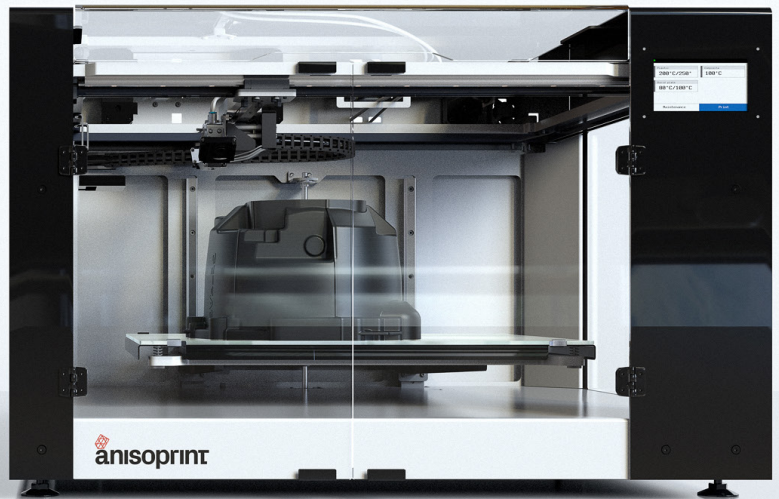
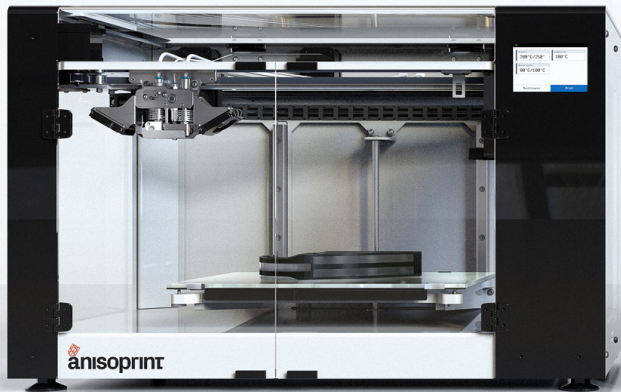


ANISOPRINTING is the technology for manufacturing optimized composite structures through continuous fiber 3D printing



HARDWARE: DESKTOP 3D PRINTER **COMPOSER**

Compared to analogues:

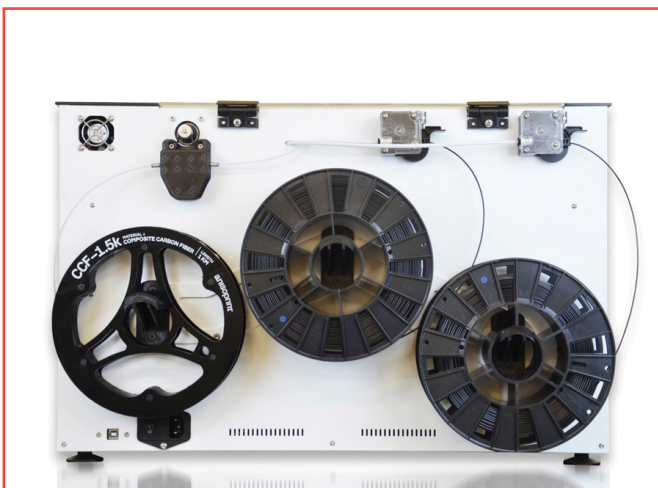
- > printing reinforced lattice structures: lower weight, price and production time
- > **open material system** — any plastic with processing temperature up to 270°C as a matrix (PETG, ABS, PC, PLA, PAs, etc)
- > lower porosity — higher strength
- > 30-50% lower material printing costs
- > complete control over fiber path generation
- > 2 sizes: **A4** 297×210×147mm & **A3** 420×297×210mm build area



MATERIAL: COMPOSITE CARBON FIBER (**CCF**) and COMPOSITE BASALT FIBER (**CBF**)

Plastic reinforced with CCF or CBF:

- > up to **20** times stiffer and stronger than normal plastic
- > up to **7** times lighter than steel and strong as stainless steel
- > strength- and stiffness-to-weight ratio is more than **5** times higher than for 2024-T351 Aluminum



Printing

Build area size	A4: 297 mm x 210 mm x 140 mm A3: 420 mm x 297 mm x 210 mm
Printing technology	Fused Filament Fabrication (FFF) Composite Fiber Co-extrusion (CFC)
Layer thickness, min	60µm
Printhead	Dual nozzle (FFF extruder; CFC extruder with reinforcing fiber cutting device)
Nozzle diameter, FFF	0.4 mm
Plastic filament diameter	1.75mm
Compatible plastics	Plastics with processing temperatures up to 270°C
Reinforcing fiber	Anisoprint CCF-1.5k, CBF
Buildplate surface	Glass

Temperature

Max. printhead operating temperature	270°C
Max. buildplate operating temperature	60°C (up to 120°C with open print chamber)

Software

Slicer	Anisoprint Aura (FFF+CFC), Cura, Slic3r (only FFF)
OS support	Windows 7, 8, 10, etc

Interfaces

Connectivity	SD-card slot, USB-Type B
LCD	A4: 3.5" touchscreen A3: 4.3" touchscreen



DISTRIBUTORE
UFFICIALE



ROMA	Circ.Casilina 137/139 00176 Roma	+39 06 89524301	info@3ditaly.it
MILANO	C.so San Gottardo, 19 20136 Milano	+39 02 5450878	milano@3ditaly.it
PADOVA	Via Guido Reni 77/f 35134 Padova	+39 049 2022020	padova@3ditaly.it
RAGUSA	Via Mongibello, 168 97100 Ragusa	+39 0932 644905	ragusa@3ditaly.it
TORINO	Via Napione, 20/c 10124 Torino	+39 011 6504865	torino@3ditaly.it