



# VXC800

## The world's first continuous 3D printer

The VXC800 is the world's first continuous 3D printer. This innovation establishes a completely new generation of machines that allows the building and unpacking process steps to run at the same time, without having to interrupt the operations of the system. This leap in technology has become possible thanks to a novel patent pending design with a horizontal belt conveyor that controls the layer building. The layers are built at the entrance of the belt conveyor, while the unpacking takes place at the exit. The fini-

shed component can simply be removed from the rear end of the system when it has gone through the entire material.

There are virtually no restrictions with respect to the length of the moulds. The width and height of the build space are 850 x 500 mm. The VXC800 works with a 600 dpi high-definition print head and layer thicknesses ranging from 150 µm to 400 µm. The printed models offer a high degree of detail and excellent surface quality.

## Technical data

### DIMENSIONS AND WEIGHTS

|                          |                          |
|--------------------------|--------------------------|
| Dimensions LxWxH         | 4.000 x 2.800 x 2.200 mm |
| Installation space LxWxH | 4.800 x 4.000 x 3.000 mm |
| Weight                   | 2.500 kg                 |

### PROCESS

|                       |                            |
|-----------------------|----------------------------|
| Build space LxWxH     | 850 x 500 x 1.500/2.000 mm |
| Print resolution x, y | 600 dpi                    |
| Layer thickness       | 300 µm                     |
| Build speed           | 35 mm/h (=18 l/h)          |

## System features

- First continuously working 3D printer
- Compact design
- High-definition voxeljet print head with a resolution of 600 dpi
- Simultaneous building and unpacking without interrupting the operation
- Printing process on a level tilted to the horizontal
- Horizontal belt conveyor

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.