



**PROFFESIONAL 3D PRINTING**  
AT YOUR FINGERTIPS



## **UBOT S320**

Big factory in a small printer!

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# UBOT S320



**PRINT AREA 320X 300 X 300MM**

A NEW VERSION OF OUR TOP SELLING  
PRINTER - **UBOT S320**,  
IS THE BEST SMALL PRINTER WITH THE  
GREATEST POTENTIAL AND  
BEST QUALITY TO PRICE RATIO.

## **BIGGER WORKING AREA = MORE POSSIBILITIES**

The working volume (x, y, z) with dimensions of 320 mm x 300 mm x 300 mm is over 80% more than the previous version. Thanks to this, you can print larger models with the same dimensional tolerance!

## **SOLUTIONS FROM INDUSTRIAL3D PRINTERS**

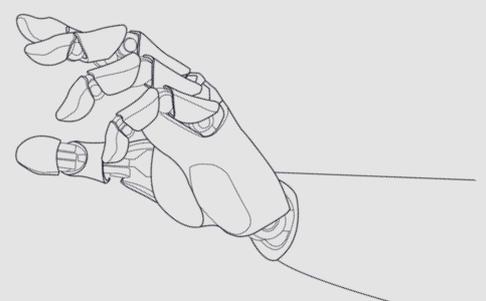
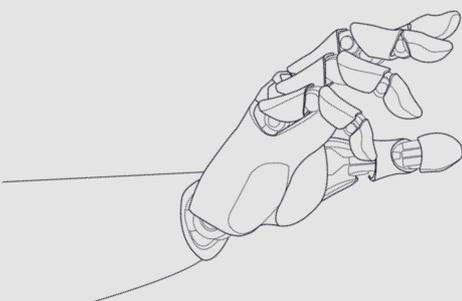
The S320 is equipped with a proprietary dimensional compensation system known from the industrial 3D printers P440 and P800D. Printer software will automatically balance the material shrinkage based on the value of the test print.

## **MAGNETIC PAD COVERED WITH A PEI LAYER**

Removing printings is pure pleasure. Thanks to the removable magnetic adhesive pad, you can tear the printouts from the table quickly and without any tools. In addition, the pad is covered with a PEI layer, which is a great material ensuring adhesion with plastics such as ABS, PLA, PET, nylon, polycarbonate and many others!

## **MORE POSSIBILITIES = WIDER APPLICATION**

THANKS TO THE INTUITIVE CONTROL PANEL AND EASE OF USE, THE  
S320 PRINTER IS A 100% FUNCTIONAL TOOL IN EVERY WORKSHOP  
THAT WILL CERTAINLY IMPROVE YOUR WORK!



# MORE POSSIBILITIES = WIDER APPLICATION

## RAPID PROTOTYPING

The S320 printer could be used in rapid prototyping and in the creation of functional prototypes for testing. On S320 printer, the design and R&D departments can verify the correctness of the CAD design, and engineers can perform appropriate tests and check the fit of individual elements.

## SPARE PARTS

On our S320 printer, many manufacturing companies can use 3D printing to make tools, handles or assembly devices. Apart from a complicated supply chain, parts can be made faster, cheaper and directly in an industrial plant. Parts from the S320 printer can be used as holders or linear guides in CNC machines or custom robot arm grippers.

## SHORT SERIES

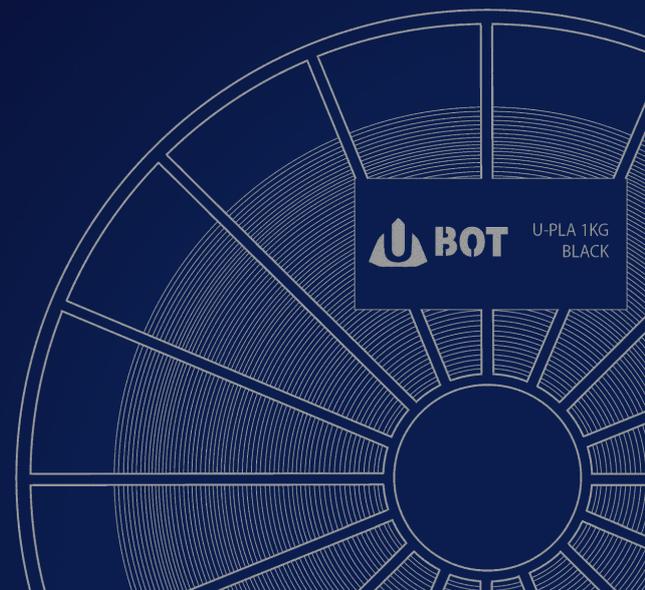
S320 is multi-material. You can print from materials such as ASA ABS, PC-ABS, NanoCarbon, B-FLEX or materials with an admixture of composites. For this reason, our printer is suitable for small batches production and the production of final elements that are installed, for example, in vehicles and on production lines.

## PRODUCTION MAINTANANCE

Big factory in a small printer is not only our slogan. This is the reality and the future of maintenance departments. No more downtimes. When a part of the device breaks down or wears out, instead waiting days or weeks for a new one to be delivered, you can replace it with a printed component. The materials that can be used in the S320, such as nylon or PC ABS, are so durable that the parts printed on it will be fully functional, and it takes little more than placing an order for the missing part!

## 3D PRINTING FOR EDUCATION

Familiarizing children and young people with all possible technologies should start as early as possible. With S320 printer, the generation of our future engineers and designers can start their professional careers already having the most important information about 3D printing technology. The invaluable value is the fact that every school and university equipped with a 3D printer can make the necessary teaching aids on its own and implement all projects developed during the classes or carry them out as part of the conducted research.



# SPECIFICATION

**Printing technology:** FFF (Fused Filament Fabrication)

**Print area (x,y,z):** 320 x 300 x 300 mm

**Layer resolution:** 20-500 microns

**Extruder:** 1lub 2 printing heads\*

**Nozzle diameter:** 0.2/1.2 mm, also special strengthened nozzles

**Minimal wall thickness:** 0.8 microns

**Filament flow control:** YES

**Certified materials:** PLA, ABS, HIPS, PET, Nylon, PP, ASA,PC, NanoCarbon, TPU, B-FLEX, PC-ABS, ESD, others

**Support materials:** HIPS, BVOH, PVA\*\*

**Ekstruder:** direct drive

**Chamber filter:** YES; 4 layer, PP, HEPA, cold catalysis, active carbon

**Printing temperature (extruder):** up to 320°C

**Platfrom temperature:** up to 120°C

**Positioning precision XY:** 3.125 microns

**Positioning precision Z:** 0.8 microns

**Wroking platform:** aluminum magnetic platform with adhesive pad, additionally illuminated

**Auto calibration:** YES

**Connections:** USB, WIFI, built-in memory

**Remote printing:** YES ; smartphone , PC

**Additional features:** System U-ME, preview from HD camera

**Filament diameter:** 1.75 mm

\* depending on the version

\*\* only in the dual version



**Printer dimensions:** 680 x 530 x 710mm

**Printer weight:** 40 kg

**Power:** 240V AC ~ 2A 50/60 Hz

**Software:** Simplify3D with preset settings

**Supported files:** .stl, .obj

**Supported systems:** Windows, macOS

**Safety certifications:** CE

**Warranty:** 2 years



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