The Mark X5 leverages fiberglass reinforced thermoplastic to create parts 10x as strong as standard printing plastics. Easily upgradable to the X7, the X5 is a laser assisted, durably built large format machine designed to reliably produce high strength parts in any environment at an affordable price point.

**MARKFORGED X5**

**PRINTER SPECIFICATIONS**

- **Process**: Continuous Fiber Reinforced Plastics
- **Build Volume**: 330 x 270 x 200 mm (13 x 10.6 x 7.9 in)
- **Weight**: 48 kg (106 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)
- **X7 Upgrade Capabilities**: Laser In Process Inspection, Carbon Fiber, HSHT, and Kevlar

**PART PROPERTIES**

- **Layer Height**: 100um default, 50 um minimum
- **Ultimate Tensile Strength**: 590 MPa (19.0x ABS, 16.4x Onyx)
- **Max Flexural Stiffness**: 22 GPa (10.7x ABS, 7.6x Onyx)
- **Infill**: Closed Cell Infill: Multiple geometries available

**SOFTWARE**

- **Supplied Software**: Markforged Eiger - 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**: Fiberglass

**MACHINE COST**

- **$ 49,990 SRP**

All specifications approximate and subject to change without notice.