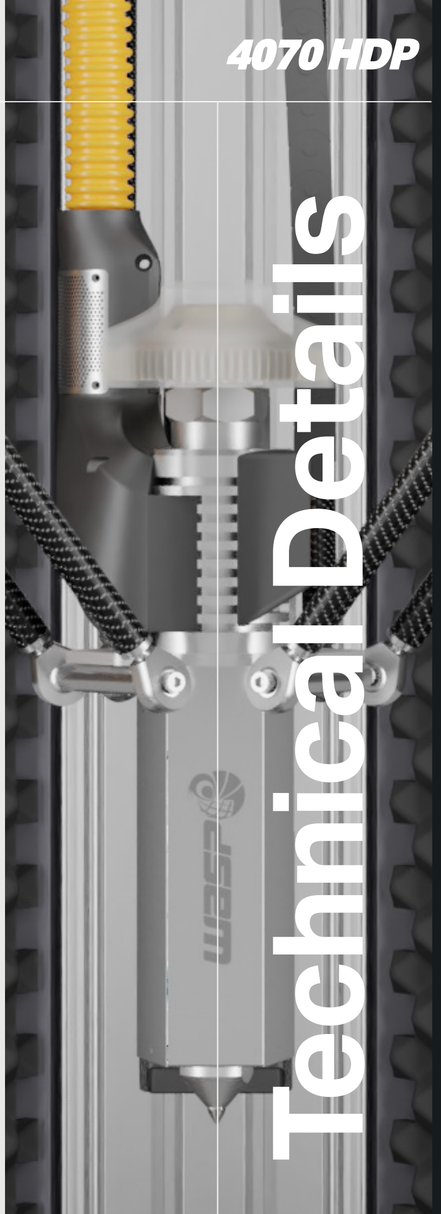
4070 HDP

Technical Details



PRODUCT SPECIFICATIONS

Print volume: Ø 400 x h 600 mm
Max output: 350g/h
Nozzle diameter: 1mm
Layer resolution: 200 - 500 micron
Print speed: 150mm/s
Travel speed: 250mm/s
Connectivity: WiFi, LAN, USB
Hotend temperature: Max 280°C
Bed temperature: Max 120°C
Chamber temperature: Max 50°

SOFTWARE

Supplied slicing software: Simplify3D®
Supported slicing software: Cura, Slic3r
File type: .stl, .obj, .gcode
Supported OS: Windows, Mac, Linux

INTERFACE

7-inch TFT touch screen display and 60 LED RGB bar

PHYSICAL DIMENSIONS

Printer dimensions: 85 x 77 x 195 cm
Printer weight: 95 kg
Packaging dimension:100 x 100 x 230 cm
Weight with packaging: 250 kg

POWER AND COMPRESSED AIR REQUIREMENTS

Input: 220/240 V 50/60 Hz (110V available)
Assorbed power: Max 3Kw
Average power: 0,600Kw
Air compressor: 8bar, 50L tank, 6x8mm pipe

ENVIRONMENT REQUIREMENTS

Operating temperature: 15-30°C
Storage temperature: 0-30°C

MECHANICS

Frame: aluminum, steel, laminated glass.
Bed: machined aluminum with interchangeable plates.
Movement: nylon wheels on anodized aluminum sliders, PU steel core belts.
Insulation: thermo-acoustic polymer foam.

MATERIALS

WASP official: 100% recycled PLA, ABS, ASA.
Other: TPU, PP, PETG.

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Industrial Line

PELLET

4070 HDP

High Definition Pellet **technology for the Industry**

4070 HDP

WASP 4070 HDP is a large format 3D printer designed to print directly from granules. **Affordable, heavy-duty prints from plastic granules.**

1. ACTIVE VACUUM BUILDPLATE CONTROL
2. HEPA FILTER
3. PNEUMATIC CONTINUOUS FEEDING
4. 5L GRANULES TANK
5. PRINT STATUS INDICATOR LED BAR
6. FAST AND POWERFUL DELTA KINEMATICS
7. HEATED CHAMBER

The WASP 3D printer for *plastic granules.*

4070 HDP

PRINT DIRECTLY FROM GRANULES

The new High Definition Pellet extruder has been specifically developed for thermoplastic granules extrusion up to 350g/h

BIG PRINTS BIG SAVINGS

Print massive parts using granules up to 10 times cheaper than filaments

RECYCLED MATERIALS

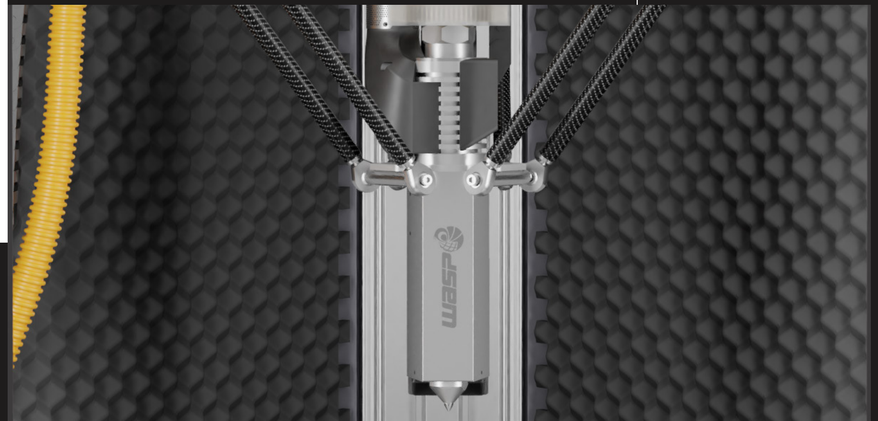
Experiment with an incredibly wide variety of customized and WASP officials recycled materials.

24/7 PRINTING

A 5L tank and the pneumatic continuous feeding system provides automatic extruder refills.

EASILY INTERCHANGEABLE PRINTING PLATES

Easy adhesion and removal of the print with Vacuum Active Control System and dedicated buildplates.



4070 HDP

Wi-Fi module for support remote control

Industry 4.0 compliant technology

Materials

4070 HDP

Plastic granule printing for Industrial applications.

PLA 100% RECYCLED ASA, ABS, TPU.

PELLET granules are 10x cheaper than filaments and dramatically reduce printing time.

Give waste a second chance with our HDP extruder.