

DELTA

WASP 2040



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PRO LINE



DELTA WASP 2040 PRO

Create quickly prints with the strongest technical materials with professional 3D printer Delta WASP 2040 PRO. The high-quality mechanics and the Spitfire extrusion system makes it an useful tool for the digital fabrication.

PRODUCT DESCRIPTION

Delta WASP 2040 PRO is manufactured in aluminum and PMMA, with undeformable steel-cored belts.

The machine contains all the quality and innovation of WASP, with Spitfire extruder configurable for the the longest prints of technical materials.

The machine is provided with a system of autocalibration and a rectified printing bed that grants the best performances in time.

The printing driver is suspended for making the print faster and minimizing the weight on the moving parts. The machine contains all WASP systems for the recovering of the prints as Resurrection system, Free Zeta system and the end-filament sensor.

TECHNICAL DETAILS

TECHNICAL FEATURES

Build volume: Ø200 x h 400 mm
Minimum layer height: 50 micron
Print speed max(*): 500 mm/s
Travel speed max(*): 800 mm/s
Acceleration(*): 15.000 mm/s²
Bed temperature max: 110 C°
Nozzle diameter standard: Spitfire Rosso
with LT cartridge, nozzle 0,4 mm

* All data relative to speed make reference
to a Delta WASP 2040 PRO with
Spitfire extruder 0.4

MATERIALS

Suitable filaments:

Ø1.75
PLA
PETG
PA carbon
ABS

SUITABLE TOOLS

SPITFIRE EXTRUDER: extruder for fast
and high-quality prints. Nozzle diameter: 0.4 mm, 0.7 mm,
1.2 mm (filament diameter 1.75 mm)
LDM WASP Extruder: extruder for ceramic materials.
Nozzle diameter: 1.5mm

SOFTWARE

Operative system: Windows, Mac, Linux
Slicing software: compatible with all slicing softwares
(Cura – SLic3r – Simplify3D®)
File type: .stl, .obj, .gcode

INTERFACE

Scheda SD
Schermo LCD

PHYSICAL DIMENSION

Dimensions: 49 cm x 44 cm x 87 cm
Machine weight: 25 kg
Dimensions and weight for the cardboard:
packaging: 50 cm x 58 cm x 101 cm, weight 30kg

POWER SUPPLY

Input: 220/240 V 50/60 Hz

Absorbed power

_ Estrusore Spitfire: 60W max

_ Hot bed: max 500W

TEMPERATURE

Use: 20-30° C

Warehouse: 0-30° C

MECHANICS

Frame and cover: aluminum, PMMA,
polycarbonate.

Bed: Rectified aluminum

Movements: nylon wheels on anodized aluminum
sliders

Steel cored belts in delrin resistant to high temperature

Motors: Stepper

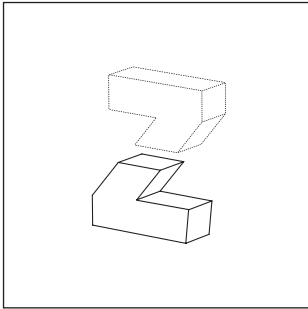
RESURRECTION SYSTEM

The system recovers automatically interrupted prints
in case of accidental shutdown or blackouts.

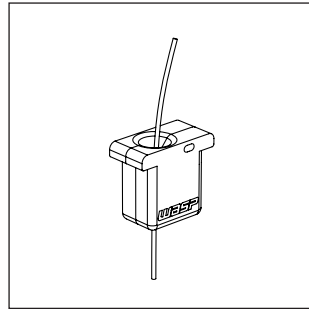
FREE ZETA SYSTEM

It's possible to measure the height of interruption of
the print and restart from there

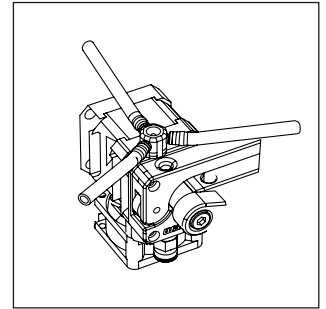
PRO LINE FEATURES



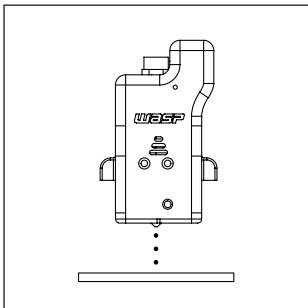
FREE ZETA SYSTEM



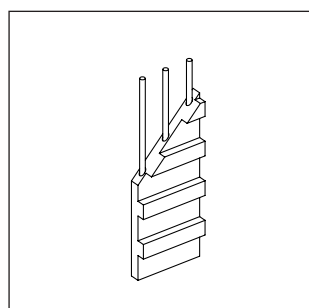
END-MATERIAL SENSOR



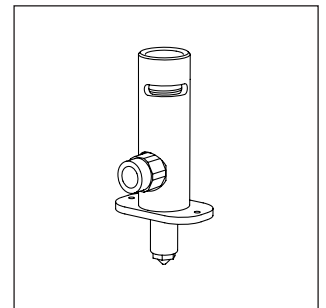
EXCLUSIVE SUSPENDED BOWDEN CC



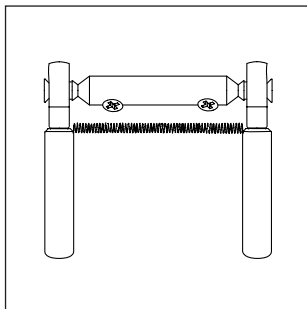
SELF-CALIBRATION SYSTEM



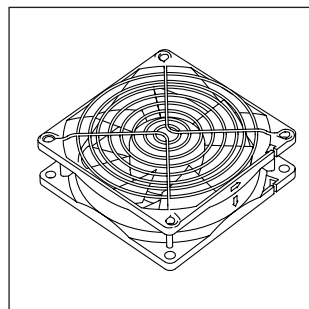
STEEL CORED BELTS FOR HIGH TEMPERATURE



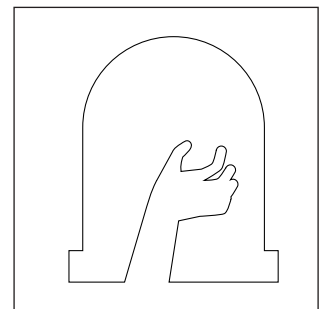
LDM CLAY EXTRUDER COMPATIBLE



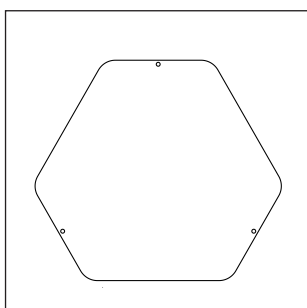
PRECISE HEAT RESISTANT MECHANICS



SUPERIOR MOTOR COOLING



RESURRECTION SYSTEM



RECTIFIED FIBRAL ALUMINIUM PLATE



WORLD'S ADVANCED SAVING PROJECT



Contacte-nos:

