fraction of the cost.

Key Features

- 400mm (W) x 160mm (H) circular forming area
- Up to 60 psi (4 Bar) of forming pressure
- Up to 5mm sheet thickness
- Automatic sheet leveling (no plastic droop)
- Precision IR sensor for plastic temperature control
- 8 independent/redundant safety features
- Updatable firmware for new features/materials
- In-built self testing, maintenance for ease of use
- In-built air outlet for tools and accessories

Product SKU: MMUA22100AA
Mayku Multiplier
$8,150.00

What's Included

- Raise3D Pro3 3D Printer
- Alu - BuildTak plate (with auto-level pattern on it)
- Leveling Feeler Gauge
- Build Plate Scraper
- Top Cap
- HEPA Air Filter
- Webcam

Tech Specs

- Build Volume (Single Extruder): 300 × 300 × 300 mm (W x D x H)
- Build Volume (Dual Extruder): 255 × 300 × 300 mm (W x D x H)
- Machine Size: 620 × 626 × 760 mm (W x D x H)
- Filament Diameter: 1.75mm
- Max Build Plate Temperature: 120ºC

Product SKU: MMUABS4A23100AA
Mayku Multiplier ABS Sheet
$301.99

Technical Specs

- Thickness: 4.0mm
- Quantity: Pack of 10 sheets
- Forming Time: 18 minutes

Key Properties
- Strength
- High stiffness
- Lightweight
- Easy to process and bond
- Good impact resistance at low temperatures
- Good gloss surface finish
- Excellent chemical resistance

Product SKU: MMUPMMA3A23100AA
Mayku Multiplier PMMA Sheet
$22.00

Technical Specs

- Thickness: 3.0mm
- Quantity: Pack of 10 sheets
- Forming Time: 18 minutes

Key Properties
- High light transmission
- Excellent optical clarity
- Weather resistance
- Shatter resistance
- Good abrasion resistance
- Good insulation properties
- Easy handling and processing
- Lightweight
- UV resistant

Product SKU: Mayku-PETGSheets

Mayku Multiplier PETG Sheet

$11.00

Technical Specs

- Thickness: 1.00mm
- Quantity: 1 sheet or 10 sheets
- Forming Time: 10 minutes

Highlights
- Easy to fabricate
- Fast cycle times, particularly at thinner gauges
- Food safe
- FDA approved
- Recyclable
- Semi-rigid
- Good impact resistance
- Transparent
- Good chemical resistance
- Smooth and clean surface finish

Product SKU: Mayku-EVASheets

Mayku Multiplier EVA Sheet

$20.00

Technical Specs

- Thickness: 1.5mm
- Quantity: 1 sheet or 10 sheets
- Forming Time: 10 minutes

Highlights
- Shock absorbent capabilities
- Insulating and waterproofing properties
- Easy to process and recycle
- Excellent flexibility
- Good strength
- Tear resistant
- Lightweight
- Non-toxic
- Resistant to water, UV radiation, and chemicals
- Ultra high detail

Product SKU: Mayku-HIPSSheets

Mayku Multiplier HIPS Sheet

$9.00

Technical Specs

- Thickness: 1.00mm
- Quantity: 1 sheet or 10 sheets
- Forming Time: 10 minutes

Highlights
- Lightweight
- High strength
- High rigidity
- Excellent dimensional stability
- Excellent electrical properties
- Resistant to many chemicals
- Relatively inexpensive compared to other thermoplastics
- Smooth white satin finish
- Fully recyclable
- Made from recycled plastic waste
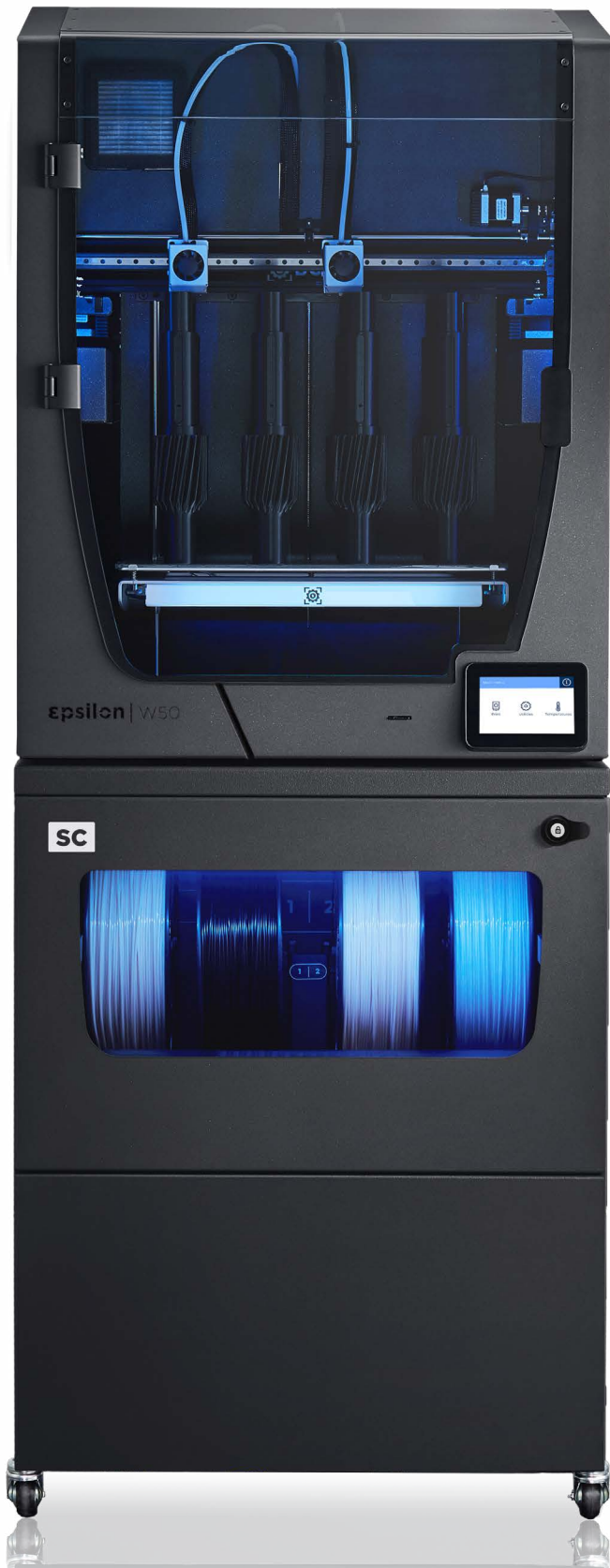
BCN3D Epsilon W50 + Smart Cabinet

Product SKU: 17500-Bundle

$16,435.00

Industrial Power On Your Workbench.

The Epsilon W50 SC is a powerful professional 3D printing solution, designed to deliver large-scale parts with industrial-grade materials, thanks to features such as its passive heated chamber, full enclosure, and humidity-controlled environment.

Powered by our Independent Dual Extruder (IDEX) system, the Epsilon W50 delivers exceptionally strong functional parts with quality and precision, while the Smart Cabinet (SC) boosts your printers' performance, keeping your materials in optimal condition and significantly improving each print's quality.

Key Features
- IDEX Technology
- Industry Ready Materials
- Massive Print Volume
- Automatic XYZ Calibration

BCN3D OMEGA I60 (120V)

Product SKU: 20501

$29,999.00

The next step in 3D printing starts here, with the BCN3D i60.

BCN3D Omega I60 is a high-speed, all-in-one industrial 3D printer designed for the factory floor, featuring IDEX system, an actively heated chamber and a massive print volume.

The BCN3D Omega I60 features a modernized version of BCN3D's signature IDEX technology, which doubles productivity by using both toolheads simultaneously. It boasts a massive print volume of 60L and a heated chamber that can reach temperatures up to 70ºC, allowing for the production of large-scale, robust pieces in engineering-grade materials. The printer is equipped with a temperature and humidity-controlled material operations system that prepares filaments for printing. Additionally, it utilizes a 1.75mm direct-drive high-speed extruder capable of speeds up to 300 mm/s, enabling faster production of parts than ever before.

Key Features
- IDEX Technology
- Active Heated Chamber up to 70ºC
- Material Operations System
- Powerful Extrusion System
- High Speed Ready
- Massive Print Volume of 60 Litres

Product SKU: 20501

BCN3D OMEGA I60 (120V)

$29,999.00

Product SKU: 17500-Bundle

BCN3D Epsilon W50 + Smart Cabinet Bundle

$16,435.00

Product SKU: 18500

BCN3D Epsilon W27 Dual Extrusion 3D Printer

$8,147.25 ~~$9,585.00~~

The next step in 3D printing starts here.

BCN3D Omega I60 is a high-speed, all-in-one industrial 3D printer designed for the factory floor, featuring IDEX system, an actively heated chamber and a massive print volume.

Key Features
- IDEX Technology
- Active Heated Chamber up to 70ºC
- Material Operations System
- Powerful Extrusion System
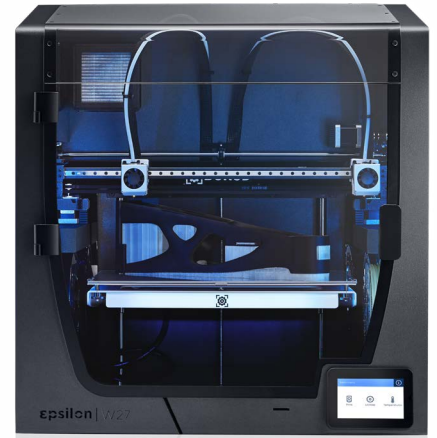- High Speed Ready
- Massive Print Volume of 60 Litres

Key Features
- IDEX Technology
- Industry Ready Materials
- Massive Print Volume
- Automatic XYZ Calibration

Technical Specs
- Build Volume:
  420mm x 300mm x 400mm
  (16.53" x 11.81" x 15.75")
- Independent Dual Extrusion (IDEX) with soluble support material or multi-material parts
- Filament run-out detection
- Heated bed up to 120ºC
- Active bed-levelling
- Passively heated chamber up to 60 degrees with airflow control
- Air Filtration with Category H13 HEPA Filter
- Dual drive Bondtech Extruder

What's Included
- Form 3B+ 3D Printer
- Build Platform
- Form 3 Resin Tank
- Form 3 Finish Kit
- Form Cure
- Form Wash
- 1 Year Medical/Professional Service Plan
- Extended Warranty (Optional)
- Resin (Included if you get MSP)

Tech Specs
- Build volume:
  420mm x 300mm x 220mm
  (16.53" x 11.81" x 8.66")
- 1x Light Processing Unit:
  85 micron laser spot size
  250 mW laser power

Product SKU: 13001

BCN3D Smart Cabinet

$5,475.00

What's Included

- BCN3D Smart Cabinet
- Power Cable

Technical Specs
- Compatible with Epsilon W50, Epsilon W27, and Sigma D25*
- Optimal for all materials
- Low Energy consumption: 12 W Avg / 100 W Max
- 8 storage slots for small filament spools (4 for big spools)
- Prints while in dry storage
- Humidity-controlled environment, dries without heat
- No consumable parts
- Spool stored 4 days at 70% RH

*Please contact us if you'd like to use the SC with the D25.

Certifications
All BCN3D printers and products from Shop3D are certified in Canada by eSafe Ontario or QAI Laboratories and have

Product SKU: 15000

BCN3D Sigma D25 Dual Extrusion 3D Printer

$5,475.00

What's Included

- BCN3D D25 Dual Extrusion 3D Printer
- Independent dual heads with 0.4mm Nozzles
- 2 x BCN3D PLA Spools
- BCN3D Tool kit
- BCN3D - Cura

Technical Specs
- Build Volume: 420mm x 300mm x 200mm (16.5" x 11.8" x 7.87")
- Layer resolution up to 50 micron for 0.4 mm nozzle
- Print temperature up to 290 °C
- Dual extrusion with independent heads (IDEX)
- Mirror and Duplication Modes
- Filament Run-out Sensor

Certifications
All BCN3D Printers from Shop3D are certified in Canada by eSafe Ontario or QAI Laboratories and have a certification label affixed to the back of each unit. This label is accepted by all electrical regulatory authorities in Canada.

Product SKU: 10379

BCN3D Metal Pack

$1,850.00

What's included?
- 1x 316L 3Kg BASF Spool
- 1x 17-4PH 3Kg BASF Spool
- 2x Hotend M
- 1x Magigoo Pro Metal
- 2x Brass Wiper
- Activation code

Product SKU: 10411

BCN3D Fiber Pack

$1,369.00

What's included?
- 2x PAHT CF15 2.85mm/750g
- 2x PET CF15 2.85mm/750g
- 2x BVOH NATURAL 2.85mm/500g
- 2x Magigoo Original 50ml
- 2x Hotend X 0.6mm

SHOP3D.ca

Canada's Official Distributor For The Top 3D Brands

Shop3D.ca is the primary official Canadian distributor and sales partner for Ultimaker 3D Printers, filaments and accessories and parts. We are also the Canadian reseller for Formlabs 3D Printers, resins and accessories. Shop3D is acts as the North American distributor for Innofil3D filaments.

We are proud to represent these brands in providing top tier OEM 3D printing equipment to the Canadian market. Enjoy piece of mind with genuine OEM parts and accessories and an expert sales and technical team that will always be able to provide you with the best recommendations for your particular application.

Contact:
sales@shop3d.ca

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