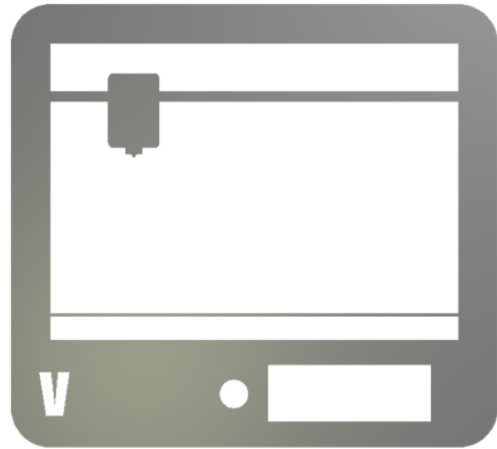


PRINTERS





FLSUN QQ5 WIFI

Print area. – 200mm * 200mm * 200mm

Layer thickness – 0.05-0.3mm

Printing speed – 30-300 mm / s

bed. – up to 100 

Nozzle temperature – up to 260 

Accuracy along the XYZ axes – 0.011 mm

Printer dimensions – 300 * 350 * 480 mm

Power – 200 W

Weight – 6.5 kg

The printer comes well packed in a 600 * 360 * 160mm box. Package weight 8 kg.

The complete set of the printer is usual - a set of tools for assembly, nippers, SD card with software, SD reader, instructions, some plastic for checking the printer.

Assembling the printer, as promised, is very simple, it takes 20-30 minutes for an unprepared user. After assembly and automatic alignment (according to the instructions), it immediately starts printing test models. Well, now in more detail:

Mechanics.

The frame of the printer is assembled from a steel base (1.5 mm) with curved stiffeners, an upper box stamped from the same steel and stands from an aluminum profile 2020.

The uprights are connected to the base and top with steel brackets and screwed with M4 screws. As a result, the frame is not rigid enough, although given the fact that the print head weighs only 150 grams, this may not be so scary.

Carriages with 3 rollers moving along the grooves of the aluminum profile. One roller has an eccentric to compensate for the gap between the rollers and the profile.

The anodized profile is even, there are no problems with the movement of the carriage. The design of the belt fastening is interesting - it is located inside the grooves of the profile. On the one hand, it looks aesthetically pleasing, but on the other hand, it is difficult to check the belt tension. Unlike many Chinese printers, there is a primitive belt tensioning system - a frame with grooves for two screws. The rods are made of carbon fiber with fisheye bearings. Half of the bearings, as expected, with noticeable clearances. The length of the rods of 215 mm is maintained with good accuracy (+ -0.2 mm). The effector is a 3 mm thick aluminum plate. A radiator similar to the E3D V6 is mounted on it, but it is not fastened with a standard fastener, but with two screws from the bottom screwed into the ribs. In addition, the thermal barrier is not screwed into the thread (as in the E3D V6), but is inserted into the hole and tightened with two screws. Thermal barrier with a 4 mm through hole, into which, up to the nozzle, a Teflon tube is inserted from the extruder. Radiator cooling fan 4010 (the noisiest part of the printer).

Cooling turbine model 4010, one-sided, not very efficient. The extruder is an analogue of Titan, made quite soundly.

The heated working table is made on the basis of a 1.5 mm thick aluminum plate on which the ULTRABASE glass is glued. It is rigidly fixed to the steel base, with three screws through the bushings. Table power 110-115 W. It heats up to a temperature of 60 °C in 2-3 minutes, to 100 °C in about 10 minutes. The printer is calibrated using a removable magnetically mounted contact probe.

Electronics.

All electronics are located at the top. Power supply unit 200 W 24V 8.3 A. Dimensions 160 * 90 * 30 mm. The measured power of the printer at maximum load (heating the bed, heating the nozzle, and movement) does not exceed 190 watts, while the voltage of 24 volts practically does not drop. Under normal printer operation (PLA printing) Power consumption 100-120W. We can assume that the power supply is quite sufficient, although without a power reserve.

32-bit control board - MKS Robin Nano, based on STM32 processor. Along with this board comes a touch screen, in this case it has a size of 2.4 inches. Not very big, but quite comfortable. All this is cooled by the 4020 fan, which runs very quietly.

Weight	8 kg
Dimensions	60 × 36 × 16 cm

[Read More](#)

SKU: N/A

Price: €275,00

Stock: 1 in stock

Category: [Printers](#)



Tag: [FDM PRINTER](#)



PICASO DESIGNER XL PRO

Designer XL PRO is an enhanced version of the Designer XL printer. Designer XL PRO prints at a minimum layer thickness of 10 microns (0.01 mm) and has two nozzles to accommodate support material. With a new directional plastic feed system in the print head and a large operating temperature range, Designer XL PRO allows you to use a wide range of materials .

Build Volume

360*360*610 mm

(14*14*24 inch)

Extruder maximum printing temperature

410 °C (770 F)

Heated bed maximum temperature

150 °C (302 F)

Nozzle switching technology

Jet Switch™ (2 nozzles at 1 extruder)

Filament Flow Control

End-of-Filament Sensor

First Layer Control

Built-in Profile System

Network Printing

PRINTING MATERIALS

Formax (ABS+CF), Ultrax

(PA+CF), PEEK, PA, PC, TPU,

TPE, PP, ASA, SBS, PETG, ABS,

PLA, PVA, HIPS and others

[Technical Specifications \(click to download\)](#)

[Conformity Certificate](#)

Before placing an order please take contact with our team at vobalab@vobalab.eu to clarify

features!

Weight	87 kg
Dimensions	680 × 1180 × 760 cm

[Read More](#)

SKU: 8477809900PXLpro

Price: €6.999,00

Stock: Available on backorder

Category: [Printers](#)



Tags: [FDM PRINTER](#), [Picaso Designer XLpro](#)



PICASO DESIGNER XL

Picaso Designer XL is a printer with a large print volume. Possessing the options well known from past devices - printing control systems, a closed chamber volume and the ability to print with refractory materials, the printer has acquired several unique features that were not previously presented. For example, this is a table "auto-level" system, an improved nozzle blowing system, support for network mode out of the box and the ability to install 5 kg material spools, for long-term printing.

Build Volume

360*360*610 mm
(14*14*24 inch)

Extruder maximum printing temperature

410 °C (770 F)

Heated bed maximum temperature

150 °C (302 F)

Filament Flow Control

End-of-Filament Sensor

First Layer Control

Build-in Profile System

Network Printing

PRINTING MATERIALS

Formax (ABS+CF), Ultrax
(PA+CF), PEEK, PA, PC, TPU,
TPE, PP, ASA, SBS, PETG, ABS,
PLA, PVA, HIPS and others

[Technical Specifications \(click to download\)](#)

[Conformity Certificate](#)

Before placing an order please take contact with our team at vobalab@vobalab.eu to clarify features!

Weight	87 kg
Dimensions	680 × 1180 × 760 cm

[Read More](#)

SKU: 8477809900PXL

Price: €4.999,00

Stock: Available on backorder

Category: [Printers](#)



Tags: [FDM PRINTER](#), [Picaso Designer XL](#)



PICASO DESIGNER X PRO

The new industry standard on your desk

Designer X PRO is a printer with a new core, a new idea and many advanced solutions, created by PICASO 3D engineers for complex tasks.

You no longer have to choose between speed and quality. Save time and be sure of the result.

2 years warranty! We give a full guarantee for products

Build Volume

200 x 200 x 210 mm

(7.9 x 7.9 x 8.3 inch)

Extruder maximum printing temperature

410 °C (770 F)

Heated bed maximum temperature

150 °C (302 F)

Nozzle switching technology

Jet Switch™

(2 nozzles at 1 extruder)

PRINTING MATERIALS

Formax (ABS+CF), Ultrax

(PA+CF), PEEK, PA, PC, TPU,

TPE, PP, ASA, SBS, PETG, ABS,

PLA, PVA, HIPS and others

[Technical Specifications \(click to download\)](#)

[Conformity Certificate](#)

Before placing an order please take contact with our team at vobalab@vobalab.eu to clarify

features!

Weight 21 kg

Dimensions 540 × 690 × 500 cm

[Read More](#)

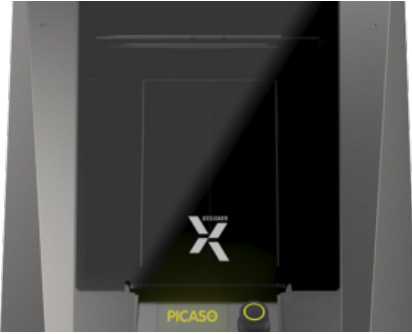
SKU: 8477809900PXpro

Price: €3.899,00

Stock: Available on backorder

Category: [Printers](#)





PICASO DESIGNER X

Designer X is a high-performance, professional-grade 3D printer, a tool for implementing any ideas.

A new directional plastic feed system in the print head and a wide operating temperature range of mechanical assemblies allow Designer X to work with a wide range of materials.

Print with any filament, including engineering high melting thermoplastics.

Another distinctive feature of the X platform is the Profile System. You no longer need to prepare a job for each plastic: the material is selected when you start printing on the printer.

Do you want to change temperature, cooling or other parameters regarding filament? No problem - you can do it both through Polygon X and on the 3D printer itself.

It's easy to print with any materials!

Build Volume

200 x 200 x 210 mm

(7.9 x 7.9 x 8.3 inch)

Extruder maximum printing temperature

410 °C (770 F)

Heated bed maximum temperature

150 °C (302 F)

PRINTING MATERIALS

Formax (ABS+CF), Ultrax

(PA+CF), PEEK, PA, PC, TPU,

TPE, PP, ASA, SBS, PETG, ABS,

PLA, PVA, HIPS and others

[Technical Specifications \(click to download\)](#)

[Conformity Certificate](#)

Before placing an order please take contact with our team at vobalab@vobalab.eu to clarify

features!

Weight 20 kg

Dimensions 540 × 690 × 500 cm

[Read More](#)

SKU: 8477809900PX

Price: €1.999,00

Stock: Available on backorder

Category: [Printers](#)



ARTILLERY SIDEWINDER X1 EDITION

Brand Name: ARTILLERY

Direct extrude

Model Number: SW-X1CE

Print Speed: 60mm/s-150mm/s

Build volume: 300 x 300 x 400 mm | 11.8 x 11.8 x 15.75

inLayer resolution: 0.1mm-0.35mm

Travel speed: 250mm/s

Print surface: Glass-ceramicHeat

bed type: AC heat

bedNumber of extruders: 1

Filament diameter: 1.75mm

Supported materials: PLA, ABS, Flexible PLA, Wood, PVA, HIPS

Special features: N/XYZ resolution: 0.05mm, 0.05mm, 0.1mm

Nozzle temperature: 180C-240CNozzle

heat up time: < 3 minutes

Build plate heat up time: 80C in less than 2 minutes

If you were looking for Sidewinder X1with upgrades, you've come to the right place. We need 2-4 weeks to prepare your printer.

List of upgrades is below, in our show room you can test it!

- 2.1 TFT35 V3.0 Touchscreen Upgrade
 - 2.2 SKR V1.3 or SKR V1.4 Board Upgrade
 - 2.3 Polycarbonate V-Slot Wheels
 - 2.6 Better Quality Nozzles
 - 2.7 Bi-Metal Heat Break
 - 2.8 BLTouch for Auto Bed Leveling
 - 2.10 Aluminum Extruder Idler Lever
 - 3.2 Bed Cable Strain Relief
 - 3.4 Spool Holder Extension
 - 3.8 Sidewinder X1 Ribbon Cable Connection Fix
- Await your kind bookings!

Weight	N/A
Dimensions	N/A
Set	Pro set, Standard set, Wax set

[Read More](#)

SKU: N/A

Price: €1.010,00

Stock: N/A

Category: [Printers](#)



