VX4000
The large-format 3D printing system

MOVIE

The VX4000 is a large-format 3D printing system for producing any type of object from particle material. With the aid of voxeljet's well-proven 3D printing process, objects are automatically produced from 3D CAD data. Thin layers are applied repeatedly to a building platform in a buildup process. These layers are then bonded together with fluid binder according to the layer geometry. The VX4000 system concept features a very large building volume of 4 x 2 x 1 metres, which is more than six times the volume of the next largest commercially available 3D printer. To impro-

ve performance, a particularly wide print head is used, which prints a layer in only two passes. As a result, the system not only ensures the fast manufacture of individual, oversized objects, but also permits efficient small batch production.

The system design with building platforms that are alternately inserted into the process station allows for continuous operation.
The machine thus has a robust design and is equipped with high-quality technology.

Technical data

DIMENSIONS AND WEIGHTS

Dimensions LxWxH	19.000 x 9.300 x 4.300 mm
Installation space LxWxH*	24.000 x 16.100 x 4.500 mm
Weight	–

PROCESS

Build space LxWxH	4.000 x 2.000 x 1.000 mm
Print resolution x, y	up to 600 dpi
Layer thickness	300 µm

* Installation space incl. Peripherals

System features

- Continuous operation with multiple building platforms
- Variable use of build space for individual application
- Effective and continuous operation through rugged design and high-quality components
- Fast and economical manufacturing of large components and batches

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.