

ZYYX Maintenance Kit Released

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Today Magicfirm Europe released the ZYYX Maintenance Kit. This is a one stop solution to keeping your ZYYX Print Head in great shape for hassle free printing. The Kit includes among others a special cleaning filament and an automatic print head cleaning sequence engineered by the team behind the ZYYX. The Kit is available for purchase in the web shop for only 35 Euro.

Most of the ZYYX users put their machine to tough use and they come to rely on the printer just producing print after print. This makes the few that get some problem with their printer all that more desperate since they are relying on the printer to “just work”.

“We have had some business customers that buy a machine with some skepticism saying something along the line of “it is not that much money, who knows maybe we can use it a couple of times...” Then we hear nothing and we might think that well maybe they were not ready for a 3D printer”, says Mats Moosberg, CEO of Magicfirm Europe AB

“ - then 6 months later they call us in complete desperation saying that this morning the machine cannot extrude, and I have a million things to print this week!!!”, says Mats

“In most of these cases they have a blocked nozzle, either from some contamination in the filament that got stuck, or a plain piece of plastic stuck in the entry hole of the hot end”, says Mats

“Our very valued experienced enthusiast users might see this as an interesting challenge to fix, but our equally valued professional users just see lost days...”, says Mats

“We decided to look into what we can do to solve this issue, and came up with the ZYYX Maintenance Kit. The main component is our own cleaning filament and an automatic cleaning sequence. In a similar manner to a 2D printer that will perform an automatic cleaning sequence your ZYYX Printer can from now on do the same.”

“In addition we put together some other tools that will take the hassle out of print head maintenance.”, says Mats

The Kit has tools to use for the following scenarios:

Extruder Feeder Maintenance: The feeder wheel will get dirty from plastic residue and should be cleaned once every 2-3 weeks. The ZYYX Maintenance Kit contains brushes that are perfect for cleaning out the feeder wheel.

Automatic Nozzle Cleaning/Maintenance: Even though the ZYYX nozzle is known for it's stable operation, nozzle cleaning at an interval of about 4-6 weeks can prolong the life and prevent future clogs. The ZYYX automatic nozzle cleaning can also fix some blockages. The cleaning is performed with the special ZYYX cleaning filament.

Nozzle Blockage Removal: If you have a complete blockage of the nozzle and the automatic cleaning did not fix it you can use the heavy artillery, our ZYYX Nozzle cleaning sticks.

Filament Blockage Removal: Sometimes the blockage is a piece of plastic stuck in the entry hole of the hot end. This is usually the case if the extruder stops feeding very soon after loading the filament.

To remove such a blockage the extruder arm needs to be removed. The Kit comes with a tool to easily remove the tension spring and then the arm is removed by unscrewing one screw.

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About the company

Magicfirm Europe AB is a manufacturer of 3D printers and owner of the brand ZYYX 3D Printers, the company was founded in 2013.

The Magicfirm Europe AB office is located next to Chalmers University of Technology in Gothenburg, at the premises of the Chalmers Innovation incubator.