

DESIGNER

Find the right  for your
business equation



PICASO 

 **can be Everything**
Full-fledged solution for your
business requirements



Business solution for rapid, high-quality and stable printing of large products on large models.

Technical Specifications

PRINTING

Printing technology
Fused Filament Fabrication (FFF)

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)

Print speed
up to 100 cm³/h

Minimum Layer Thickness
10 microns (0.01 mm)

Layer Resolution
0.01 – 0.8 mm (depending on the nozzle diameter)

Positioning Resolution
11 x 11 x 1.25 microns

Filament diameter
1.75 ± 0.1 mm

Nozzles diameter
0.2-0.8 mm (0.5 in startkit)

MECHANICS

Casing
Aluminium composite

Frame
Steel, 3 mm

Heated bed construction
Aluminium, glass

Guides
XY rail (steel)
Z cylindrical (steel)

ELECTRICITY

Networking
220 ± 15%, 50 Hz
(option 110 ± 15%, 60 Hz)

Maximum Power Consumption
1.3 kW

Operating Power
~300 W (PLA printing)

Interfaces
Ethernet, USB 2.0 (Flashdrive in starter kit)

PRINTING MATERIALS

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

PHYSICAL CHARACTERISTICS WITHOUT BOX

Printer dimensions
985*645*565 mm

Weight
75 kg

SOFTWARE

Software
Polygon X

File Types
*.stl, *.plgx

FEATURES

Primary systems
Filament Flow Control
End-of-Filament Sensor
First Layer Control
Build-in Profile System
Network Printing

Additional features
Filament drying mode
Printer status notification system
Auto-control workability of all systems
Surface print control system

Table Leveling
Auto-leveling