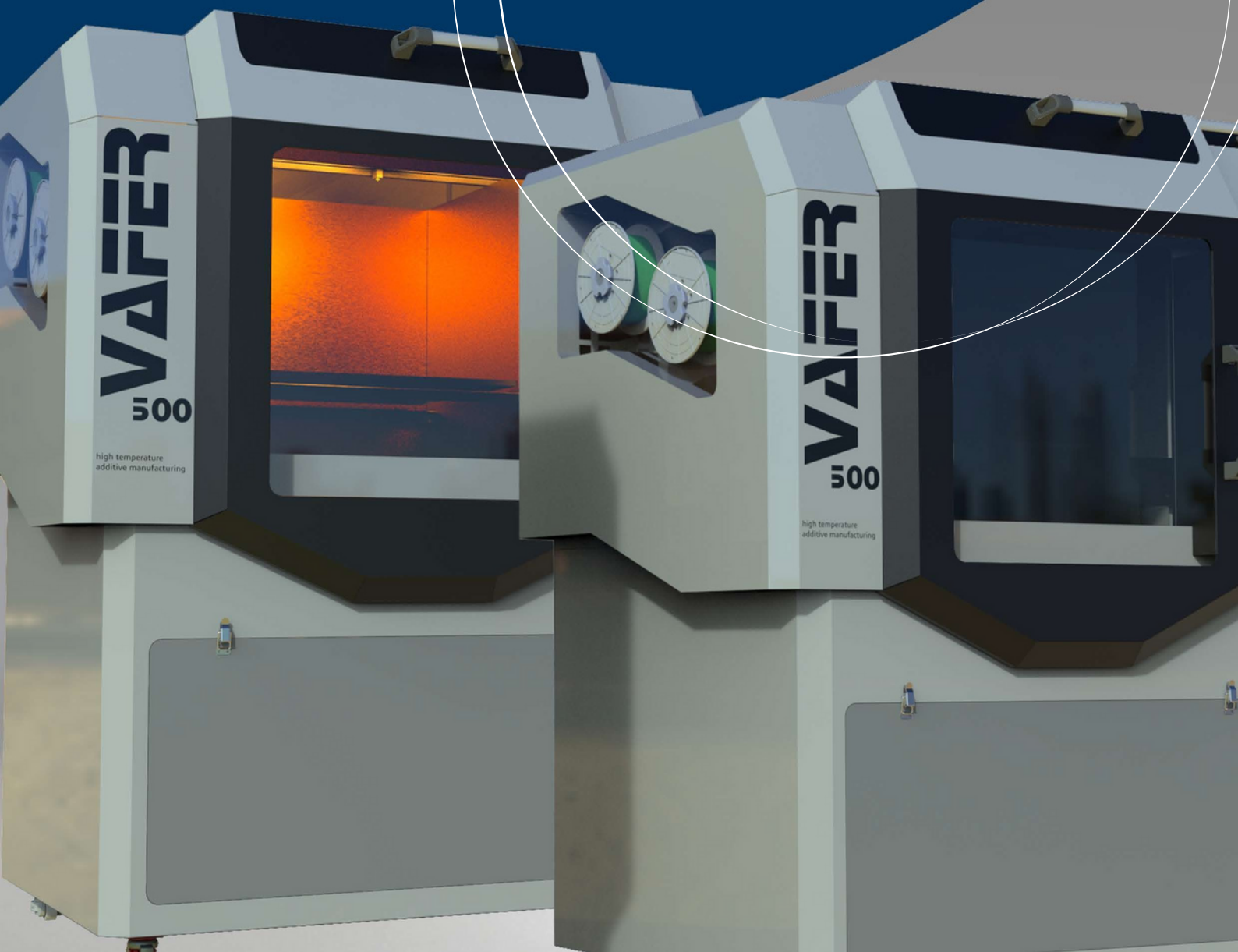


VAFER

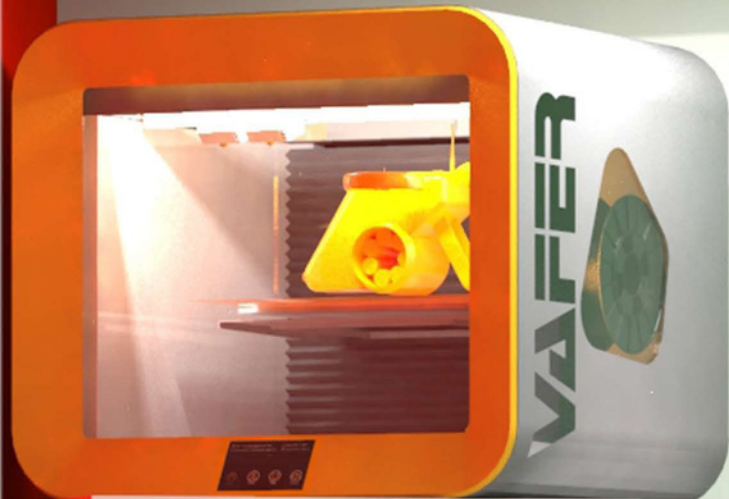
Industrial 3D Printer





Printer and printing properties

Technology	Fused filament fabrication (FFF/FDM)	
Print head	Double Extrusion head with swappable nozzles	
Build volume (XYZ)	500x 500x 500mm 19.7x 19.7x 19.7in	
Layer resolution	0.3 mm nozzle:	150 - 60 micron
	0.35 mm nozzle:	150 - 60 micron
	0.4 mm nozzle:	200 - 60 micron
	0.5 mm nozzle:	300 - 60 micron
	0.6 mm nozzle:	600 - 60 micron
	0.8 mm nozzle:	600 - 60 micron
XY positioning accuracy	100microns	
Z positioning accuracy	50microns	
Nozzle temperature	175-450°C	
Heated Bed temperature	60-180°C	Chamber: 100°C
Print speed	60-100 mm/s	
Build plate	Heated cast Aluminium bed (with ceramic glass Addon)	
Nozzle diameter	0.4 mm (included)	
Operating sound	< 50 dBA	
Filament diameter	1.75mm	
Supported Materials	ABS, PLA, ASA, petG, TPU (ninjaflex), TPE, HIPS, PVA, Polycarbonate, ABSCF (20+more materials and composites.) PEEK/ PEEK-CF/ PEEK-GF/ PEKK/ ULTEM.	
Industrial Materials	SD-card, Pen-Drive (uDisk), USB port	
Connectivity	MacOS, Windows, and Linux	
Supported OS	Warranty period 12 months (Extension available)	



Key Features:

Realtime filament dryer*

Auto-Bed Leveling

Filament over/break sensor

Multiple connectivity options

5" Touch Screen

Hybrid Linear Rail mechanism

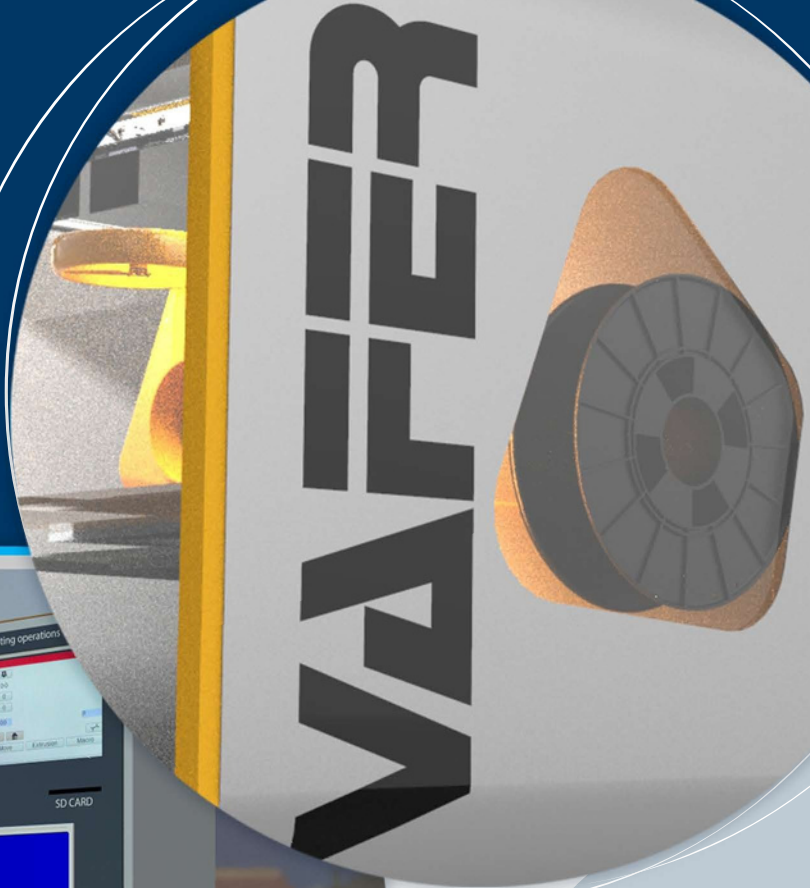
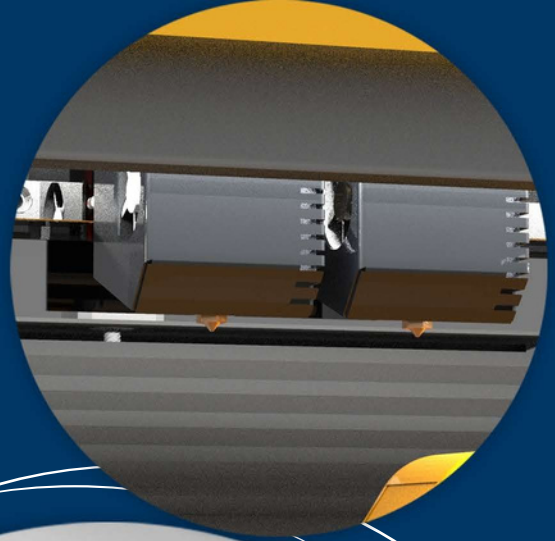
3 minutes preheating time

24/7 running capability

Power-off recovery

Concealed Z-axis

Ergonomic design



*Realtime filament drying chamber protects raw material from moisture, this system not only increases life of 3D printing filament but also increases range of supported 3D Printing Filaments. With a touchscreen, pendrive, sd card and USB support, Ether is your perfect desktop manufacturing machine.

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