



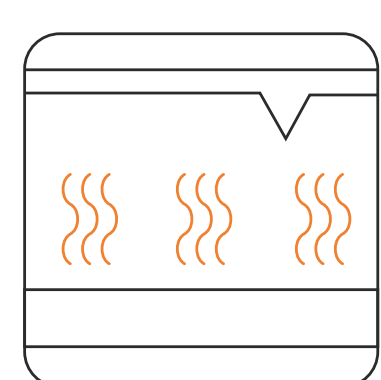
J U P I T E R

Unlimited space of opportunities

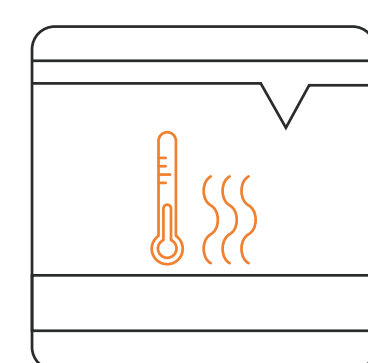


JUPITER

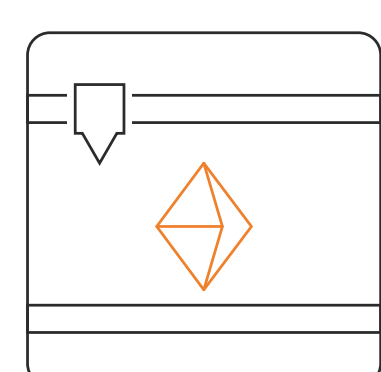
One of the largest industrial-class 3D printer in the world. Working space allows you to create objects up to 2 meters long. The device is equipped with the latest technological solutions compatible with the industrial standards.



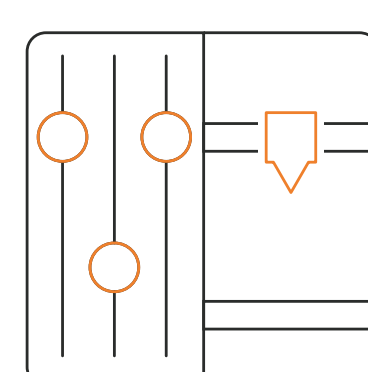
Granite working bed with 4-zone heating system



Thermoinsulated, heated chamber



High-performance printing system



Intelligent machine control systems

JUPITER

Technical specification

PRINTER SPECIFICATIONS

| | |
|---------------------------------|---|
| Printing technology | FFF (FDM) |
| Working area | X:2000 Y:1000 Z:1000 mm |
| Housing | Stable, aluminium sheet construction. Light column and safety switch on the outside of the housing. Separate cabinet for the materials. |
| Printing enviroment | Closed working chamber with temperature control |
| Max. chamber temperature | 45°C |
| Working bed | Bed autolevelling, platform heating system |
| Working bed material | Granite |
| Max. bed temperature | 100°C |

HEAD

| | |
|------------------------------|--|
| Nozzle diameter | Main: 1mm, 1.5 mm, 2mm Auxiliary: 0.5mm, 1mm, 1.5mm |
| Number of heads | 2 |
| Number of extruders | 3 |
| Extruder type | Direct |
| Max. head temperature | 340°C |

PRINTING PROCESS

| | |
|--|-------------|
| Layer height | 0.2 – 1 mm |
| Nominal printing speed | 200 mm/s |
| HQ printing speed | 100 mm/s |
| Maximum passage speed | 500 mm/s |
| Positioning accuracy of the X/Y axes | 50 µm |
| Positioning accuracy of the Z axis | 10 µm |
| Software | Simplify 3D |
| File extensions supported by software | .stl, .obj |

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Technical specification

MATERIAL

| | |
|--------------------------------|--|
| Materials | PLA, PET-G, PA, ABS* Support: PVA (*for limited geometry printouts) |
| Material diameter | 2.85 mm |
| Filament form | Spool |
| Supported spool weights | 3 x 2.5kg/4.0kg/8.0kg |

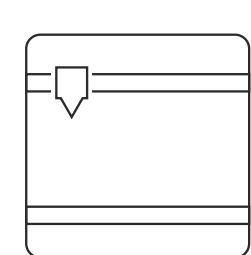
OPERATION

| | |
|---|-------------------------------|
| Communication | USB 2.0 |
| File extensions supported by printer | .gcode |
| Control | HMI with customized interface |
| Working environment temperature | 10 - 30°C |

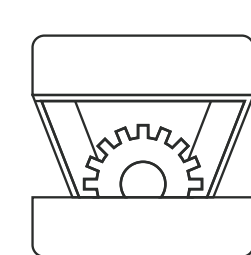
GENERAL DATA

| | |
|--|---|
| Power | 400V/50Hz |
| Max. power consumption | 27000 W |
| Average power consumption for PLA | 2500 W |
| External dimensions | 3840x2380x2760 mm (width x depth x height) |
| Weight | 3000 kg |

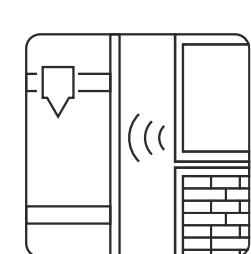
CONTENT OF THE SET



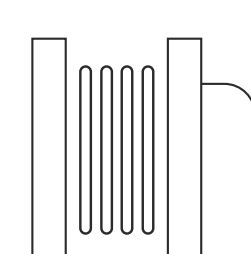
3D Printer



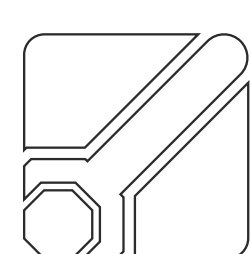
Maintenance kit



Simplify 3D software



3 x filament spool



1 year warranty



User's manual



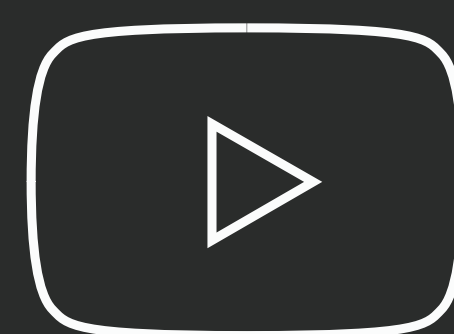
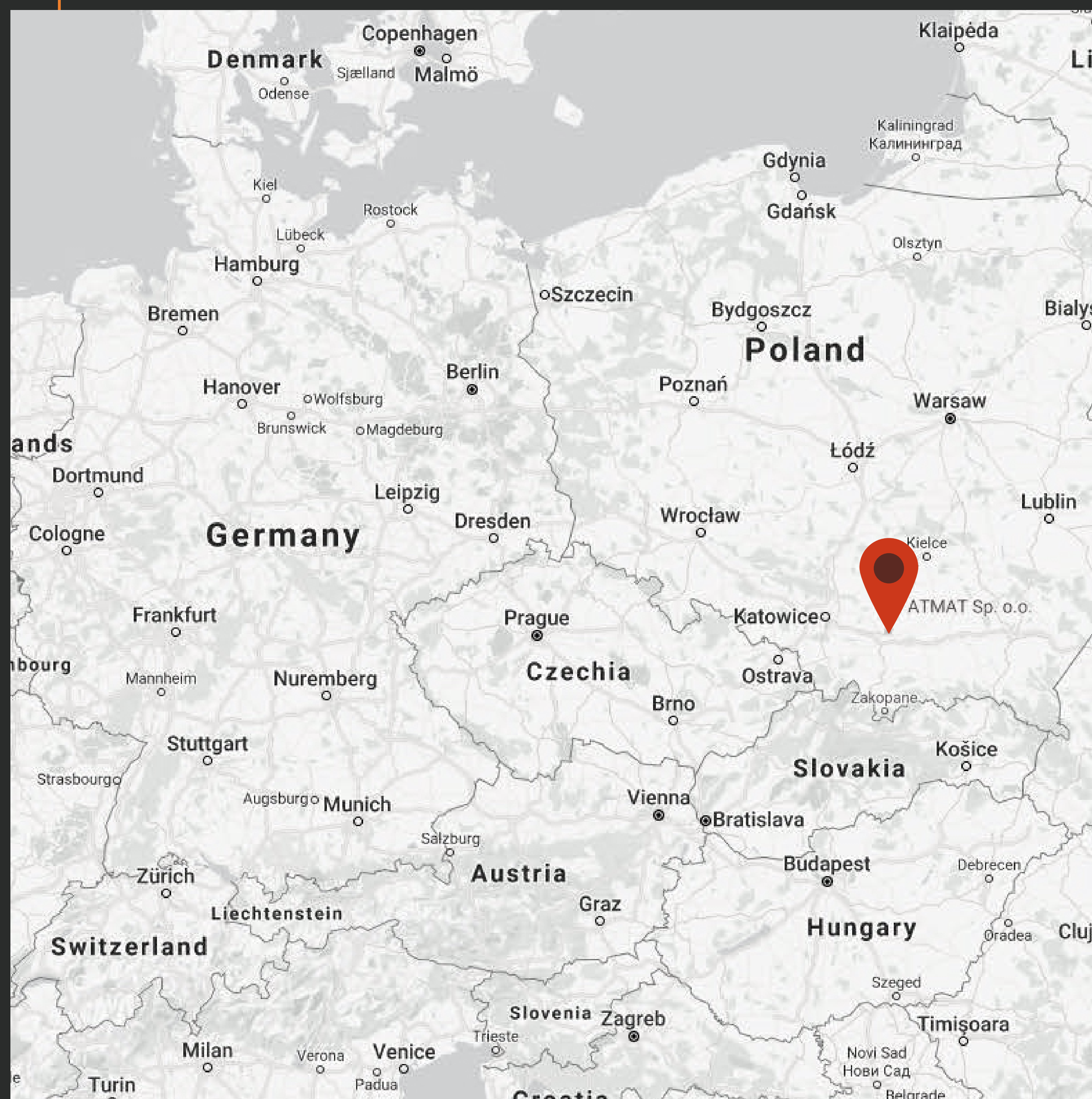
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