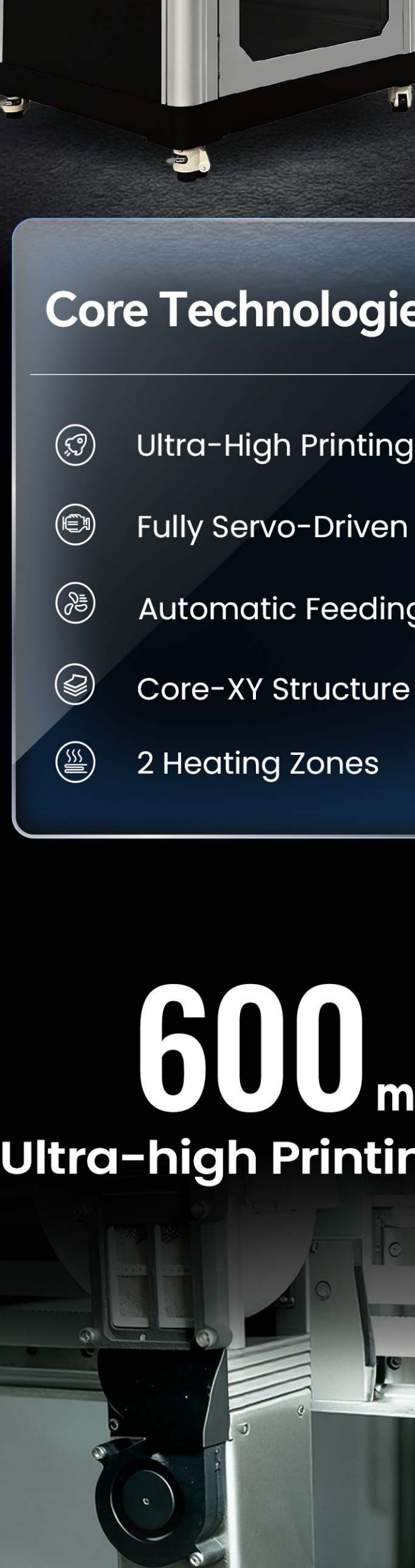




Aura3D

INDUSTRIAL-GRADE PELLET 3D PRINTER



A8

600 mm/s

Ultra-high
Printing Speed

Core Technologies

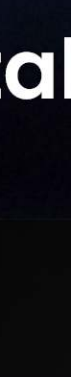
- Ultra-High Printing Speed
- Fully Servo-Driven Motors
- Automatic Feeding System
- Core-XY Structure
- 2 Heating Zones

600 mm/s

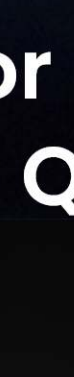
Ultra-high Printing Speed



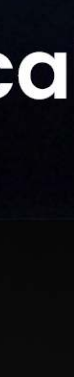
Integrated Servo Motor



Strong torque

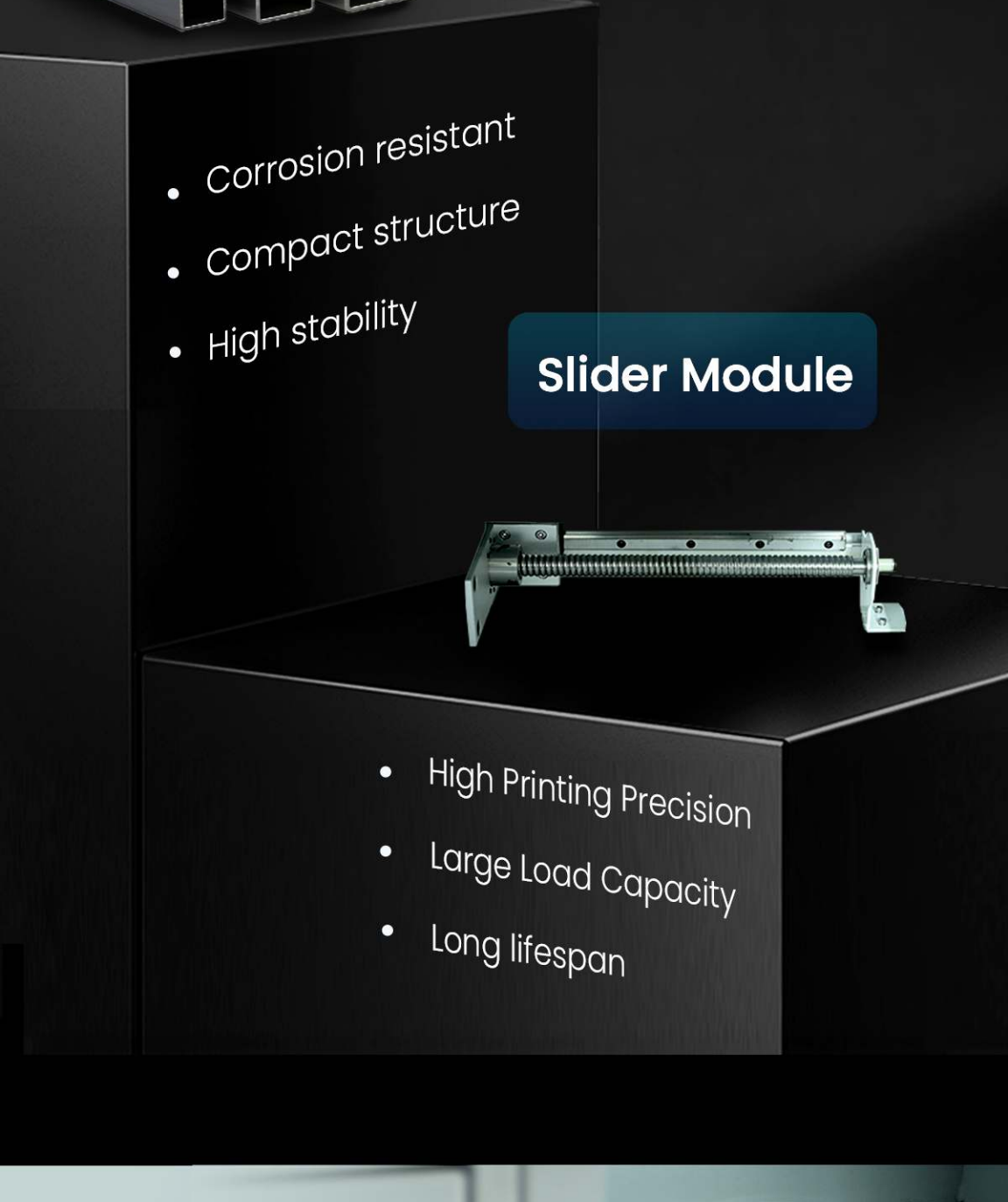


No step loss



Low noise

dB



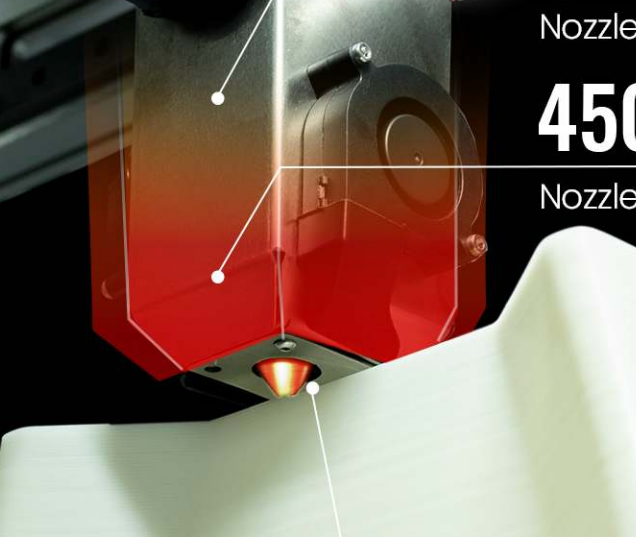
Stability For Impeccable Print Quality

Aviation-grade
Aluminum Built-up

- Corrosion resistant
- Compact structure
- High stability

Slider Module

- High Printing Precision
- Large Load Capacity
- Long lifespan



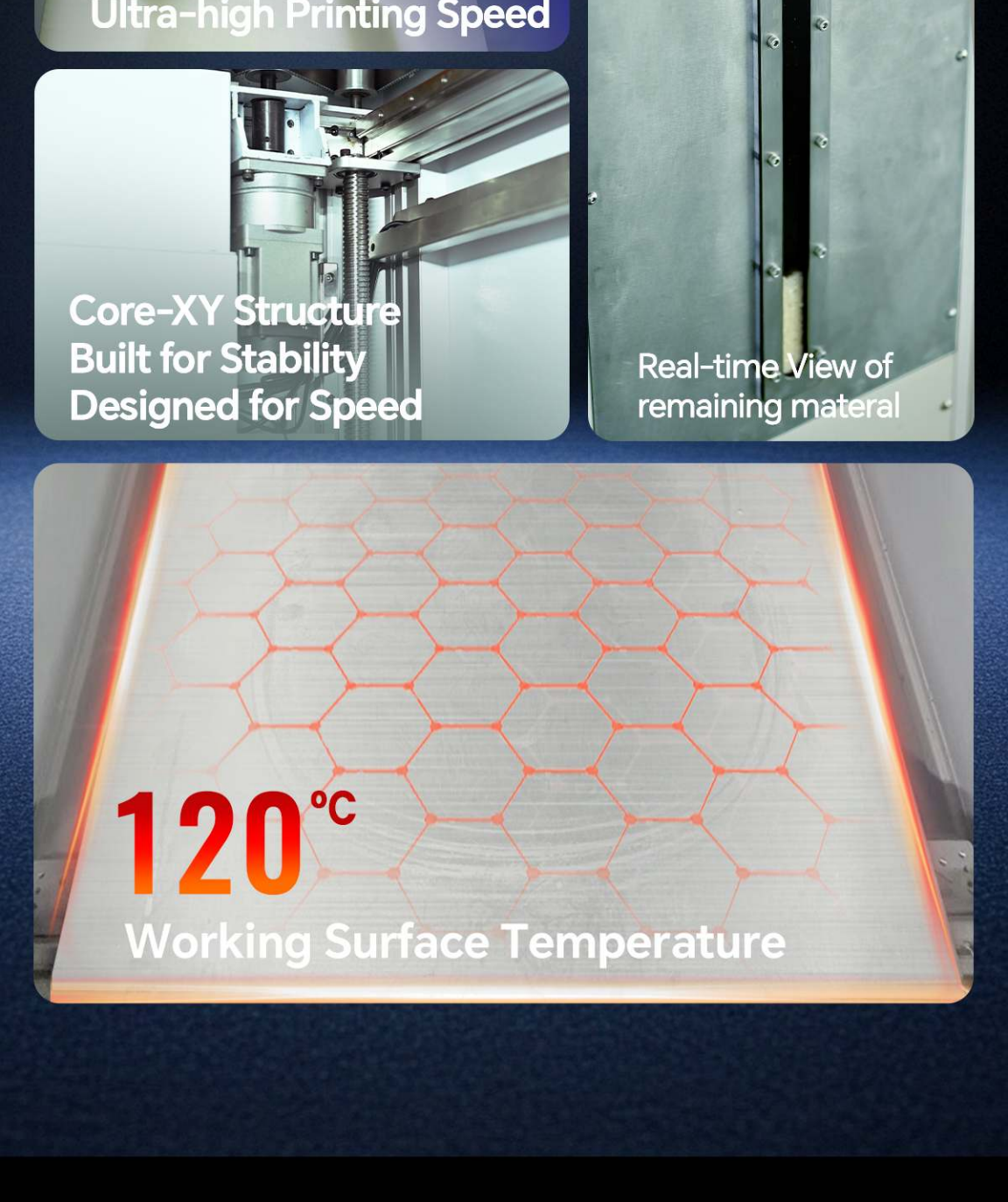
Automatic Feeding System

- Built-in Blower for Feeding
- Stable and Continuous Material Feeding
- No Extra Air-compressor Needed



Next-Generation High-Speed Extrusion System

High-Strength · High-Stability · 2 Heating Zones



380 °C

Nozzle Upper Heating

450 °C

Nozzle Lower Heating

0.4-5mm

Nozzle Adapter

- High Precision and Consistent Extrusion
- Support for High-Temperature Engineering Materials
- Reduced Clogging Maintenance Requirements

Steel **CNC** Base



Enhanced Structural
Stability and Rigidity



Vibration Reduction for
Improved Print Quality



Long-Term Durability
and Precision Retention



600 mm/s

Ultra-high Printing Speed

Remaining Material
Visualization

Core-XY Structure
Built for Stability
Designed for Speed

Real-time View of
remaining material

120 °C

Working Surface Temperature



Extensive Material & Nozzle Options



ABS



PP



TPU



PLA



rPETG



ASA-GF



PPS-CF



PAHT-CF



PC-GF



PETG-CF



A Wide range of nozzle size from 0.4mm-8mm

Application Cases

Industrial Parts

Material Testing

Mold Manufacturing

Footwear Industry

Furniture Products

Crafts

Research & Educational

Specifications

Molding Dimensions	Aura A8
Printing size	800 x 800 x 800 mm
Machine size	1250 x 1240 x 1645 mm
Package size	1380 x 1290 x 1870 mm
Nozzle diameter	0.4-5 mm
Nozzle upper temperature	≤450°C
Heating Bed temperature	≤120°C
Hopper capacity	15kg
Maximum speed	600mm/s
File format	STL/OBJ/STP
Printing mode	USB/WiFi
Slicing software	Orca
Layer thickness	0.2-3mm
Printing materials	PAHT-CF, PC-GF/CF, PETG-GF, PPS-CF, ABS-CF, ASA-GF, PP, TPU, TPU&Silicon, rPETG, rPLA, rPET, PLA, ABS
Language	AR, BG, CN, CS, DA, DE, EN, ES, ET, FR, GU, HE, HU, IT, JA, KO, NL, PL, PT, RU, SL, SV, TR, UK, VI,
N.W/G.W	380/480kg