INDUSTRY **F350**

High-performance 3D printer
for demanding industrial applications

3 YEAR WARRANTY

HIGH PRINT SPEED
Print up to 400 mm/s and
1000 mm/s in travel move

POWERFUL, FULLY ENCLOSED HEATED CHAMBER
Optimum conditions for 3D printing

LARGE BUILD VOLUME
340 x 340 x 350 mm
(13.39 x 13.39 x 13.78 in)

ENGINEERING MATERIALS
PEEK, PEKK, CF materials, PC,
PA, ABS, multiple support oprtions,
and more

www.3dgence.com

The powerful and full-fledged rapid prototyping system for:

FUNCTIONAL PART PRODUCTION

FAST | SAFE | RELIABLE | COST-EFFECTIVE

Produce accurate parts faster and more cost-effective than ever with leading market performance materials. Easily produce end-parts or spare parts that can replace functional components.

Durable and accurate end-parts production.

Class-leading cost efficiency ensured by high print speed and short turn-time in sequential printing.

Batch printing with a large build volume and Smart Material Manager.

RAPID PROTOTYPING

VERSATILE | ACCURATE | VOLUME | CONNECTED

Accelerate your product development and shorten the cycle to the market by shifting to rapid prototyping. This next generation of mechanics, features, and engineered profiles enables this shift.

Expand your range of applications with high-performance industrial-grade materials.

Produce complex geometries with the use of multiple support material options and large build volume.

Controlled environment in a fully enclosed high-temperature chamber.

Flexibility and performance

F350

Job-specific printing modules and developed printing profiles

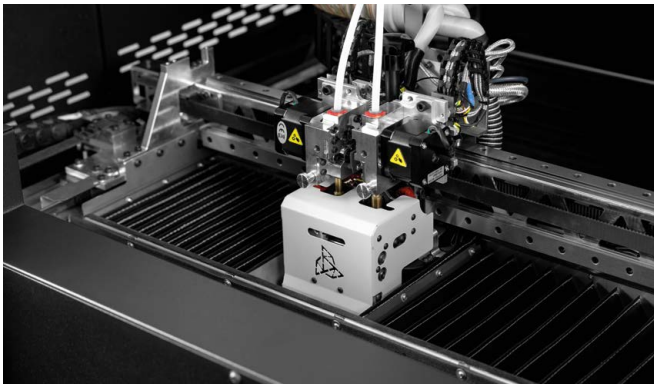
M280

TEMPERATURE:
up to 280°C (536°F)

NOZZLE DIAMETER:
0,5 mm

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

SUPPORT MATERIAL:
ESM-10, HIPS



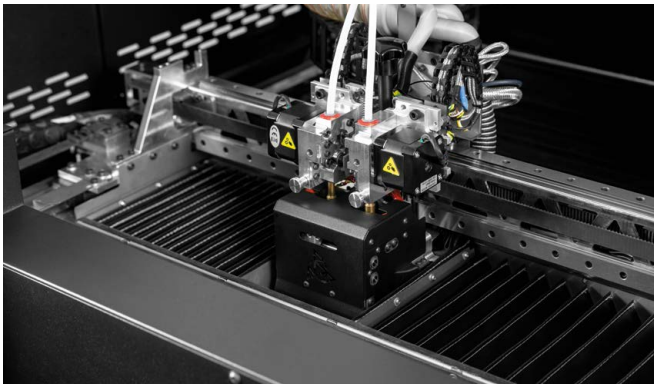
M360

TEMPERATURE:
up to 360°C (680°F)

NOZZLE DIAMETER:
0,4 mm

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

SUPPORT MATERIAL:
ESM-10, ESM-30



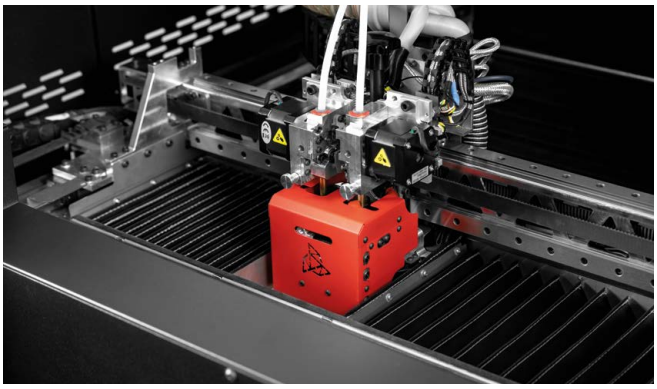
M500+

TEMPERATURE:
up to 500°C (932°F)

NOZZLE DIAMETER:
0,4 mm

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

SUPPORT MATERIAL:
ESM-10, ESM-30



SPECIFICATION

Build volume
340 × 340 × 350 mm (40 460 cm^3)
(13.39 x 13.39 x 13.78 in)

Printing system
Dual extruder equipped with purging station

Filament diameter
1.75 mm

Model materials
ABS, ABS Carbon, AddigyF1030 CF-10, ASA, ezPC-CF, LEXAN™ EXL AMHI240F, PA6 Neat, PC, PC/ABS FR, PEEK, PEEK-CF, PET, PLA, PP, Victrex AM™200

Support materials
Breakaway support material, soluble support material ESM-10 and ESM-30*
*For ESM-10 and ESM-30 removal you need solvent and Support Dissolving System

Material chamber
2 bays (model material, support material)

Nozzle temperature (max.)
500°C (932°F)

Buildplate temperature (max.)
160°C (320°F)

Chamber temperature (max.)
140°C (284°F) (active heating)

Filament chamber temperature (max.)
50°C (122°F)

Software
3DGence SLICER 4.0, 3DGence CLOUD
– find out more about the new functionalities

Additional accessories
Advanced filtration unit,
UPS – emergency power supply, signal tower