



VX1000

The universal 3D printer

The **VX1000** is a high-performance 3D printer that is setting the trend for the production of different components and moulds. It can also be used to print complex geometries with undercuts that are true to detail and precise. With the aid of voxeljet's proven 3D printing process, objects are automatically generated from 3D CAD data.

Thin layers are applied repeatedly to a building platform in a build-up process. These layers are then bonded together with fluid binder according to the

layer geometry.

The **VX1000** closes the gap between voxeljet's **VX4000** large-format machine and its proven **VX500** industrial printer, making it possible to offer the appropriate machine for virtually any task.

In addition, the **VX1000** is compatible with the inorganic binder developed by voxeljet in conjunction with Hüttenes-Albertus. Therefore it is not only very fast, but also environmentally friendly.

Technical data

DIMENSIONS AND WEIGHTS

Dimensions LxWxH	2.4 x 2.8 x 1.9 m
Installation space	4.4 x 7.9 x 3 m
Weight	ca. 3,5 t

PROCESS

Build space LxWxH	1060 x 600 x 500 mm
Print resolution x,y	600 dpi
Layer thickness	100-300 µm
Build speed	36 mm/h ≈ 23 l/h

System features

- High-performance machine
- Ability to print moulds with complex geometries and undercuts
- Environmentally friendly process due to compatibility with inorganic binder
- High-performance print head with a resolution of up to 600 dpi
- Effective continuous operations due to rugged design and high-quality components

The Equipment (including any use of the Equipment), is subject to proprietary processes. Other uses of the Equipment than those specified by voxeljet may expose the user to liability for patent infringement.