

# INDUSTRY F340



**The most versatile  
and reliable 3D printer  
for industrial use**

**ACTIVELY HEATED  
CHAMBER**

up to 85°C

**INTERCHANGEABLE  
MODULES**

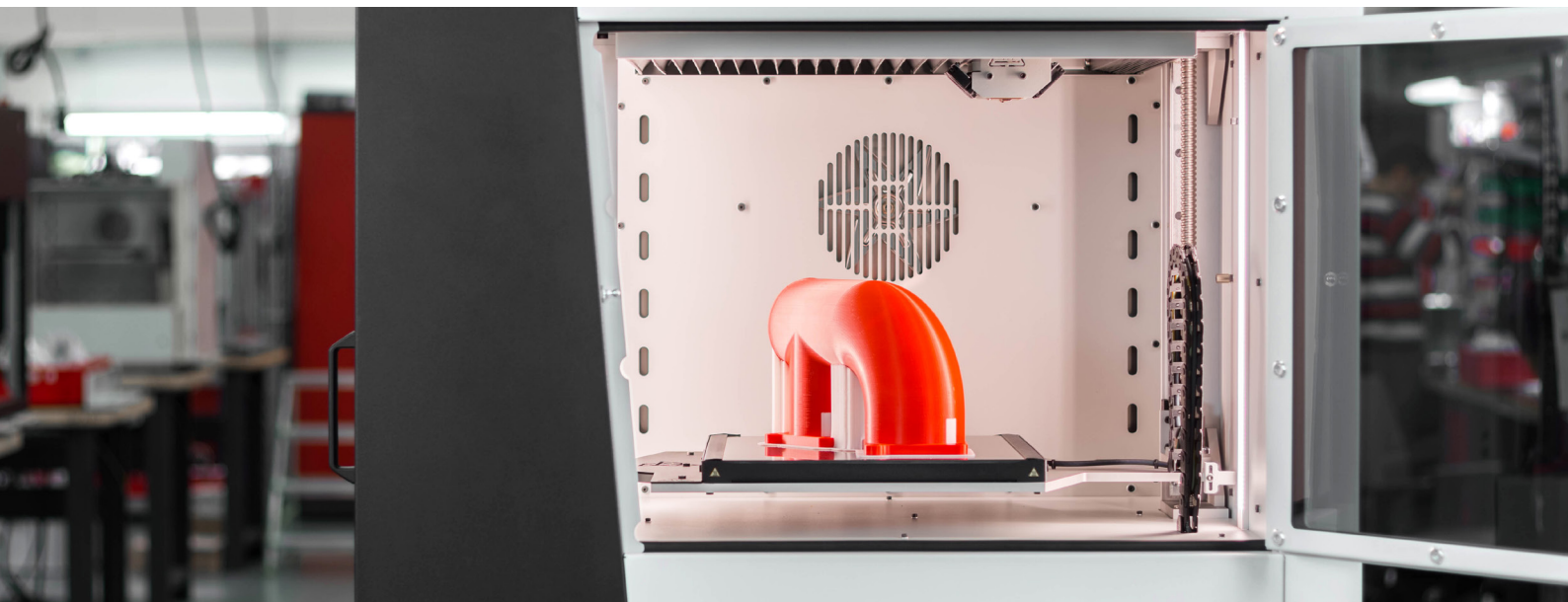
for various applications

**LARGE BUILD VOLUME**

260 × 300 × 340 mm

**WIDE RANGE OF  
PROFESSIONAL MATERIALS**

PEEK, PEKK, PC, reinforced



# F340

## The first industrial 3D printing workhorse for:

### TOOLING

#### SAFE | RELIABLE | COST-EFFECTIVE

Fast preparation of the tools that enable you to run the production line quicker and more effectively. Easy spare parts production, downtimes shorter than ever before.

Complex tools for production lines assembling

Rapid tooling with lower manufacturing costs

Stable and undisturbed work for higher performance of your production, confirmed by TÜV approval



### PROTOTYPING

#### VERSATILE | ACCURATE | CONTROLLED

Create functional prototypes for your end parts validation. Avoid costly faults benefiting from fast and cost-effective prototyping using INDUSTRY F340.

Prototyping with various materials for validation of desired properties

High dimensional and geometrical accuracy with the use of soluble support materials.

High quality and durable parts with controlled printing temperatures and environment



# Versatility and best printing results

# F340

with job-specific printing modules  
and developed printing profiles

## PRO

**TEMPERATURE:**

up to 265°C

**NOZZLE DIAMETER:**

0,4 mm/0,4 mm

**MODEL MATERIAL:**

ABS, PLA, PA, ASA, PP, TPU

**SUPPORT MATERIAL:**

ESM-10\* (soluble), breakaway,  
BVOH (water-soluble)



## HF

**TEMPERATURE:**

up to 265°C

**NOZZLE DIAMETER:**

0,6 mm/0,6 mm

**MODEL MATERIAL:**

ABS, ASA, PA-CF, PA-GF, PA, PP

**SUPPORT MATERIAL:**

ESM-10\* (soluble), breakaway



## HT

**TEMPERATURE:**

up to 340°C

**NOZZLE DIAMETER:**

0,4 mm/0,4 mm

**MODEL MATERIAL:**

PC, PC-ABS, PC-ESD, PC-CF

**SUPPORT MATERIAL:**

ESM-10\* (soluble), breakaway



## HT max

**TEMPERATURE:**

up to 500°C

**NOZZLE DIAMETER:**

0,4 mm/0,4 mm

**MODEL MATERIAL:**

PEEK, PEKK

**SUPPORT MATERIAL:**

ESM-10\* (soluble)



# F340

## SPECIFICATION

### Build volume

260 × 300 × 340 mm (26 520 cm<sup>3</sup>)

### Printing system

Dual extruder

### Filament diameter

1.75 mm

### Model materials

ABS, PLA, PA, ASA, PP, TPU, PA-CF, PA-GF, PC, PC-ABS, PC-ESD, PC-CF, PEEK, PEKK

### Support materials

Water-soluble support material BVOH, breakaway, soluble support material ESM-10

– for removing the ESM-10 you need VXL

Solve solvent and Support dissolving system.

### Material chamber

2 bays for model and support material

### Nozzle temperature (max.)

500°C

### Buildplate temperature (max.)

160°C

### Chamber temperature (max.)

85°C (active heating)

### Filament chamber temperature (max.)

70°C

### Software

3DGence SLICER 4.0

### Additional accessories

UPS – emergency power supply, stand Basic, stand Power

