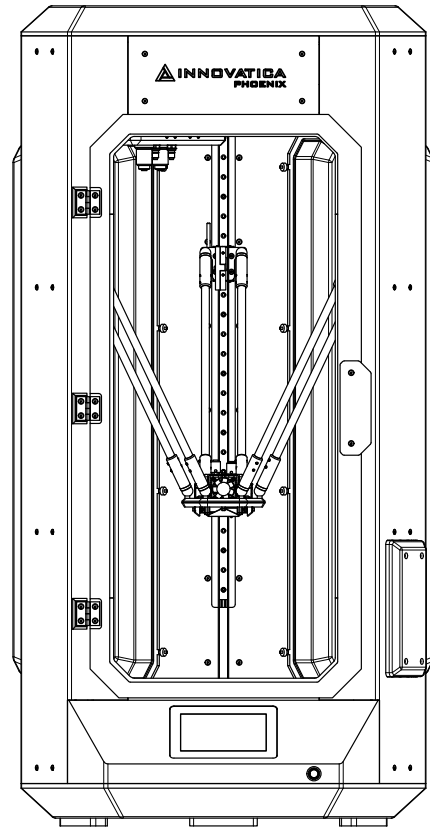


# Phoenix

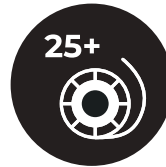
Modular design, durable construction, ability to work with 25+ materials, convenient magnetic table, and many more functional features make it an excellent solution for creating your prototypes or even final products.

Specification sheet



## Modular design

The modular design of our printers allows you to quickly adapt it to a particular material used in your project. You don't need to buy multiple printers – just exchange the printhead and expand the possibilities.



## Wide range of materials

There are over 25 materials from which you can choose to create your models and prototypes using Innovatica printers. Compatible materials range from PLA and ABS to engineering materials like Nylon or carbon-filled PET-G. The printer precisely monitors filament consumption and saves this data onto a self-adhesive NFC chip.



## Technical Condition Monitoring System TCMS

Uninterrupted work of the printer is ensured by the TCMS – Technical Condition Monitoring System. It continually monitors the printer and always keeps you informed about its status, which reduces downtime to a minimum.



## Service Level Agreement SLA

If something goes wrong, you can always count on our support. Thanks to the Service Level Agreement, spare parts are shipped within 24 hours, so you won't have any downtime in implementing your plans.



## Quality

The device is made entirely out of metal in Innovatica's own CNC machine shop, which combined with components delivered by the most reputable manufacturers, guarantees the highest quality of prints.



## Repeatability

The repeatability of the prints is one of the crucial factors, and Innovatica printers will surely meet your expectations. We deliver high precision and repeatable results without differences in the quality of the printed models. This type of feature cannot be overestimated while working on your product.

## PRINTING SPECIFICATIONS

Technology	FDM/ FFF (Fused Filament Fabrication)
Printhead modules	3 types
Print head	Air-cooled, dual-extrusion with lifting nozzles,
Build Volume	Ø300 x 300mm 21.2L
Filament diameter	1.75 mm
Nozzle temperature (max)	300°C
Nozzle diameter	0.25mm 0.4mm 0.6mm 0.8mm
Resolution	0.25mm 150 - 80 micron 0.4mm 250 - 25 micron 0.6mm 400 - 25 micron 0.8mm 600 - 80 micron
Print speed	up to 250mm/s
Build plate type	Magnetic system BuildTak FlexPlate
Build plate surfaces	BuildTak, BuildTak PEI
Build plate temperature (max)	120°C
Build plate leveling	Automatic, nozzle probe
Build plate heat up time	20 - 60°C - 50 seconds 20 - 100°C - 2 min 15 seconds
Supported materials	30
Soluble support	Yes, 4 types
Extruder type	Dual-drive, geared 1:3, Bondtech
Filament amount control system	Yes, integrated NFC system with built-in filament database
Print chamber	Enclosed, passively heated
Print chamber temperature (max)	40°C
Air filtration	HEPA + Activated Carbon
Filament sensor	Yes, for both extruders
Connectivity	Wi-Fi, LAN, USB port
Display	5in 800x480px capacitive touch

## PHYSICAL DIMENSIONS

Printer incl. spool holders	640 x 530 x 1050 mm
Shipping package	850 x 850 x 1500 mm
Printer weight	60 kg
Shipping Weight	95kg

## AMBIENT CONDITIONS

Operating temperature	15-32°C 10-80RH non-condensing
Storage temperature	5-32°C

## POWER REQUIREMENTS

Input voltage	220-240V 50Hz or 110-120V 60Hz
Power (max)	930W
Operating power (average)	550W

## SOFTWARE

Supplied software	Simplify 3D
Supported OS	Windows, MacOS and Linux

## WARRANTY

Warranty period	12 months
Service Level Agreement period	Lifetime