

# MARKFORGED X3

Industrial Series – Chopped carbon only



PRINTER SPECIFICATIONS

# MARKFORGED X3

The X3 prints strictly engineering grade plastic parts. It leverages the incredible material qualities of Onyx - twice the strength and stiffness as standard printing plastics - with an advanced sensor suite to deliver unparalleled reliability. Parts meet tight tolerances with beautiful surface finish and are perfect for production line equipment.

|                    |                         |   |
|--------------------|-------------------------|---|
| PRINTER PROPERTIES | Process                 | Fused Filament Fabrication  |
|                    | Build Volume            | 330 x 270 x 200 mm (13 x 10.6 x 7.9 in)   |
|                    | Weight                  | 46 kg (102 lbs)   |
|                    | Machine Footprint       | 584 x 483 x 914 mm (23 x 19 x 36 in)  |
|                    | Print Bed               | Kinematic coupling - Flat to within 80 um   |
|                    | Laser                   | Bed Leveling, Active Print Calibration  |
|                    | Power                   | 100-240VAC, 150W (2A peak)  |
|                    | X5 Upgrade Capabilities | Fiberglass  |
|                    | X7 Upgrade Capabilities | Laser In Process Inspection, Carbon Fiber, HSHT, and Kevlar                                 |
| PART PROPERTIES    | Layer Height            | 100um default, 50 um minimum  |
|                    | Material Properties     | UTS: 36 MPa (1.2x ABS); Flex Stiffness: 2.9 GPa (1.4x ABS)                                  |
|                    | Infill                  | Closed Cell Infill: Multiple geometries available   |
| SOFTWARE           | Supplied Software       | Markforged Software - Cloud Storage, Local Storage, or Fully On-Premise (\$5,000 added fee) |
|                    | Security                | Two Factor Auth, Org Admin Access, Single Sign On   |
| MATERIALS          | Plastics Available      | Onyx  |
|                    | Fiber Available         | None  |

MACHINE



F-PR-3004

All specifications approximate and subject to change without notice.