voxeljet

VX1000
3D printing system

The universal 3D printer

The VX1000 is a universal 3D printer for industrial applications. The machine is very fast, easy to operate and makes it possible to economically produce medium-sized models made of plastic and sand cores for prototypes. It can also be used to economically produce small series. Plastic and sand can be used as the particulate material. In plastic processes, the unprinted particulate material is recyclable. The build space measures 1,000 x 600 x 500 mm. The VX1000's print head system can achieve a resolution of up to 600 dpi. The thickness of a layer applied in one cycle is 150 µm for plastic and 300 µm for sand.

Technical data

Dimensions and weights

Dimensions LxWxH	2300 x 2420 x 2600 mm
Installation space LxWxH	9600 x 7240 x 3120 mm
Weight	3000 kg

Process

Build space LxBxH	1000 x 600 x 500 mm
Print resolution x, y	up to 600 dpi
Layer thickness	150/300 µm

*Installation space incl. Peripherals

System features

› 300 l build volume

› High-performance machine

› Ability to print molds with complex geometries and undercuts

› Cost efficient processes due to recyclability of loose powder

› High-performance print head with a resolution of up to 600 dpi

› Effective continuous operations due to rugged design and high-quality components