

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: | 130°C (active heating) |
| Filament chamber temperature: | 50°C |

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 |
| Positioning resolution XY: | 0.006 mm |
| Positioning resolution Z: | 0.0007 mm |

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

| | |
|-------------|--|
| Filtration: | advanced filtration unit |
| Sensors: | main chamber door, top access hatch, thermal sensors, emergency switch |
| UPS device: | yes, optional |
| Others: | software access overdrive - remote shut down |

INDUSTRY F350

MODULES

M280

TEMPERATURE:

up to 280°C

NOZZLE DIAMETER:

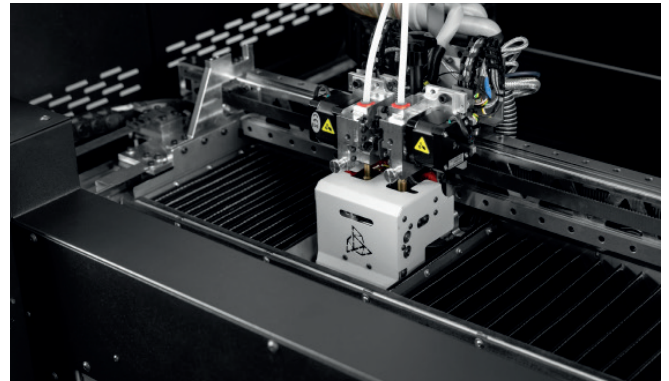
0,5 mm/0,5 mm

MODEL MATERIAL:

PLA, ABS, ASA, PA6, PA-CF

SUPPORT MATERIAL:

ESM-10, HIPS



M360

TEMPERATURE:

up to 360°C

NOZZLE DIAMETER:

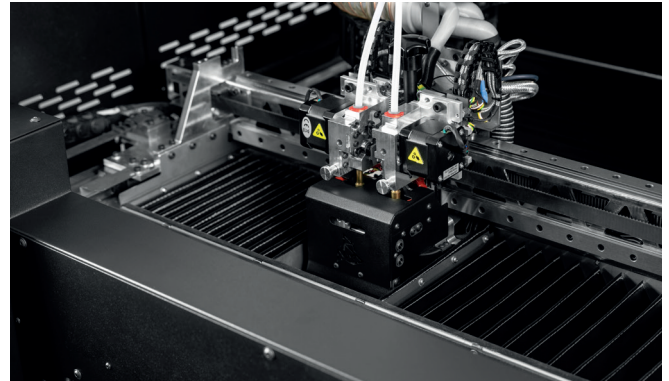
0,4 mm/0,4 mm

MODEL MATERIAL:

PC

SUPPORT MATERIAL:

ESM-10



M500

TEMPERATURE:

up to 500°C

NOZZLE DIAMETER:

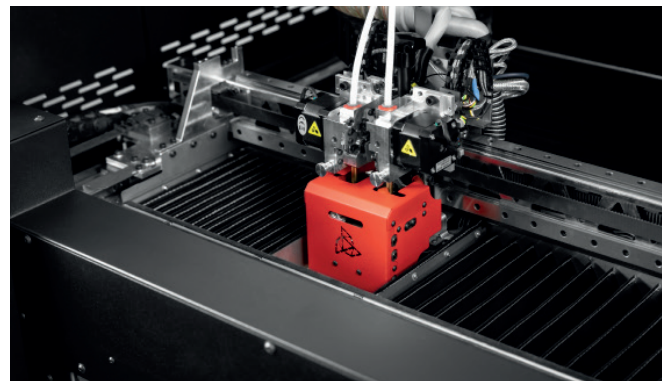
0,4 mm/0,4 mm

MODEL MATERIAL:

PEEK

SUPPORT MATERIAL:

ESM-10



Flexibility and performance

Job-specific printing
modules and developed
printing profiles