Original Prusa XL 3D Printer

The Original Prusa XL is a unique large-scale CoreXY 3D printer with a build volume of 36×36×36 cm (14.17"×14.17"×14.17"). Featuring an **optional tool changer** with up to 5 independent tool heads and **automatic first layer calibration** for an always-perfect first layer, the XL enables you to **print massive objects fast** and with little no to waste.

The Original Prusa XL runs on the latest embedded 32-bit platform with support for ultra-fast printing thanks to the native implementation of Input Shaper and Pressure Advance. Combined with the **next-generation extruder, Nextruder**, and its Loadcell sensor, **the system can deliver an always-perfect first layer across the entire print surface** - even in the five-head configuration! While the printer is compatible with our Prusa Connect network solution, it can be fully operated offline without any sacrifices in user comfort.

The toolchanger is what really sets the Original Prusa XL apart from other CoreXY 3D printers. The printer's configuration **allows for docking up to five toolheads** and switching between them in a blink of an eye. You can **preload up to five different filaments** and truly take advantage of **full multi-material printing.** PLA combined with FLEX? PETG with PLA supports? The Original Prusa XL can deliver stunning results with ease - fast!

To further improve the quality and reliability of printing, **the XL is equipped with a modular segmented heatbed** driven by a separate electronic board. The heatbed consists of **16 individually controlled tiles designed to prevent heat deformation** which is usually present in printers with a single large heatbed. You can always find the perfect print surface for your material with our proven double-sided print sheets with various types of surface textures.

With eight times larger print volume compared to the MINI+, no project is too big for the XL!