



INDUSTRY F350

High-performance 3D printer
for demanding industrial applications



**HIGH PRINT
SPEED**

**POWERFUL
HEATED CHAMBER**

**LARGE BUILD
VOLUME**

**HIGH-PERFORMANCE
MATERIALS**

INDUSTRY F350

SPECIFICATION SHEET

Date / Revised: 05.03.2024

Version No.: 1.0

PRINTING	Print technology:	FFF
	Build volume:	340 x 340 x 350 mm (40 460 cm ³)
	Min. layer height:	50 µm
	Number of printheads:	2, purging system
	Nozzle diameter:	0.5/0.5 mm or 0.4/0.4 mm
	Filament diameter:	1.75 mm
	Printhead temperature (max):	500°C
	Buildplate temperature (max):	160°C
	Chamber temperature (max):	140°C (active heating)
	Filament chamber temperature (max):	50°C
	Achievable part accuracy:	Parts are printed with an accuracy of 0.125 mm or 0.0014 mm/mm, whichever is greater. Accuracy in Z-axis includes an additional tolerance of 0.000/+ layer height.
SPEED	Travel move:	1000 mm/s
	Printing speed:	up to 400 mm/s
DIMENSIONS AND MASS	External dimensions (WxDxH):	960 x 940 x 1825 mm
	Mass:	335 kg
CONSTRUCTION	Chassis:	steel
	External:	steel, chamber lined with stainless steel
	Build surface:	borosilicate glass / magnetic sheets
ENVIRONMENT	Working temperature:	18-30°C
	Storage temperature:	-20-54°C
POWER	Power requirements (EU):	230V 1ph with 16A CEE 7/7 plug
	Power requirements (UK):	230V 1ph with 16A IEC 60309 plug
	Max power draw:	3300 W
	Communication:	ethernet, Wi-Fi, USB drive
SOFTWARE	Slicing software:	3DGence SLICER 4.0
	Cloud based services:	3DGence CONNECT
SAFETY	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
WHAT IS INCLUDED?	3DGence INDUSTRY F350 3D printer Set of accessories (Wi-Fi module incl.) Emergency stop	
WHAT IS THE ADDITIONAL EQUIPMENT?	The M280 dual-extruder printing module (+1 spool ABS, +1 spool ESM-10) The M360 dual-extruder printing module (+1 spool PC, +1 spool ESM-10) The M500 dual-extruder printing module (+1 spool PEEK, +1 spool ESM-10) Signal tower UPS – emergency power supply Advanced filtration unit	

INDUSTRY F350

MODULES

Flexibility and performance

Job-specific printing
modules and developed
printing profiles

M 280

TEMPERATURE:
up to 280°C

NOZZLE DIAMETER:
0,5 mm

MODEL MATERIAL:
ABS, ABS Carbon, AddigyF1030
CF-10, ASA, PA6 Neat, PET, PLA,
PP

SUPPORT MATERIAL:
ESM-10, HIPS



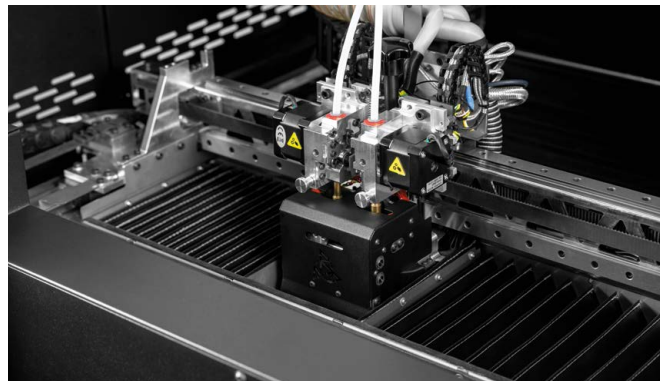
M 360

TEMPERATURE:
up to 360°C

NOZZLE DIAMETER:
0,4 mm

MODEL MATERIAL:
ezPC-CF, LEXAN™ EXL AMHI240F,
PC, PC/ABS FR, PC-ESD

SUPPORT MATERIAL:
ESM-10, ESM-30



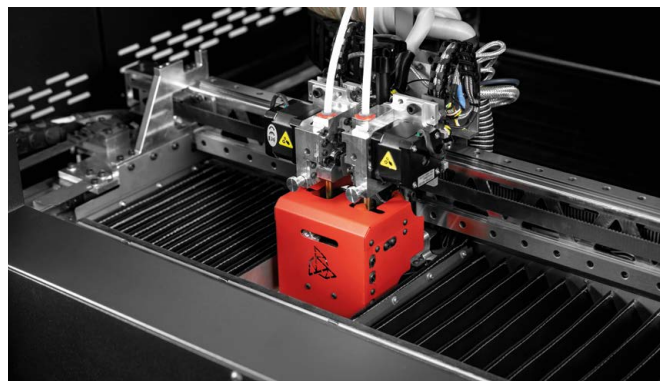
M 500+

TEMPERATURE:
up to 500°C

NOZZLE DIAMETER:
0,4 mm

MODEL MATERIAL:
PEEK, PEEK-CF, Victrex AM™200

SUPPORT MATERIAL:
ESM-10, ESM-30



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