

INDUSTRY F350

SPECIFICATION



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 0.4/0.4mm
Filament diameter:	1.75 mm
Printhead temperature:	500°C
Buildplate temperature:	160°C
Chamber temperature:	140°C (active heating)
Filament chamber temperature:	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:	1825 x 960 x 940 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:	- 230V 1ph 16A, CEE 7/7 plug - 2 x 120V 180° interfacial, NEMA 6I-20P 20A plug (USA)
Max power draw:	3300 W
Communication:	ethernet, Wi-Fi, USB drive

SOFTWARE

Slicing software:	3DGence SLICER 4.0
Cloud based services:	3DGence CLOUD

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

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MODULES

M280

TEMPERATURE:

up to 280°C

NOZZLE DIAMETER:

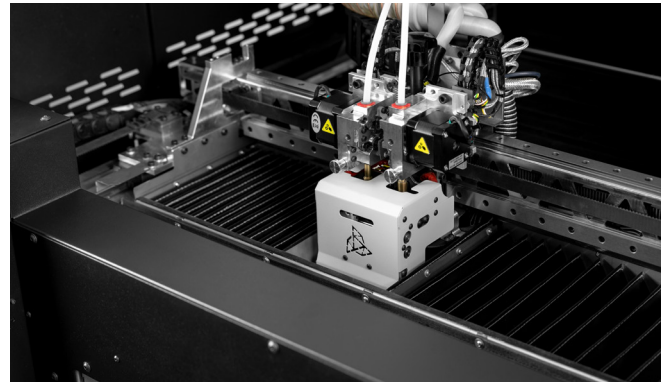
0,5 mm/0,5 mm

MODEL MATERIAL:

PLA, ABS, ASA, PA6, PA-CF

SUPPORT MATERIAL:

ESM-10, HIPS



M360

TEMPERATURE:

up to 360°C

NOZZLE DIAMETER:

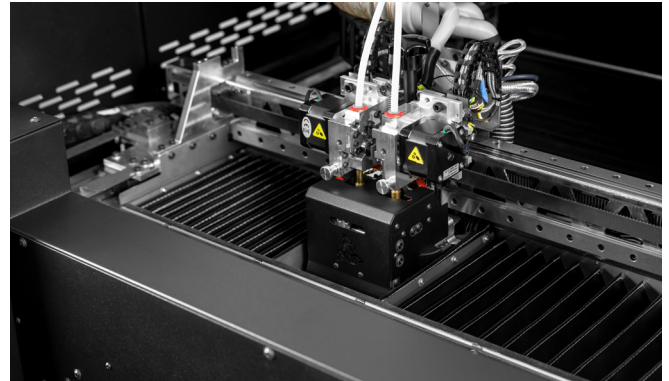
0,4 mm/0,4 mm

MODEL MATERIAL:

PC

SUPPORT MATERIAL:

ESM-10



M500

TEMPERATURE:

up to 500°C

NOZZLE DIAMETER:

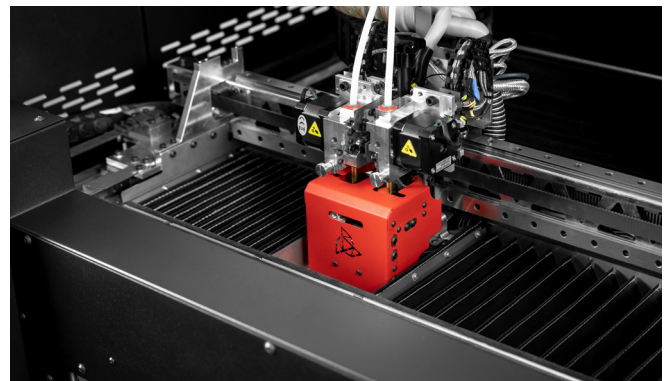
0,4 mm/0,4 mm

MODEL MATERIAL:

PEEK

SUPPORT MATERIAL:

ESM-10



Flexibility and performance

Job-specific printing
modules and developed
printing profiles