

RR | x1000

3D PRINTER MADE IN GERMANY

Industrial
large format
3D printer

On-site
service

Closed build
platform

MADE IN
GERMANY

Reliable & precise

German
RepRap | **RR**
Future in 3D Printing





SPECIFICATIONS

PRINT

Build platform (X/Y/Z)

1000 x 800 x 600 mm / 39.4 x 32 x 23.6 in

Layer height min.

0.1 mm *

Print speed

10 – 150 mm/s

Travel speed

10 – 300 mm/s

Filament diameter

1.75 Ø mm

Nozzle diameter

0.8 Ø mm (0.4 / 0.6 / 1 Ø mm optional)

Filament

PLA, Performance PLA, PVA, Laywood

Printing technology

FFF (Fused Filament Fabrication)

HANDLING

File transfer

Stand-alone printing with LC touch display
Network compatible via Wifi or Ethernet

Software

Simplify3D

DIMENSIONS AND WEIGHT

Dimensions (W/D/H)

1725 x 1500 x 1320 mm / 67.9 x 59.0 x 52 in

Weight

400 kg / 881.85 lbs

Operating voltage

3-phase current 400V (CEE 3L+N+PE, 6h)

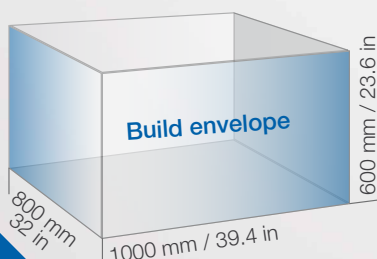
SAFETY FEATURES

Emergency stop, electric cabinet closed, build platform closed with door switch

OPTIONS

DD3 dual extruder, heated bed
Twofold CO₂ fire extinguishing system

*depends on the configuration



LARGE, CLOSED BUILD ENVELOPE WITH SAFETY-DOOR SWITCH

The closed build envelope avoids poor quality prints due to air flow. An automatic locking mechanism keeps the hatch closed during the printing process for improved safety.

DIRECT DRIVE DD3 EXTRUDER WITH FULL METAL HOTEND

New extruder technology, no adjustment necessary, variable contact pressure. High-heatable hot end (up to 290° C / 554° F) for industrial filaments. Hot ends can be exchanged quick and easily.

PRINT FAST AND PRECISE

A layer height from 0.1 mm allow precise prints. You just need a draft or a less precise object: Simply use a 1 mm nozzle for quick and fast printing.

FEATURE-RICH EASY TO USE PRINTING SOFTWARE

Easy to use printing software with pre-defined printing profiles and many features to ensure you get what you are aiming for.

FILAMENT MANAGEMENT

Two sensor filament control prevents useless prints due to filament run out.

FILE TRANSFER

Network compatible via Wifi or Ethernet.

IMPORTANT SAFETY FEATURES FOR INDUSTRIAL USE

Closed switchboard, emergency shut-down, twofold CO₂ fire extinguishing system (optional).

OPTIONS

Heated printing bed and DD3 dual extruder.

CHECK OUT WWW.GERMANREPRAP.COM

presented by