



DIACO

Knowledge-Based Company

Namagostar Diaco Rad

(Privately Held Company)

Top Manufacturer of 3D Printers Chosen by the Vice Presidency for Science and Technology and the Office of Materials Development and Advanced Manufacturing

Full Product Support, 18-Month Warranty, and Provision of After-Sales Services for All Products

The Feature for Customization and Designing 3D Printers for Specialized Cases

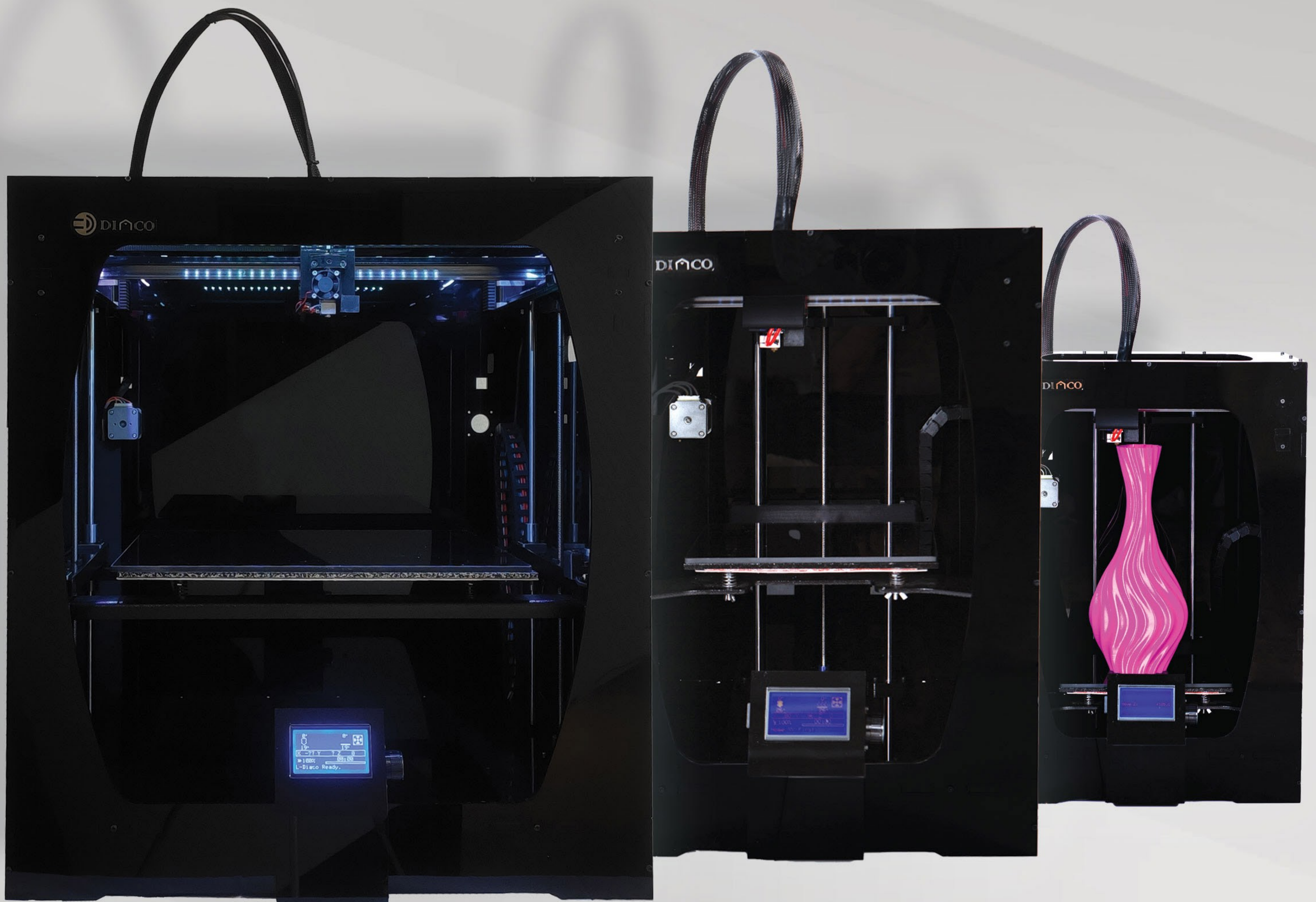
Complete Supply of Required Spare Parts Across the Country

**Head Office Address: Unit 4 , Satea Office Building , Lahoor St.
Eastern Hasht Behesht St. , Isfahan , Iran**

Phone: 00983132743422

Mobile: 00989019990792

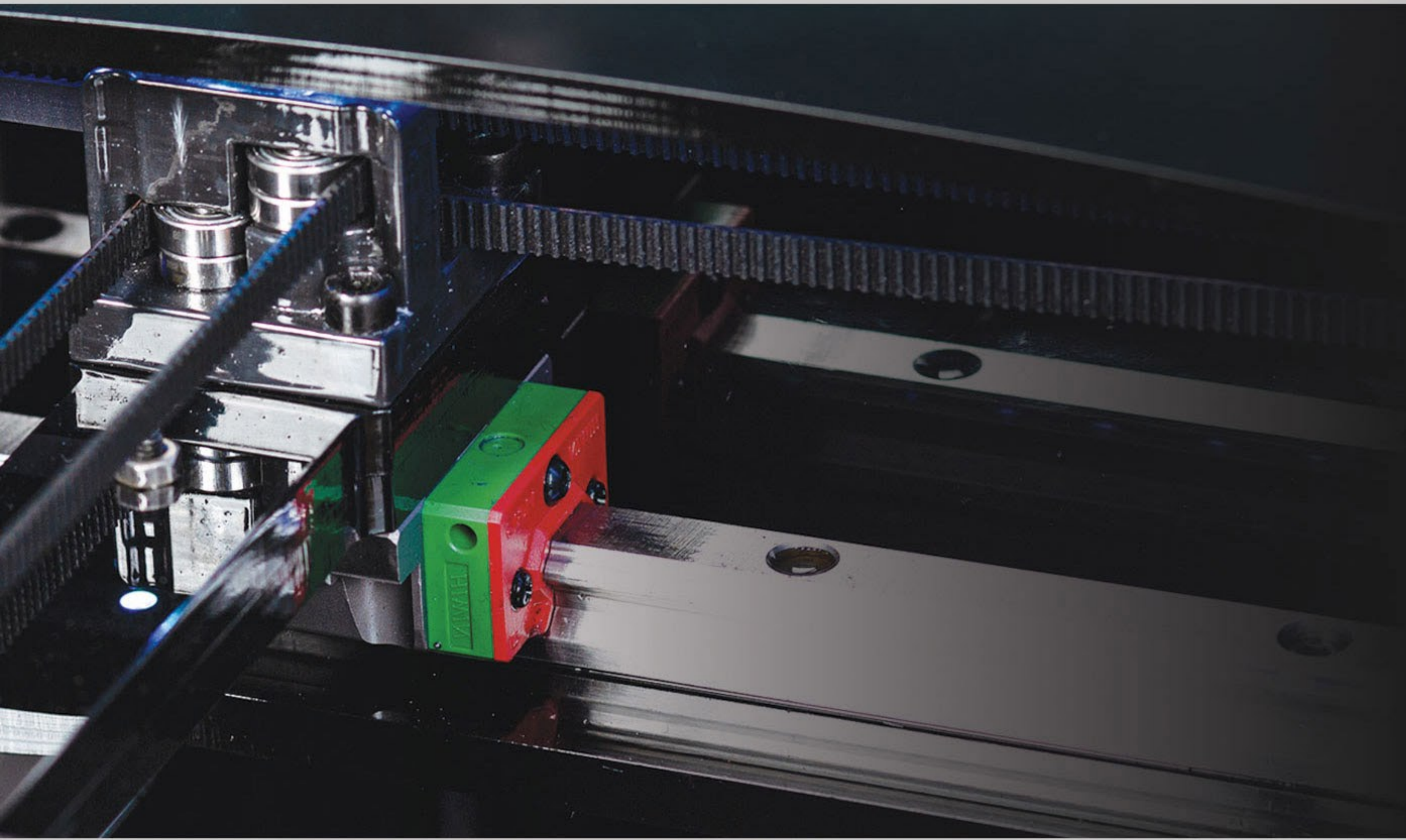
More information at Website: 3diaco.com



Presented as the Strength of a Team

Diaco FDM Printers, LTS Series

L-Diaco	400*400*400 mm
T-Diaco	240*200*350 mm
S-Diaco	200*200*200 mm

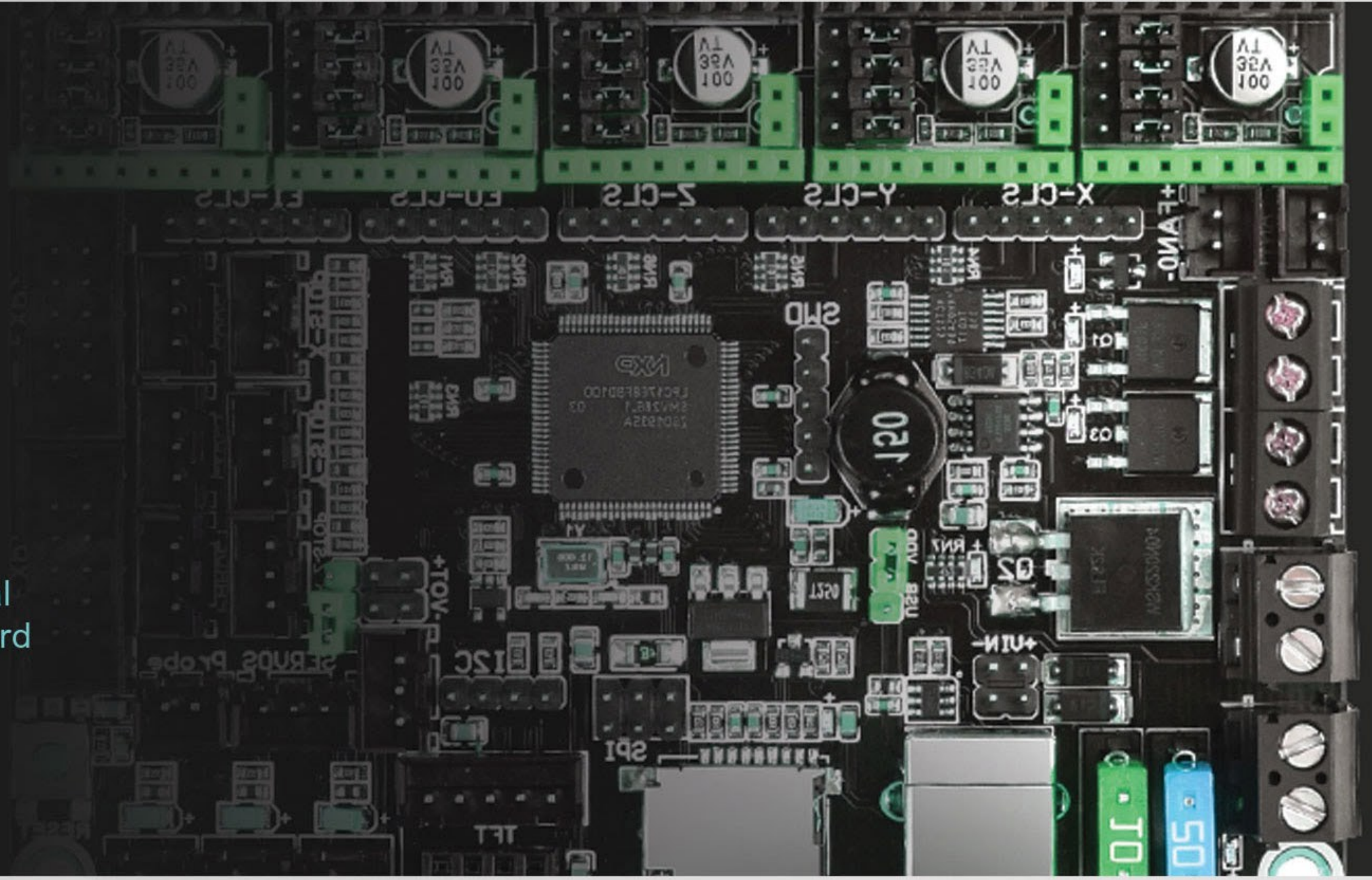


Core XY Motion System Industrial Rail and Wagon, HIWIN Brand

The Core XY belt system is known as one of the most optimal motion systems in the mechanisms used due to the fixed motors, providing a smooth, accurate, and perfect movement along with the HIWIN Brand.

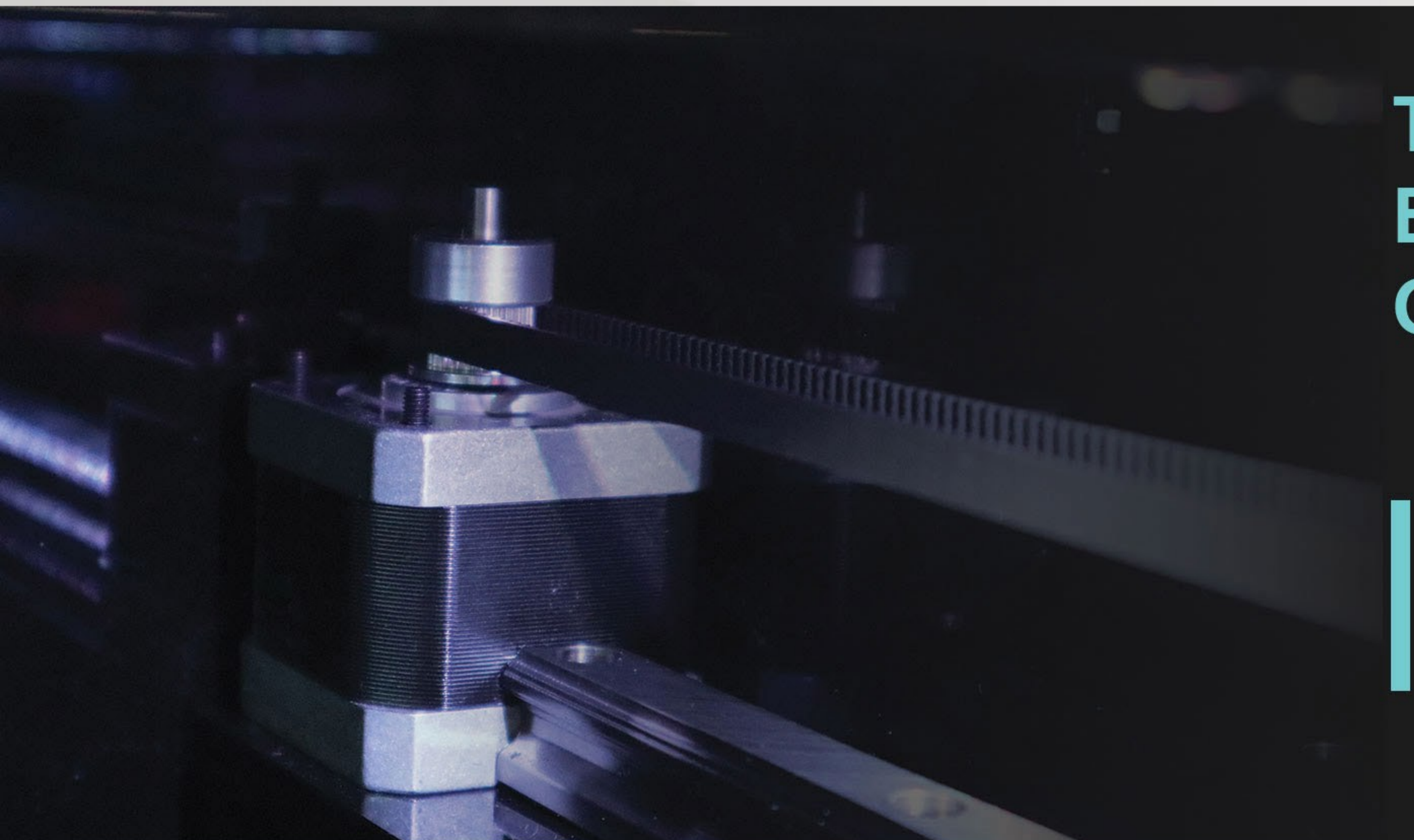
The Custom-Built Four-Layer Board with a 120MHz 32bit Processor

The custom-built board of Diaco Co. with a 120 MHz 32-bit chip provides the user with the ability to process a wide range of practical functionalities and features. Moreover, the four-layer PCB of this board brings a high user's factor of safety in printing continuity.



The Use of Best-Quality Equipment and Production Quality Guarantee

Using LeadShine brand stepper motors, made in Japan, along with Mean Well brand power supplies and German TMC Company drivers together has brought high reliability, completely silent operation and system stability. As a result, all electronic items are included in the replacement warranty.



Quite Industrial, Still Desktop High Stability, Low Depreciation

Keeping the appropriate desktop dimensions, the Diaco series devices have gathered all the features of an industrial printer, including high stability, intelligent troubleshooting system, standard security commands, support for all filaments on the market, and the use of industrial equipment with low depreciation.



High Printing Speed While Maintaining Good Quality and Speed



A set of powerful custom-built dedicated board, motor, drivers, and extruders associated with optimized and reliable coding allow us to increase the device motion speed to 400 mm per second and the speed of the printer up to 180 mm per second. Time is indeed the most valuable asset of yours and ours.

Optimized in Three Sizes Tailored to the User's Needs

Sizing in 3D printers can optimize the cost relative to the desired application of users. The production standards in each size are set according to the applied loads. Thus, the quality remains intact in all different sizes.



**S-Diaco****T-Diaco****L-Diaco**

Dimensions of the device (mm)	420*420*420	440*440*570	600*570*600
Dimensions of build space (mm)	200*200*200	240*200*350	400*400*400
Maximum speed (mm/s)	550	550	500
Max printing speed (mm/s)	200	200	180
Maximum extrude (gr/hr)	50	50	60
Motion resolution	2 microns	2 microns	2 microns
Layering	From 30 microns up	From 30 microns up	From 30 microns up
Nozzle size	0.6 / 0.5 / 0.4 / 0.3 / 0.2	0.6 / 0.5 / 0.4 / 0.3 / 0.2	0.8 / 0.6 / 0.5 / 0.4 / 0.3
Belt system	Core XY	Core XY	Core XY
Nozzle temperature	Up to 300 C°	Up to 300 C°	Up to 300 C°
Build plate temperature	Up to 150 C°	Up to 150 C°	Up to 150 C°
Rail and wagon	YES	YES	YES
Two-motor z-axis	NO	NO	YES
Silicone heat bed	YES	YES	YES
Flexible magnetic build plate	YES	YES	YES
32-bit board	YES	YES	YES
TMC drive	YES	YES	YES
Filament runout sensor	NO	YES	YES
Silent mode	YES	YES	YES
Controllable fan	YES	YES	YES
Cooling of the part	YES	YES	YES
Compatible software	Cura, symplify3d. repetier. Idea maker Prusa slicer	Cura, symplify3d. repetier. Idea maker Prusa slicer	Cura, symplify3d. repetier. Idea maker Prusa slicer
Printable material	PLA, ABS, PETG, TPU, TPE, PP, PA, PC, POM, HIPS, PVA, PCL COMPOSITS	PLA, ABS, PETG, TPU, TPE, PP, PA, PC, POM, HIPS, PVA, PCL COMPOSITS	PLA, ABS, PETG, TPU, TPE, PP, PA, PC, POM, HIPS, PVA, PCL COMPOSITS