



# INDUSTRY F1000

Large Format High-Performance 3D Printer  
for True Engineering & Composite Parts



**NOZZLE INNOVATION:  
PRINT 30% FASTER**

**ACTIVELY HEATED  
CHAMBER**

**PRINT LARGE  
COMPOSITE PARTS**

**PROCESS MONITORING  
& TRACEABILITY**

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## SPECIFICATION SHEET

Date / Revised: 08.2024

Version No.: 2.0

<b>PRINTING</b>	Print technology:	FFF
	Build volume:	1000 x 600 x 800 mm
	Min. layer height:	50 µm
	Number of printheads:	3 / Purging System
	Filament diameter:	1.75 mm
	Achievable part accuracy:	Parts are printed with an accuracy of 0.254 mm or 0.002 mm/mm, whichever is greater. Accuracy in Z-axis includes an additional tolerance of 0.000/+ layer height.
<b>SPEED</b>	Travel move:	1000 mm/s
	Printing speed:	up to 400 mm/s
<b>DIMENSIONS AND MASS</b>	External dimensions (WxDxH):	1800 x 1350 x 2000 mm
	Mass:	800 kg
<b>ENVIRONMENT</b>	Working temperature:	18-30°C
	Storage temperature:	-20-54°C
<b>POWER</b>	Power requirements (EU):	230V 3ph with 32A IEC 60309 plug (recommended), or 230V 1ph 20A direct connection
	Communication:	ethernet, Wi-Fi, USB drive
<b>SOFTWARE</b>	Slicing software:	3DGence SLICER 4.0
	Cloud based services:	3DGence CONNECT
<b>SAFETY</b>	Advanced Filtration Unit:	yes, optional
	Sensors:	main chamber door, top access hatch, thermal sensors, emergency switch
	UPS device:	yes, optional
	Others:	software access overdrive - remote shut down