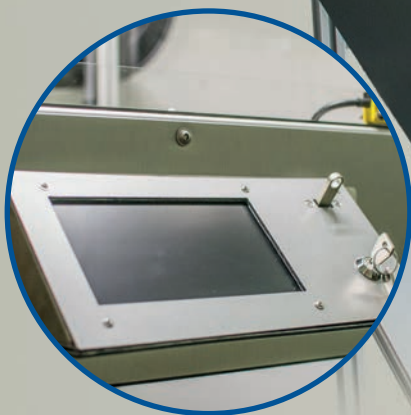


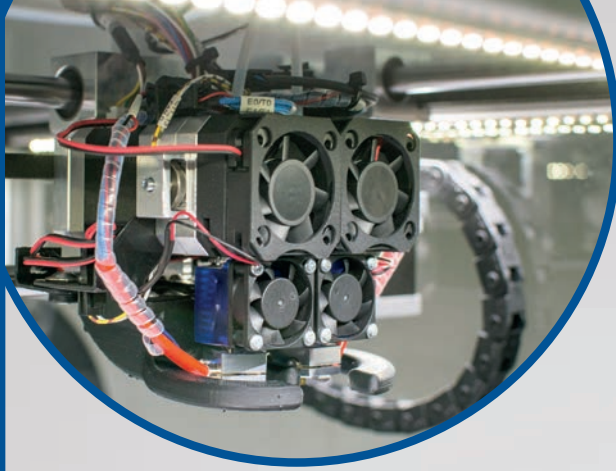
Industrial 3D Printing

Touch Display
and Industrial
Computer

Filament
Tracking
System

New Ventilation Concept





RR | x400 v4

ENGINEERED AND MADE IN GERMANY

SPECIFICATIONS

PRINT

Build platform* (XxYxZ)*
350 x 400 x 310 mm (15.4 x 15.7 x 12.2 in)

Layer high (min.)
0.1 mm

Print speed
10 – 200 mm/s

Travel speed
10 – 300 mm/s

Filament diameter
1.75 Ø mm

Nozzle diameter
0.4 Ø mm

Extruder
DD3 Dual Extruder

German RepRap Material Variety

Depending on the application, as well as on size and geometry, a wide range of materials is available. For more information, contact your reseller.

Technology
FFF (Fused Filament Fabrication)

Ambient temperature
15 - 26°C / 59 – 78.8°F

HANDLING

Filetransfer
Stand-alone Printing with Touch Display and USB, Ethernet

Software
Simplify3D

DIMENSIONS AND WEIGHT

Dimensions (WxDxH) approx.
735 x 730 x 777 mm

Weight
approx. 50 kg

OPTIONS

Base Cabinet

Available Nozzles
0.25 / 0.3 / 0.35 / 0.5 / 0.6 / 0.8 Ø mm

OPTIMAL BUILD PLATFORM

With its build platform of 350 x 400 x 310 mm (15.4 x 15.7 x 12.2 in), the X400 v4 enables dual printing of large objects in one process as well as small series with industrial quality.

DESIGN

The X400 v4 impresses with a high-quality design in aluminum optics and is not only fast, but also prints precisely with a layer resolution of up to 0.1 mm. In doing so, he scores first and foremost with his high running stability. High-quality components with exact drive technology and milled metal elements ensure high process reliability and deliver a machine with industrial quality.

AUTO BED LEVELING

The print bed is adjustable in height by the Auto Bed Leveling function and has to be calibrated only once. Time-consuming adjustment of the print bed before each print job is no longer necessary.

PROFESSIONAL VENTILATION CONCEPT

The X400 v4 is equipped with the new German RepRap fan KIT to ensure equal temperature control, which has a positive effect on the process reliability. The extruder ventilation ensures an optimum temperature at the extruder, while the object ventilator and the assembly space ventilation ensure an optimum object and ambient temperature.

ELECTRONICS FOR DEMANDING USERS

The X400 v4 is equipped with an industrial computer and can be operated via a touch-screen as well as via a USB interface (stand-alone printing).

The network connection is made via Ethernet with browser-based control.

MAINTENANCE AND SERVICE

The X400 series has proven its reliability in continuous operation. Tailored to the needs of industrial use, the customer is optionally offered a maintenance contract as well as professional on-site service by a trained technician. The worldwide German RepRap partner network ensures a reliable service through a personal contact person.

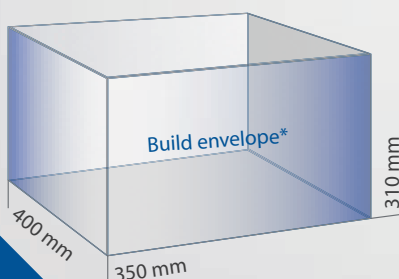
FILAMENT TRACKING SYSTEM

Using the Filament Tracking System, the X400 v4 automatically pauses the current print job when the filament is empty. In addition, the X400 v4 detects a deviation of the extrusion or conveying speed which is not visible to the naked eye and can react to the process reliably and thus actively prevent a print job break.

MORE DETAILS: WWW.GERMANREPRAP.COM

*depends on the configuration

presented by



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Future in 3D Printing



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