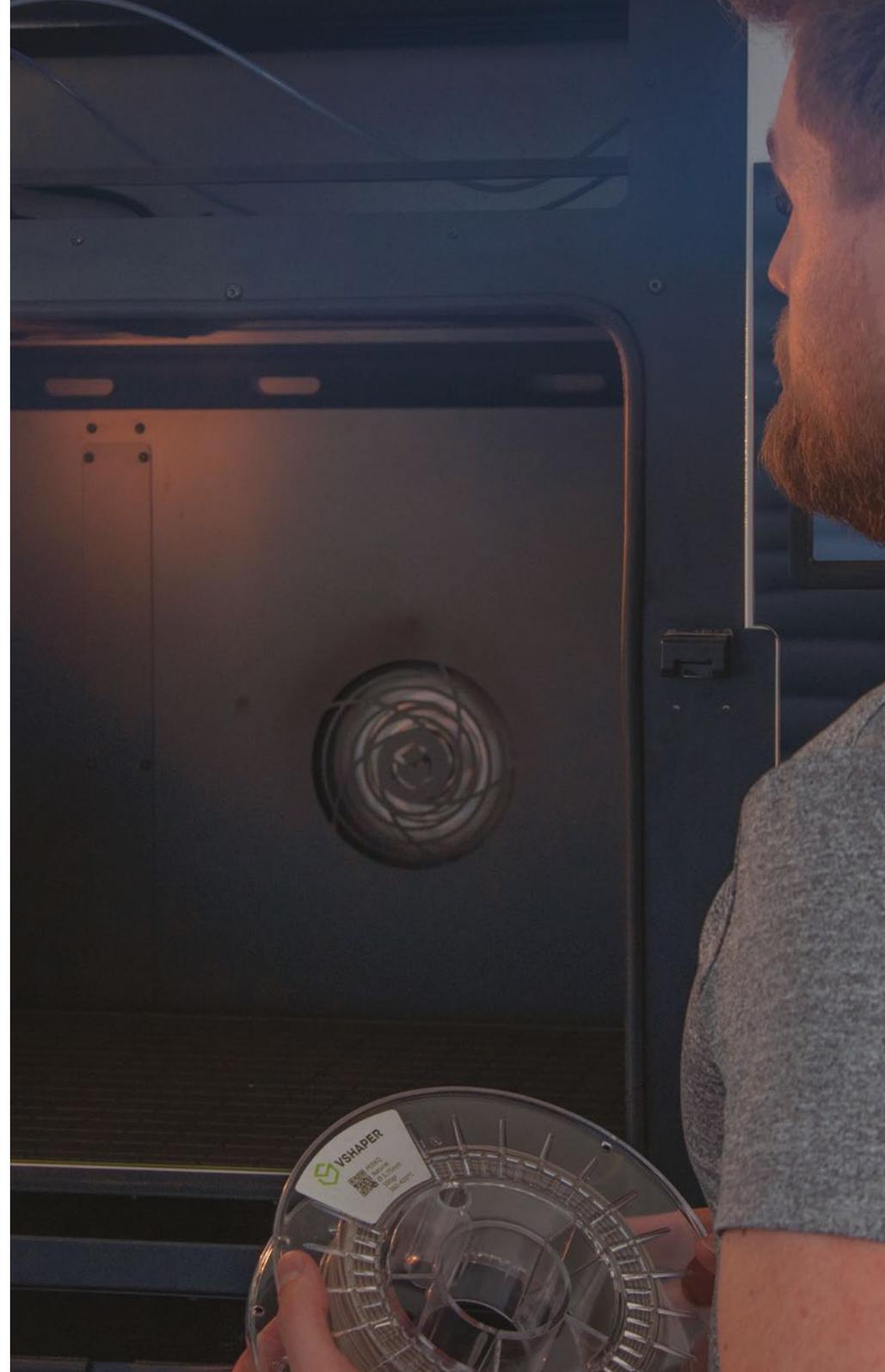


 **VSHAPER**
3AX **500 PRO**

vshaper.com



3D printer for manufacturers, characterized by a large working area, enabling the efficient creation of large-size elements. Thanks to the actively heated, closed chamber and heated bed, the printer ensures perfect adhesion of the first layer of the model and high quality of the whole printout.

Two nozzle printhead,
high-performance extruder 

Printhead
fast moving speed 

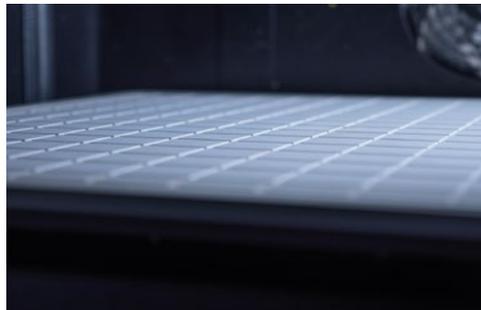
420°C (788°F)
printing temperature 

Isolated, actively heated
chamber and heated vacuum bed 

Workspace
420x420x420 mm
16.53x16.53x16.53 in 

Heated vacuum bed
(max 150°C, 302°F) 

Recommended materials: PA+CF, ABS, PA



VSHAPER 3AX 500 PRO



TECHNICAL PARAMETERS



Printing Parameters

Printing technology Fused Filament Fabrication
Workspace 420x420x420mm

Extruder

Number of nozzles 2
Maximum print temperature 450°C
Nozzle diameter Standard: 0.4mm (optional: 0.6, 0.8)
Filament diameter 1,75mm
Recommended VSHAPER material PEEK, ABS, ASA, PC-ABS, PA12, PA-CF, PA-GF, PC, PMMA, TPU
Nozzle auto-cleaning system Yes

Chamber

Construction Closed (isolated, with constant temp. inside)
Heating Yes
Maximum temperature inside 80°C
Filtration Yes (carbon filter)

Working bed

Type Vacuum heated bed
Surface **Changable trays:**
S5-HT - for polymers with an operating temperature **300-450°C**
S5-LT - for polymers with an operating temperature 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 Hybrid servi drives
Transmission Linear guides + ball screw + belts

Electrical parameters

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

Control

Touch panel Yes
Display Color (7inch)
Interfaces USB, Ethernet

Software

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

Dimensions and weight

External dimensions 105x80x190cm
Weight ~250kg

The above parameters may be altered without notice.



www.vshaper.com