



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

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| PRINTING | Print technology: | FFF |
| | Build volume: | 13.39 x 13.39 x 13.78 in 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 (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) |
| | 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 (64.4-86°F) |
| | Storage temperature: | -20-54°C (-4-129.2°F) |
| POWER | Power requirements (EU): | 220-250V 1ph 20A, NEMA L6-20 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



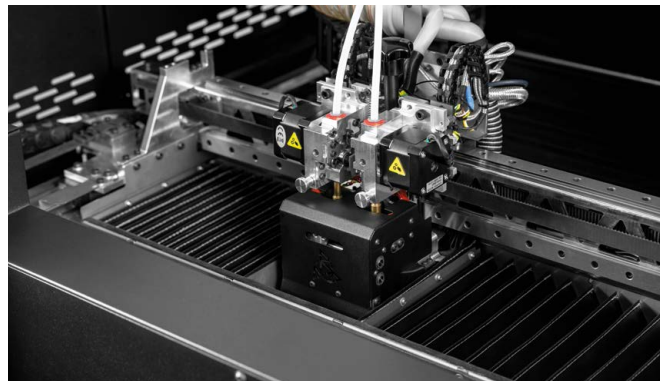
M 360

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



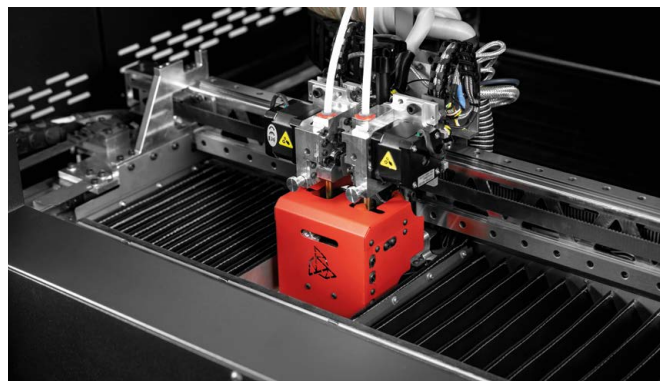
M 500+

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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