

 **VSHAPER**  
**3AX** **270 PRO**

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Models printed with VSHAPER 270 PRO industrial printer, are giving a real alternative to elements made of metal, and are of particular interest in the automotive, aerospace and many industries including automotive, aerospace, military and more.

# VSHAPER 3AX 270 PRO

High-performance extruder with single nozzle printhead



Replaceable print heads



420°C (788°F) printing temperature



Heated vacuum bed (max 150°C, 302°F)



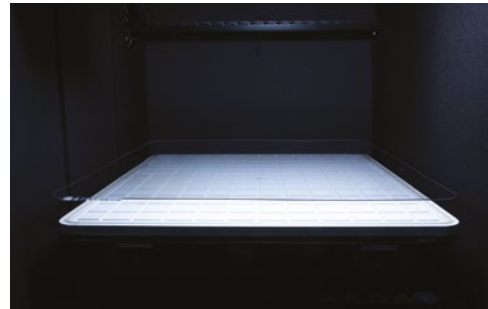
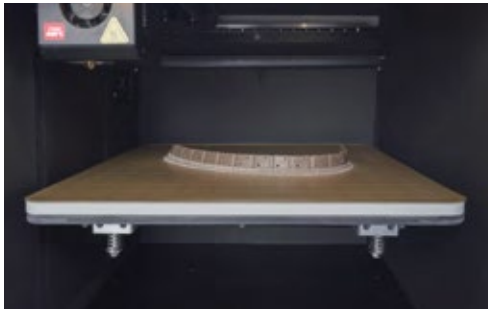
Isolated, actively heated chamber and heated vacuum bed



Workspace  
250x250x175 mm  
9.8x9.8x6.8 in



Recommended materials: PA+CF, ABS, PA



# TECHNICAL PARAMETERS



## Printing Parameters

Printing technology Fused Filament Fabrication  
 Workspace 250x250x175 mm

### Extruder

#### VPREC-PRO

Number of nozzles 1  
 Maximum print temperature 420°C  
 Nozzle diameter Standard: 0.4mm (optional: 0.25, 0.6, 0.8)  
 Filament diameter 1,75mm  
 Recommended VSHAPER materials PEEK

### Extruder

#### VPREC-SINGLE

Number of nozzles 1  
 Maximum print temperature 300°C  
 Nozzle diameter Standard: 0.4mm (optional: 0.25, 0.6, 0.8)  
 Filament diameter 1,75mm  
 Recommended VSHAPER materials ABS, ASA, PC-ABS, PA12, PA-CF, PA-GF, PC, PMMA, TPU

## Chamber

Construction Closed (isolated, with constant temp. inside)  
 Heating Yes  
 Maximum temperature inside 70°C

## Working bed

Type Vacuum heated bed  
 Surface Changable trace  
**S3-HT** for **VPREC-PRO** extruder (300 - 450°C)  
**S3-LT** for **VPREC-SINGLE** extruder (up to 300°C)  
 Heating Yes  
 Maximum temperature 150°C  
 Auto-leveling Yes (tensometric contact measurement)

## Mechanical parameters

Construction Powder painted aluminium + anodized aluminium  
 Housing Powder painted steel  
 Engines Stepper motors  
 Transmission Linear guides + ballscrew + belts

## Electrical parameters

Power supply 240V ~ 2,5A, 50 - 60Hz

## Control

Touch panel Yes  
 Display Monochrome - OLED (256x64px)  
 Interfaces USB, SD Card

## Software

Control software **SOFTSHAPER**  
 Recommended operating system Windows 10 - 64-bit

## Dimensions and weight

External dimensions 592x462x518 mm (based on V-BOX - H: 1289mm)  
 Weight ~45kg

The above parameters may be altered without notice.



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