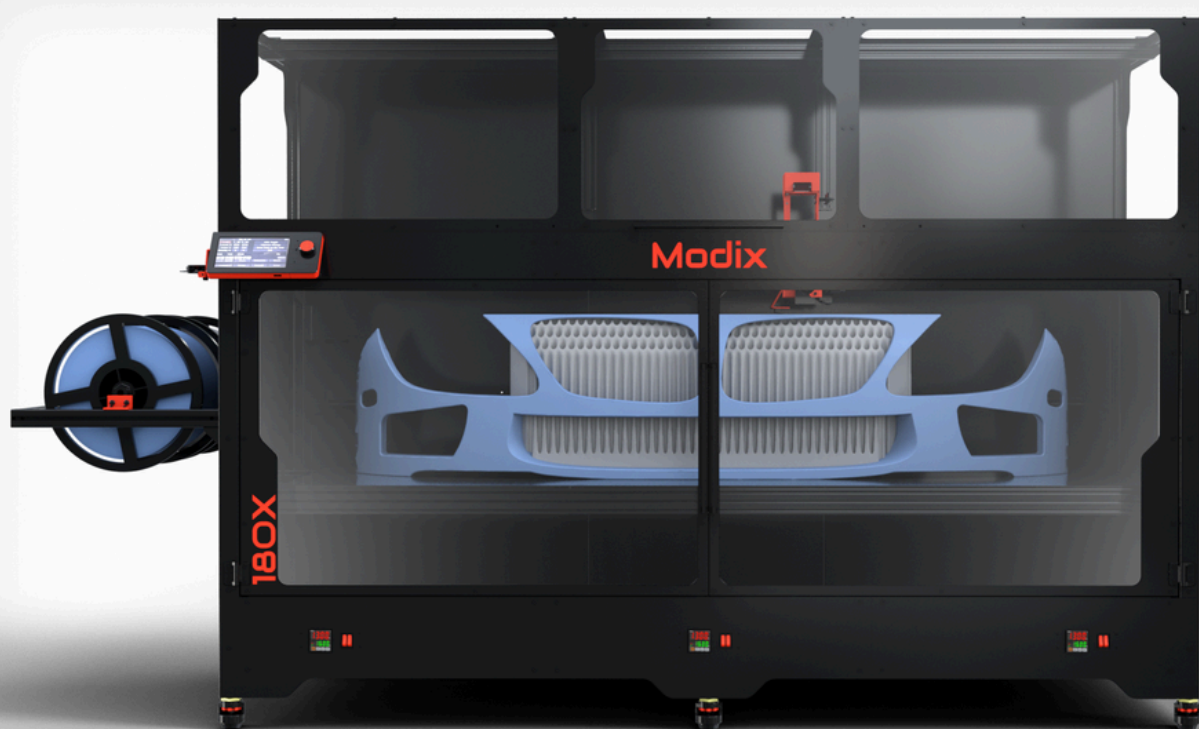


Product Catalog

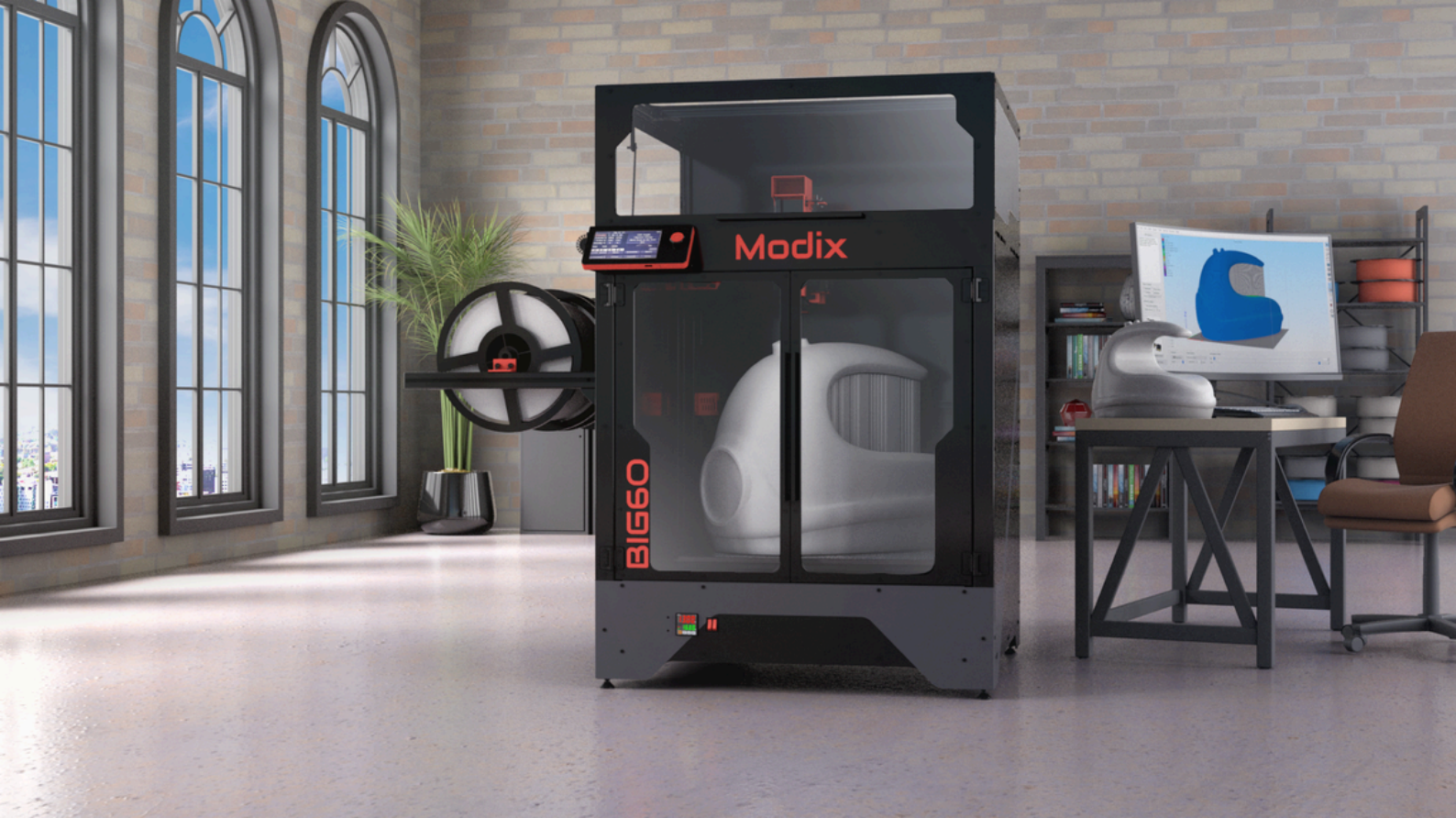
BIG Line: Printers & Add-ons



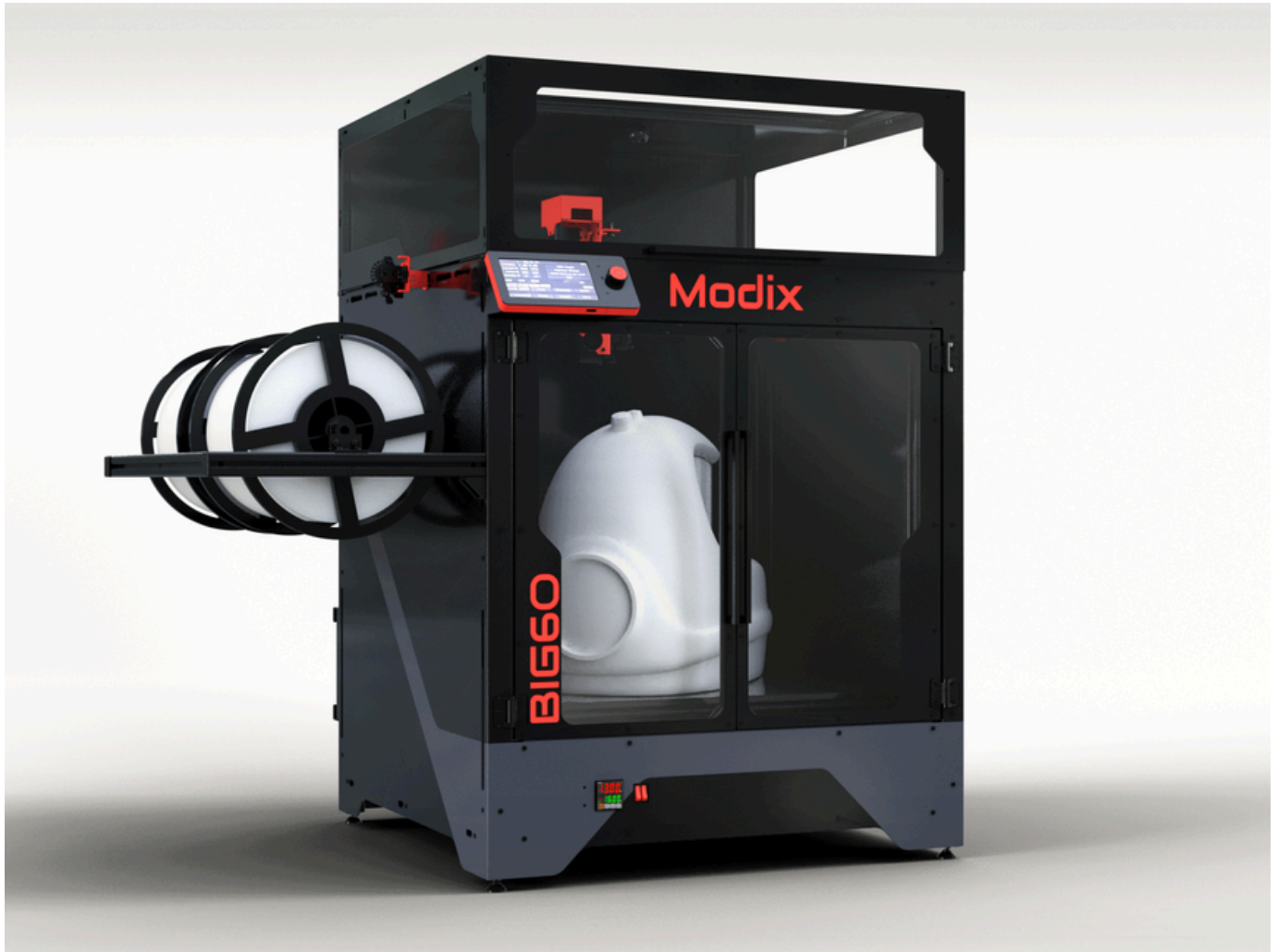
Edition - 2025

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Printers



Modix BIG-60 GEN4

The Modix BIG-60 is a versatile large-scale 3D printer, designed for a wide range of projects. With its generous build volume and optional IDEX technology for multi-material printing, the BIG-60 easily handles both detailed prototypes and large, functional parts. It's a reliable, flexible solution for professionals across various industries, offering precision and efficiency in every print.

Specs:

- Print volume: 600 X 600 X 660 mm (XYZ).
- Machine Size (WxDxH): 906x1060x1,506 mm
- Delivery: self assembly kit
- Shipping Weight: ~120 KG (depend on add-on selection)
- Enclosure: Optional
- Default print head: single Griffin extruder, 1.75mm filament
- IDEX – Secondary print head: optional
- Z Axis Guides: Smooth rods, Hiwin rails – optional
- Includes 12 months of warranty and lifetime support (not include degradables)
- Shipping cost is a regional flat fee including any amount of add-ons. Ordering add-ons only (without a printer), will require additional shipping fee.

From 5,400 USD



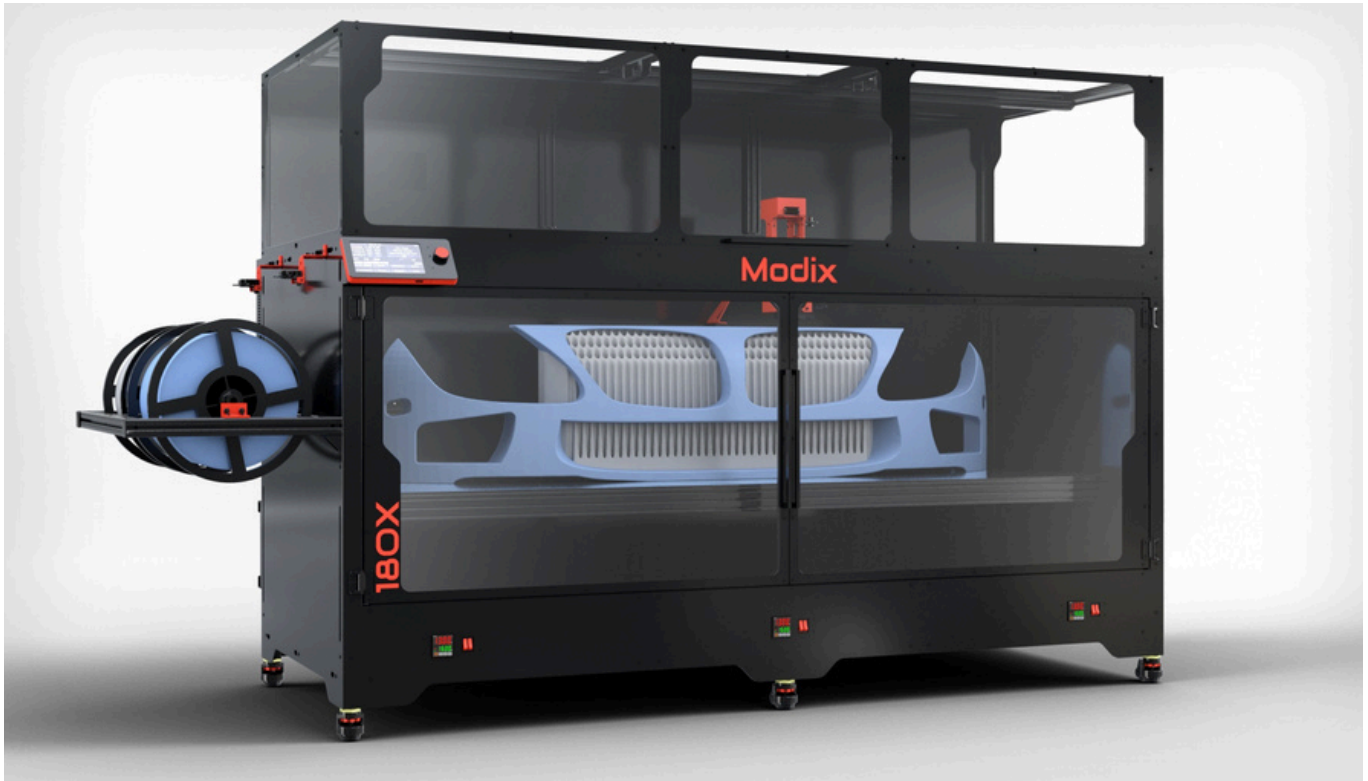
Modix BIG-METER GEN4

The Modix BIG-Meter is an all-around large-format 3D printer, renowned for its versatility and popularity among professionals. With its expansive build volume, the BIG-Meter is capable of tackling a wide range of projects, from detailed prototypes to large-scale functional parts. Its balanced design and reliable performance make it a go-to solution across various industries, offering the flexibility and efficiency needed for any demanding 3D printing task.

Specs:

- Print volume of 980 x 1,000 x 1,000 mm
- Machine Size: 1,739 x 1,424 x 1,958 mm
- Delivery: self assembly kit
- Shipping Weight: ~200KG (depend on add-on selection)
- Enclosure: included
- Default print head: single Griffin extruder, 1.75mm filament
- IDEX – Secondary print head: optional
- Z Axis Guides: Hiwin rails
- Minimal Electricity requirements – single phase, 208-240V:
 - North America customers: NEMA L6-30P 30A outlet
 - EU/AU/UK customers: IEC 309 32A Blue (2P+E) outlet
- Includes 12 months of warranty and lifetime support (not include degradables)
- Shipping cost is a regional flat fee including any amount of add-ons. Ordering add-ons only (without a printer), will require additional shipping fee.

From 15,000 USD



Modix BIG-180X GEN4

The Modix BIG-180X is designed for large-format 3D printing with an emphasis on its substantial build width, ideal for producing wide, seamless parts in a single print. It is perfect for applications like full-length auto body parts and even surfboards, the BIG-180X reduces the need for assembly and post-processing, providing stronger parts while saving time and costs. It offers reliable performance and precision, making it a valuable addition to any professional workflow.

Specs:

- Print volume of 1,800 x 600 x 600 mm
- Printer dimensions: 2,630 x 1,060 x 1,573 mm
- Shipping weight: 210kg
- Delivery method: Self assembly kit
- Default print head: single Griffin extruder, 1.75mm filament
- Dual head (IDEX) optional
- Duet3D Wifi 32 bit controller & Duex5 Expansion board
- 4 X Z axis motors are controlled individually providing automatic bed tilt calibration.
- 100 probing point for automatic bed leveling
- Minimal Electricity requirements – single phase, 208-240V:
 - North America customers: NEMA L6-30P 30A outlet
 - EU/AU/UK customers: IEC 309 32A Blue (2P+E) outlet
- Includes 12 months of warranty and lifetime support (not include degradables)
- Shipping cost is a regional flat fee including any amount of add-ons. Ordering add-ons only (without a printer), will require additional shipping fee.

From 17,000 USD



Modix BIG-120X GEN4

The Modix BIG-120X redefines what's possible in wide-format 3D printing. With its substantial build width, this printer is tailored for producing broad, uninterrupted parts that meet the exacting standards of industries requiring large-scale components. Whether crafting automotive parts, architectural elements, or oversized prototypes, the BIG-120X excels in reducing the complexity and cost of multi-part assembly. With a more affordable starting price it is a great fit for startups and SMB innovators..

Specs:

- Print volume: 1,200 X 600 X 640 mm (XYZ).
- Machine Size (WxDxH): 1,556×1,060×1,506 mm
- Delivery: self assembly kit
- Shipping Weight: ~170 KG (depend on add-on selection)
- Enclosure: Optional
- Default print head: single Griffin extruder, 1.75mm filament
- IDEX – Secondary print head: optional
- Z Axis Guides: Smooth rods, Hiwin rails – optional
- Includes 12 months of warranty and lifetime support (not include degradables)
- Shipping cost is a regional flat fee including any amount of add-ons. Ordering add-ons only (without a printer), will require additional shipping fee.

From 8,000 USD



Modix BIG-120Z GEN4

The Modix BIG-120Z, a tall member of the BIG family, is specifically designed for printing tall objects such as mannequins, props, and other large industrial projects. This versatile model supports various Modix add-ons, offering flexibility and customization while maintaining an affordable starting price.

Specs:

- Print Volume: 600 x 600 x 1,200 mm (XYZ)
- Machine dimensions: 906 x 1060, 2,066 mm
- Delivery: self assembly kit
- Shipping Weight: ~140 KG (depend on add-on selection)
- Enclosure: Optional
- Default print head: single Griffin extruder, 1.75mm filament
- IDEX – Secondary print head: optional
- Z Axis Guides: Smooth rods, Hiwin rails – optional
- Includes 12 months of warranty and lifetime support (not include degradables)
- Shipping cost is a regional flat fee including any amount of add-ons. Ordering add-ons only (without a printer), will require additional shipping fee.

From 8,000 USD



Modix Everest

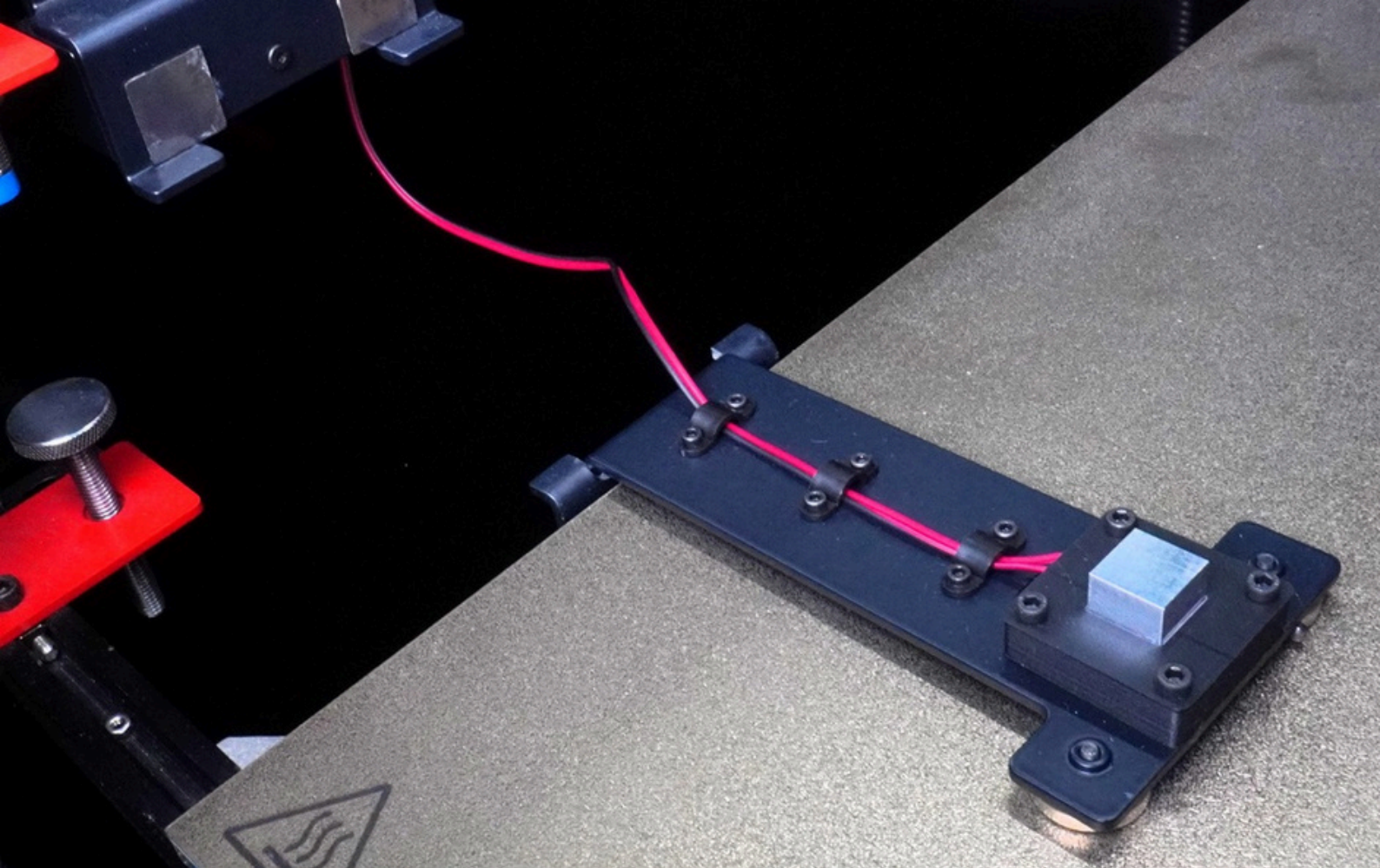
The Modix Everest is more than just a printer; it's engineered to print objects up to two meters tall in a single run. Equipped with the new Griffin Ultra print head, it achieves high-speed printing of over 500 grams per hour with thick 1.2 mm layers. Everest represents our latest innovation, pushing the boundaries of 3D printing capabilities. Its rigid, stable frame provides high-quality prints, and the included enclosure helps maintain a consistent chamber temperature, ensuring a reliable and successful printing experience.

Specs:

- Print Volume: 970 x 1,030 x 2,000 mm (XYZ)
- Machine dimensions: 1,356x1,445x3,068 mm mm
- Delivery: self assembly kit
- Shipping Weight: ~236KG (depend on add-on selection)
- Enclosure: Included
- Default print head: single Griffin Ultra extruder, 1.75mm filament
- IDEX – Secondary print head: optional
- Z Axis Guides: Hiwin rails
- Includes 12 months of warranty and lifetime support (not include degradables)
- Shipping cost is a regional flat fee including any amount of add-ons. Ordering add-ons only (without a printer), will require additional shipping fee.



From 27,000 USD



Add-ons



Enclosure

Ensure optimal printing conditions with the Modix enclosure. This add-on helps maintain a stable temperature, reduces noise, improve structure rigidity, and protects your prints from dust and other environmental factors, leading to higher-quality results.

Price is Model Depended

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	Included	Included	Included



Casters

Enhance the mobility of your Modix printer with our durable casters. Designed to support heavy loads, these casters make it easy to move your printer around your workspace, ensuring flexibility and ease of use.

150\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	Included	Included	Included



Z Axis Hiwin Rails

Upgrade your printer's precision and stability with Hiwin linear rails for the Z-axis. These high-quality rails reduce vibration and improve the overall print quality, especially for tall prints.

900\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	Included	Included	Included	Included



8KG Spool Shelf

Keep your filament organized and within easy reach with the 8KG spool shelf. This sturdy shelf is designed to hold large spools, making it perfect for extended print runs and reducing the need for frequent spool changes.

400\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	Included	Included	N/A

IDEX Technology - Unlocking the Multi Material Potential

IDEX, or Independent Dual Extruder technology, revolutionizes 3D printing by providing unmatched design flexibility and efficiency. With the ability to control two extruders independently, IDEX enables seamless use of multiple materials, including soluble supports, to create complex geometries with ease.

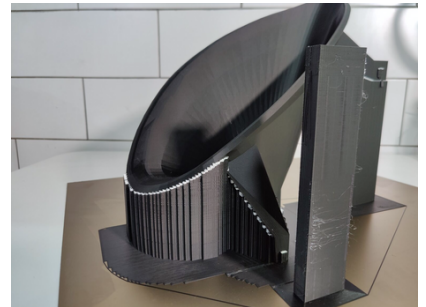
Design Freedom and Complexity

IDEX technology allows for the creation of intricate features, such as small cavities and internal geometries, by using soluble support materials. These supports can be easily dissolved after printing, making it possible to produce complex designs that would be difficult or impossible with traditional single-extruder systems.



Continuous Printing and Efficiency

IDEX enables automatic filament changes, allowing for non-stop printing and maximizing productivity. By having a second extruder ready to take over, IDEX reduces downtime and enables the use of different materials within a single print job, enhancing versatility and reducing material waste.



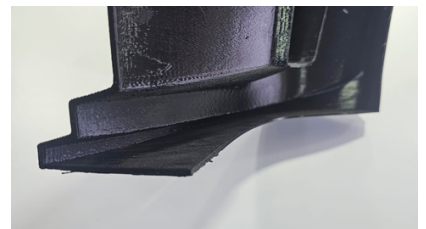
Reduced Post-Processing Labor

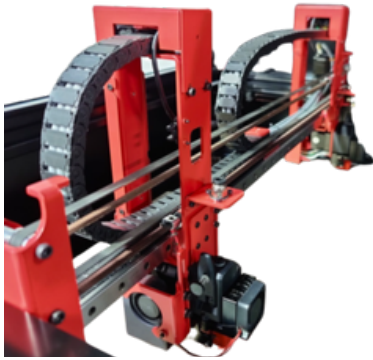
Using IDEX with breakaway support filaments results in cleaner prints with minimal manual post-processing. The bottom layers of the printed model come out smooth and ready for use or painting, eliminating the need for extensive sanding or finishing.



A Game-Changer for 3D Printing

IDEX technology, available as an add-on for all generation 4 Modix printers, brings new capabilities to 3D printing. With the ability to handle water-soluble and breakaway support filaments, IDEX makes it easier to achieve high-quality results for complex models. It is an essential tool for anyone looking to push the boundaries of 3D printing innovation.



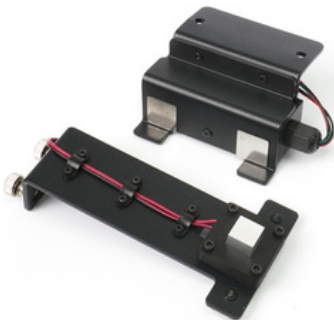


IDEX Dual Print head

Increase your printer's versatility with the IDEX Dual Print Head. This feature allows for independent dual extrusion, enabling the use of multiple materials or colors in a single print, and enhancing the capability for complex designs. Main use of the secondary print head is with soluble support filament for intricate and internal geometries.

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

1100\$



IDEX Calibration Tool

Ensure precise dual extrusion printing with the IDEX Calibration Tool. This tool simplifies the calibration process for independent dual extruder systems, ensuring perfect alignment and high-quality dual-color or multi-material prints.

250\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Soluble Filament , 500 Gram Spool

Expand your printing possibilities with Modix Soluble Filament. Ideal for complex prints requiring support structures, this filament dissolves easily in water, leaving you with a clean, high-quality final product. Modix's Soluble Filament advantage over PVA and BVOH is that it will not absorb moisture from air and therefore will not clog in the hotend during long period of idle times. Compatible with PETG as main filament.

100\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Soluble Solution

Achieve seamless support removal with our Soluble Solution. This carbon-soda based solution is designed to work with our soluble filament, ensuring easy and complete dissolution, saving time and enhancing print quality.

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

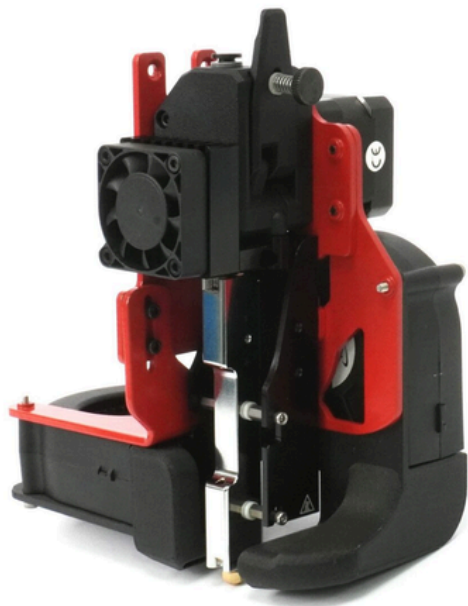
35\$

Modix Filament Hotends: Tailored for Every Use and Need

- **Griffin:** The default hotend included with every printer, offering an ideal balance between detail and flow rate, making it perfect for large-scale printing.
- **Griffin High Resolution:** This hotend is 50% shorter than the standard, providing precise extrusion and accurate retraction. It's ideal for detailed, high-tolerance objects and printing multiple smaller items on a large bed.
- **Griffin High-Flow:** Twice the length of the standard hotend, the Griffin High-Flow allows for faster printing while still delivering appropriate retraction for fine details and overhangs.
- **Griffin Ultra:** With four times the length of the default hotend, the Griffin Ultra excels at rapidly producing large, bulky objects, outperforming market standards in speed.

Hotends maximum flow rate

Hotend	Nozzle[mm]	Flow[mm3/s]
HIGH RESOLUTION	0.4	15
GRIFFIN (Default)	1.2	40
HIGH FLOW	1.4	90
ULTRA	1.6	160 (+500 ggram/hour)



Hotends Nozzle / Layer Height compatibility

Hotend	HIGH RESOLUTION		GRIFFIN		HIGH FLOW		ULTRA FLOW	
Nozzle	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
0.2	0.05	0.15	/	/	/	/	/	/
0.4	0.05	0.32	0.15	0.32	/	/	/	/
0.6	0.15	0.45	0.15	0.45	/	/	/	/
0.8	0.2	0.6	0.2	0.6	0.32	0.6	0.32	0.6
1.0	/	/	0.32	0.75	0.32	0.75	0.32	0.75
1.2	/	/	0.32	0.9	0.32	0.9	0.32	0.9
1.4	/	/	0.32	1.0	0.32	1.0	0.32	1.0
1.6	/	/	0.32	1.2	0.32	1.2	0.32	1.2

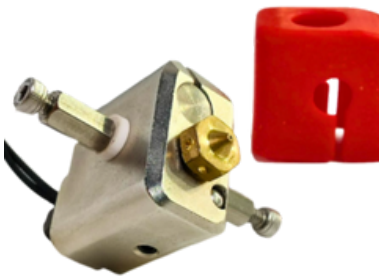


Griffin High-Resolution

Print with unmatched precision using the Griffin High-Resolution hotend. Ideal for tasks demanding intricate details and polished surfaces, this hotend ensures outstanding accuracy and excellence.

130\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Griffin Standard (spare)

Ensure uninterrupted printing with a spare Griffin Standard hotend. Known for its reliability and performance, having a spare on hand minimizes downtime and keeps your production running smoothly.

180\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

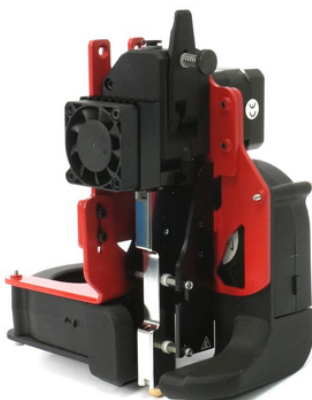


Griffin High-flow

Boost your printing speed with the Griffin High-Flow hotend. Designed for faster extrusion rates, this upgrade is perfect for large-scale prints and reduces overall print times without compromising quality.

350\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Griffin Ultra

Achieve superior print quality and impressive output with the Griffin Ultra extruder (hotend + motor). Capable of delivering over 500 grams per hour, it supports up to 1.2 mm layer height and features a 1.6 mm nozzle for up to 6 times faster printing. This add-on features dual sized cooling fan and additional extruder. Can act as a primary print head together with the standard griffin as a secondary in an IDEX configuration.

NEW

1,100\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	Included

Active Air Filter

The Modix Active Air Filter is an external air filter designed to cleanse the printer's chamber by capturing micro-particles and gas fumes released from melted filament during 3D printing. The filter device continuously circulates and filters the air, ensuring a clean printing environment. The air circulation over and over again is the key for high efficiency of this filtering solution.

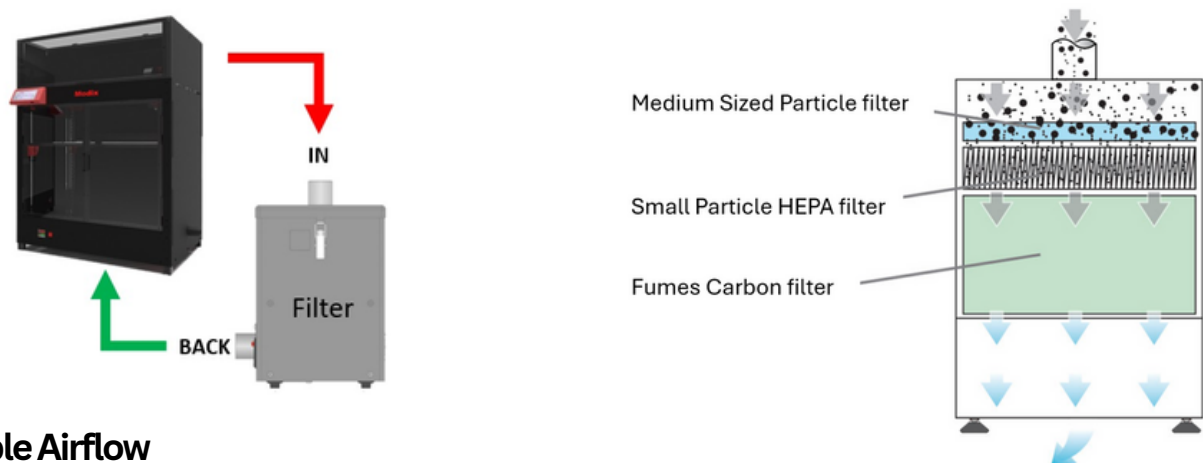
Multi-Layer Filtering

A powerful fan draws air from the printer through and guide it through three filters:

1. Pre-Filter: Removes large dust particles.
2. HEPA Filter: Captures tiny particles with a high-efficiency particulate.
3. Active Carbon Filter: Eliminates toxic fumes from the air.

Health Protection

Sub-micron particles and fumes from melting plastics can pose health risks. Every Modix 3D printer owner is strongly advised to use an air filter, especially when printing with materials beyond PLA, such as PETG or ABS. Even printing PLA in a well-ventilated room may not be sufficient, as windows are often closed during winter and summer.



Adjustable Airflow

The front speed selector allows you to control airflow speed. Running the filter on low speed during printing maintains internal chamber temperature while effectively filtering the air. After printing, setting the speed to high for a few minutes ensures the entire chamber is cleaned.

Spare Filters

In a clean room environment, the HEPA/Carbon combo filters last 6 to 12 months, and the pre-filter lasts 3 to 6 months. An indicator on the front panel alerts you when it's time to replace the filters.



Air Filter Device

Enhance your printing environment with the Air Filter Device. This device captures airborne particles and fumes, improving air quality and ensuring a safer workspace.

1350\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Air Filter filters set

Maintain a clean printing environment with the Air Filter Filters Set. These filters effectively remove particles and fumes, ensuring a safer and healthier workspace.

300\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

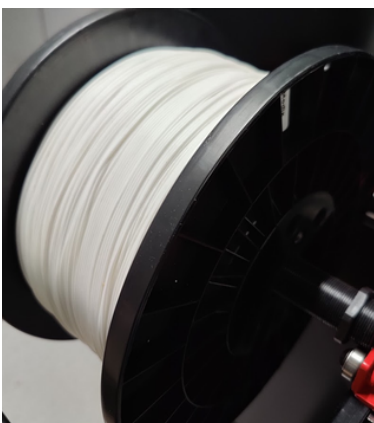


Filament Dryer

Keep your filament in optimal condition with the Filament Dryer. This device removes moisture from your filament, preventing printing issues such as clogs and poor adhesion, ensuring consistently high-quality prints.

1600\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



PLA - 5KG Spools

Stock up on PLA with our 5KG spools. Ideal for extended print runs, these large spools reduce the need for frequent changes, allowing for longer, uninterrupted printing sessions. Available in white and black colors. When ordering spools with the printers, shipping is free!

125\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BiG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Tilt Screen

Improve your user experience with the Tilt Screen. This adjustable screen allows you to find the perfect viewing angle, making it easier to interact with your printer's interface during calibration and monitor print progress. This add-on includes both a frontal power switch and a larger emergency stop button.

250\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	Included	add-on	add-on	Included



Magnetic Bed

Simplify the process of print removal with the magnetic bed. This innovative feature allows for easy detachment of prints and ensures a secure hold during the printing process, improving overall convenience and efficiency. One side has a textured coating and the other side is smooth. This add-on is highly recommended.

Price is Model Depended

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Smart PDU - Mini

Easily manage your bed heaters and air filter with a Duet-controlled Mini Smart PDU. This power distribution unit lets you automatically turn off the bed heaters at the end of a print, helping you save energy efficiently.

* BIG-120X US (110V) - not supported.
If required, please order 230V Beds

200\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	BIG-Everest
add-on	add-on	add-on	N/A	N/A	N/A
	230V only				



Smart PDU - XL (16A or 32A)

Enhance your printer's power management with the Smart PDU XL. It features two independent control channels connected to the Duet controller—one for bed heaters and one for the air filter. This allows a delayed shut-off of the air filter, ensuring clean air before servicing the printer. It also includes two safety over-current circuit breakers. Two versions available: 16A & 32A for 180X, Meter & Everest.

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	BIG-Everest
add-on	add-on	add-on	add-on	add-on	add-on
	230V only				

900\$



Extra PEI sheet

Always have a spare PEI sheet on hand with the Extra PEI Sheet add-on. This replacement sheet ensures you can quickly switch out your printing surface, maintaining optimal adhesion and print quality. This add-on is not required if you have purchased the magnetic bed.

Price is Model Depended

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Spare PT-1000 Sensor

The PT-1000 is a spare temperature sensor, a critical component for printing with Modix printers. This sensor ensures accurate temperature readings for optimal printing conditions. It may require replacement if it is over-tightened or if the wires are accidentally shortened.

95\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Basic Maintenance Kit

Keep your printer in top condition with the Basic Maintenance Kit. This kit includes basic spare-parts and components for routine maintenance, helping to extend the life of your printer and ensure consistent performance.

300\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

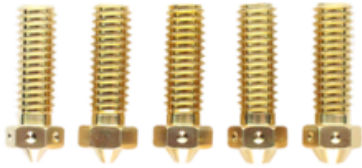


Advanced Maintenance Kit

Ensure long-term independent maintenance for your Modix Gen4 printers with our comprehensive maintenance kit. Packed with everything you need, this kit provides all the essential components to keep your printers running smoothly.

1400\$

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on



Griffin Brass Nozzles

Griffin brass nozzles pack with 5 nozzles (0.4/0.6/0.8/1.0/1.2 mm).

A range of nozzle sizes for high-flow, fast printing.

* 0.4/0.6/0.8 already comes as default with the printer

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

60\$



Griffin hardened Steel Nozzles

The Griffin Hardened Steel Nozzles pack includes three nozzles (0.4/0.6/0.8mm) designed for printing abrasive materials such as carbon fiber-filled, glass fiber-filled, wood, and glitter without degradation. These nozzles are capable of withstanding temperatures up to 450°C

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

170\$



Professional Services

Let us help you with optimizing design, slicing settings & material selection, and move swiftly from concept to successful printing.

Included: a bank of 3 hours for video calls

Save time and focus on what matters most for your project!

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on

550\$



Extended Warranty

Buy a continuous period of 12 months starting from the expiry of standard warranty.

Price varies according to your selected printed model.

Price is Model Depended

BIG-60	BIG-120X	BIG-120Z	BIG-180X	BIG-Meter	Everest
add-on	add-on	add-on	add-on	add-on	add-on