

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

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