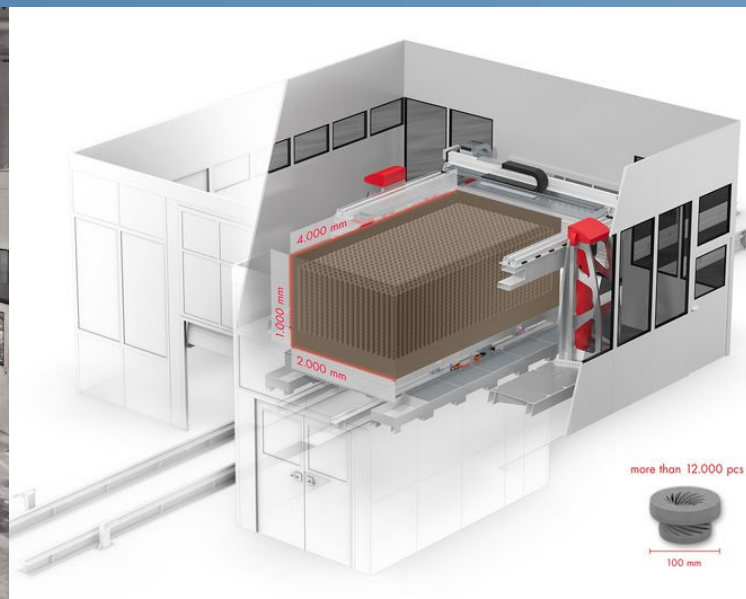


voxeljet VX 4000

Ideal for very large components





VX 4000

The Ideal for large components and high productivity

The VX4000 is the world's biggest industrial 3D printing system for sand molds including the cohesive build space of 4,000 x 2,000 x 1,000 mm (LxWxH). The machine is very fast, easy to operate and permits the economical production of very large individual molds, many small-series components or a combination of the two. The VX4000 ensures high productivity and flexibility, due to its large volume. The layering process was specially adapted for this printer.

Instead of lowering the building platform during the printing process, the print head is raised with each layer. The machine can thus easily support the heavy weight of the building platform, which can also be quickly replaced via a rail. As a result, the VX4000 can print almost continuously. Sand can be used as the particulate material. The VX4000's print head system can achieve a resolution of up to 300 dpi. A layer applied in one cycle is 300 µm thick.

Technical data

DIMENSIONS AND WEIGHTS

Outer dimensions LxWxH	19,000 x 9,300 x 4,300 mm
Installation space LxWxH	24,000 x 16,100 x 4,500 mm
Weight	5,500 kg

PROCESS

Build space LxWxH	4,000 x 2,000 x 1,000 mm
Print resolution x,y	Up to 300 dpi
Material	Sand
Ambient temperature	22 ± 2 °C
Rel. humidity	55 ± 5 %

System features

- 3D printing system for fast and economical production of large individual molds, small-series components, or a combination of the two
- High-volume output for maximum productivity and flexibility
- large cohesive build space for sand molds on the market: 4,000 x 2,000 x 1,000 mm
- Continuous printing
- Resolution up to 300 dpi possible

For more information please contact voxeljet
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