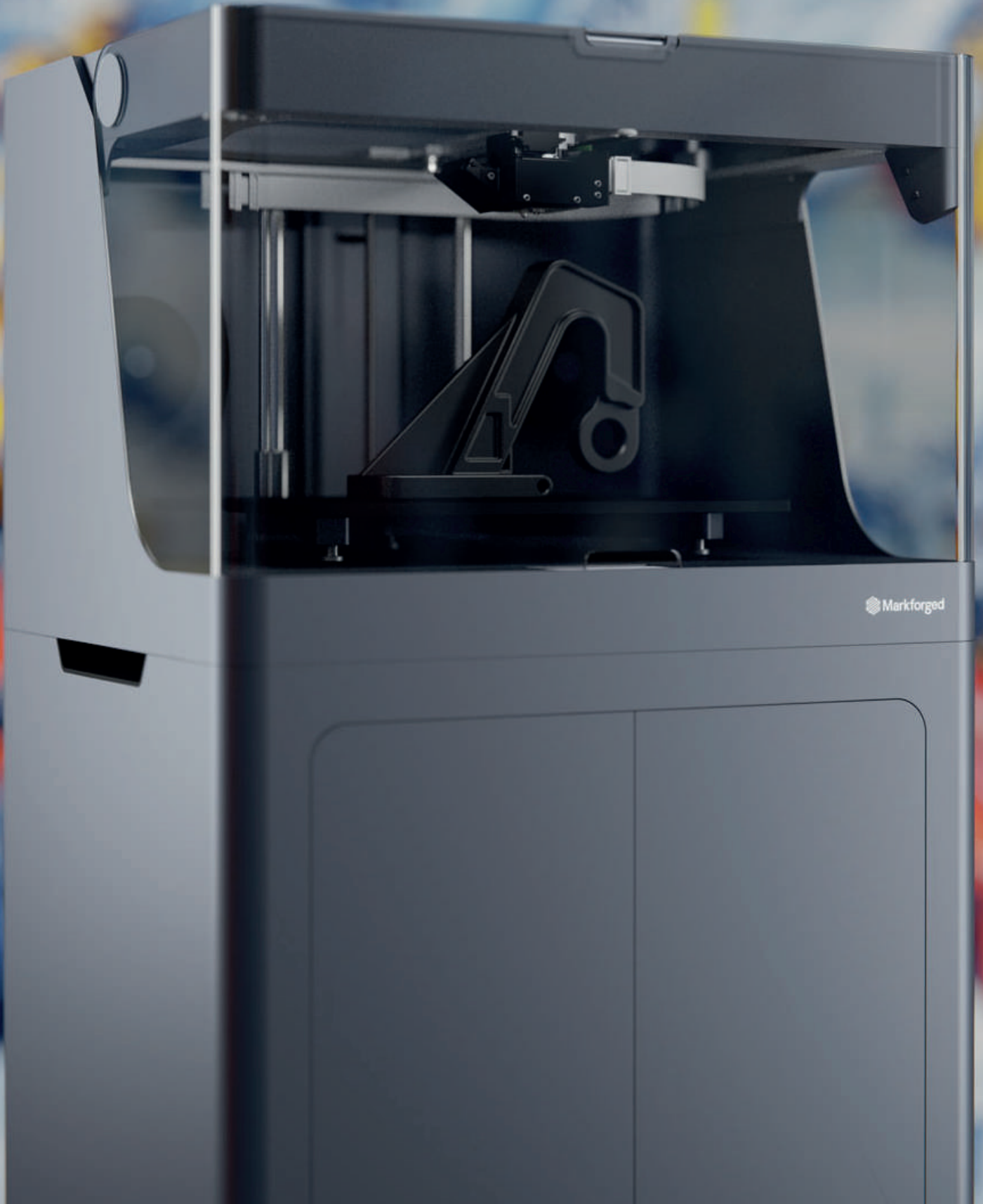


MARKFORGED X5

Industrial Series – Continuous Fiberglass



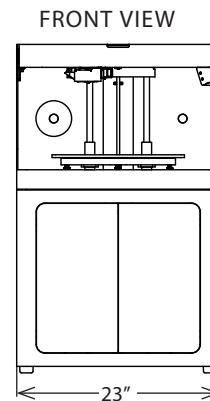
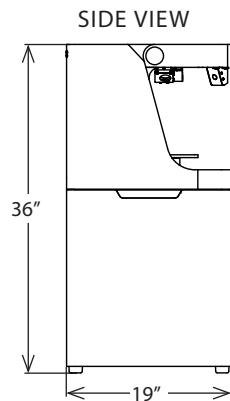
PRINTER SPECIFICATIONS

MARKFORGED X5

The 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.

| | | |
|--------------------|-------------------------------|---|
| PRINTER PROPERTIES | 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 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 | Fiberglass |

MACHINE



F-PR-3005

All specifications approximate and subject to change without notice.