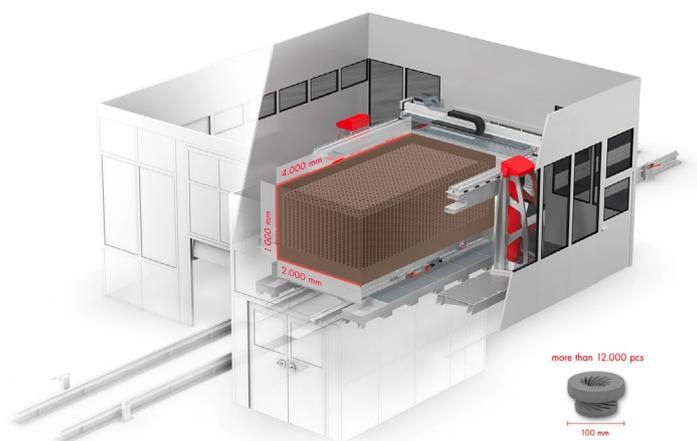


VX4000

3D printing system



The large-format 3D printing system

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 4,000 x 2,000 x 1,000 mm. To improve 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 (24/7) operation.

The machine thus has a robust design and is equipped with high-quality technology.

Technical data

Dimensions and weights

Dimensions LxBxH 19,006 x 7,805 x 4,268 mm

Installation space LxWxH 19,006 x 11,411 x 4,268 mm

Weight 10,000 kg

Process

Build space LxBxH 4,000 x 2,000 x 1,000 mm

Print resolution x, y 200 dpi

Build speed 300 µm

Available processes Sand (Furan)

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
- › Fully automatic production based on CAD data