

PRINTING

- print technology: Fused Filament Fabrication (FFF - FDM)
- layer resolution: standard 0.1 mm (maximum: 0.2 mm - minimum: 0.05 mm)
- large build volume: 200 mm build platform diameter (0/- 5 mm), 225 mm build height (0/+75 mm) (depends on object diameter)
- print speed: 20-50 mm/s (can go up to 75 mm/s)
- travel speed: 180-200 mm/s
- build plate surface: removable layer of BuildTak™ (K8800-BT)
- filament diameter: 1.75 mm (accepts all filament spools with a mounting hole = 53 mm) - open filament policy
- prints: PLA, ABS, TPU, PET and others
- nozzle: E3D compatible
- nozzle diameter: 0.35 mm (one nozzle supplied)
- maximum nozzle operating temperature: 295°C
- bed compensation: automatic bed compensation performed by the nozzle (no manual calibration needed)
- calibration: automatic first-time set-up calibration

SOFTWARE

- firmware: modified Open Source Marlin 3D Printer, firmware is user upgradable
- software: custom Repetier version (Windows) - Cura profiles (Mac)

HARDWARE

- dimensions: W 35 x D 35 x H 77 cm (without filament spool)
- frame: rigid aluminium extrusion risers and 4 mm aluminium top and bottom plates for a sturdy frame and precision ground 100 mm vertical rods and brass bushings
- weight: 10 kg
- hybrid kit: quick and straightforward build, no soldering required

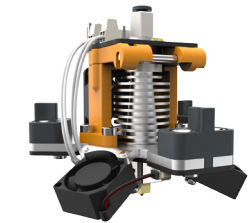
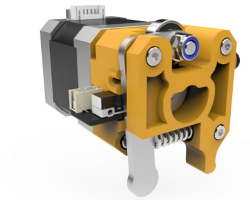
ELECTRICAL

- communication: SD card or USB 2.0 (automatic SD card recognition)
- controller board: AVR ATmega2560 based
- AC input: 100 - 240 VAC 50-60 Hz 90 W max.
- display: 128 x 64 graphic display with blue backlight

Your dealer:

FOL/K8800GEN

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PRINT BED

- removable 4mm tempered glass build plate
- sheet of custom BuildTak™ as print surface
- 200 mm build platform diameter, 225 mm build height
- automatic bed compensation and calibration

EXTRUDER

- direct drive extruder
- reliable feeding and extracting of 1.75 mm filament
- filament runout detector, the Delta will automatically pause and reload

PRINT HEAD

- actively cooled nozzle assembly with 3 high-quality fans
- 0.35 mm nozzle diameter
- E3D compatible nozzle
- auto shutdown when print head detaches (due to external causes), auto shutdown when surrounding temperature is incorrect (too high)

MAGNETS

- backlash free diagonal rod coupling
- easy assembly
- easy to switch printheads

ALUMINIUM FRAME

- rigid aluminium extrusion risers
- 4 mm aluminium top and bottom plates
- easy assembly

The Vertex Delta is an **all-round** and **reliable 3D printer** designed to print refined objects to complete your projects.

Aside from the **excellent print quality** and **user-friendliness**, the Vertex Delta also comes with a lot of innovative perks to make your 3D printing experience more engaging and pleasant. Advanced safety features, a filament run out detector, a mid print filament replacement function and automatic calibration and bed compensation are only a few of the **latest technological additions**. This Vertex comes as a **hybrid kit** which means that after a **straightforward and quick assembly**, your Delta 3D printer is ready to serve you. And don't worry about a precise build, because this device will take care of all necessary procedures to ensure a perfect first print.

Choose for reliability and for making quality 3D projects, choose Vertex and **make it happen!**

EXAMPLES

Unique & refined 3D prints



1. Tape dispenser by Goette - 2. Aria the Dragon by loubie - 3. Diablo by Sculptor

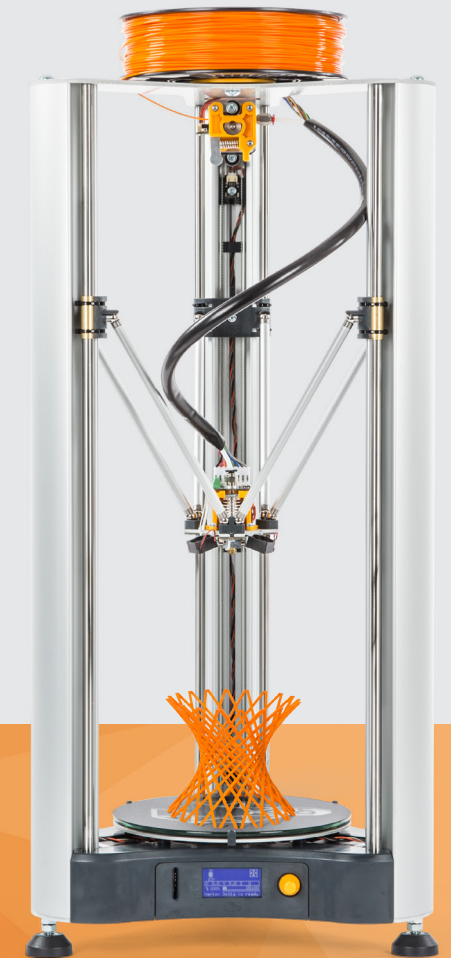
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V E R T E X 

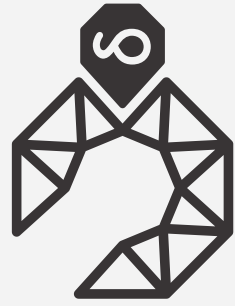
DELTA 3D PRINTER

Leading Edge 3D Printing

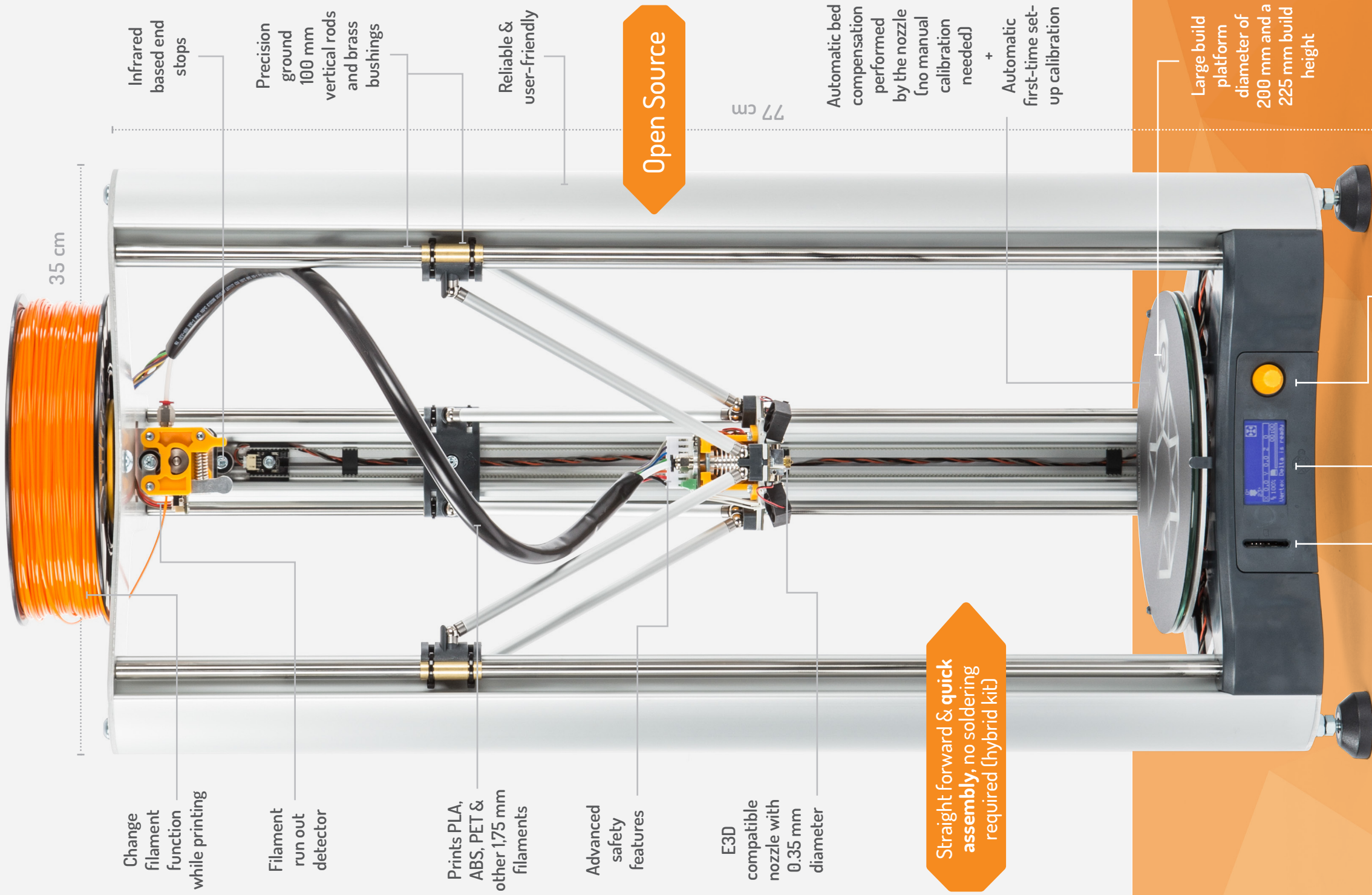


K8800
vertex3dprinter.eu

by **velleman**
projects



The latest technological additions



35 cm

Change filament function while printing

Filament run out detector

Prints PLA, ABS, PET & other 1,75 mm filaments

Advanced safety features

E3D compatible nozzle with 0.35 mm diameter

Infrared based end stops

Precision ground 100 mm vertical rods and brass bushings

Reliable & user-friendly

Open Source

77 cm

Automatic bed compensation performed by the nozzle (no manual calibration needed) + Automatic first-time set-up calibration

Straight forward & quick assembly, no soldering required (hybrid kit)

Large build platform diameter of 200 mm and a 225 mm build height

Automatic SD card recognition

128 x 64 Graphic display with blue backlight

Effective pause function without nozzle leakage