

MEKUVA

AKAR 200



**Dual Extrusion Excellence,
Applauded for Cost-Efficiency and
Premium Qualities**

mekuva
TECHNOLOGIES

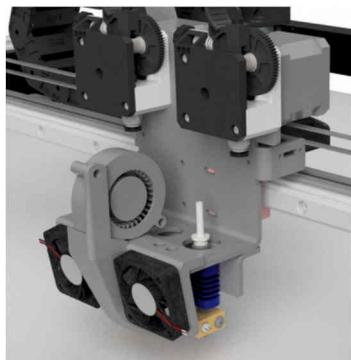
📞 +91 8686700666
🌐 mekuva.com

KEY FEATURES

Single Print-265x200x300mm/ Dual Print-250x200x300 mm
(XYZ) Large Build Volume
Industrial 3D Printer
User Friendly User Interface
Touch Screen for Standalone printing
SD Card & WiFi connectivity
Filament Supply Sensing
Power Outage Recovery
High-Resolution prints with Heated bed
Multiple Printable materials

Dual Extrusion System

Print soluble support materials



24Volts DC Heater



Power Loss Print Resuming feature



Range of filaments

PLA / TPU / ABS / HIPS / PETG / ASA / PP / PVA / Glass Fiber Infused / Carbon Fiber Infused / Metal Fill / Wood Fill



Filament Run-out Sensor

When the filament over the printer will give an alarm and pauses the printer.
 Worry-free printing experience



Unibody Metal Design

Crafted with Precision: Our Unibody Metal Design offers a seamless, sturdy, durable frame. Experience sophistication and strength in one singular form.



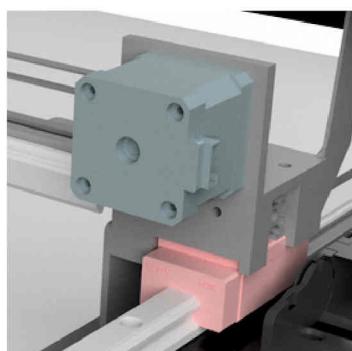
Modified MK8 Hot-end

We've reengineered the standard MK8 hot-end's heat break and thermistor assembly for superior reliability, eliminating nozzle clogs from heat creep. Enjoy continuous, 15-day fail-free prints with this popular, easy-to-find replacement part hot-end.



CNC Machined Parts

XY motion system rests on CNC milled blocks which perfectly maintains the XY perpendicularity. This is very important to achieve to repeatable dimensional accuracy of the printed parts.



TECHNICAL SPECIFICATIONS

Build Volume (WxDxH)	Single Nozzle Print / Dual Nozzle Print 265x200x300mm / 250x200x300mm
Machine Size (WxDxH)	480x420x550 mm
Print Technology	FDM/FFF
No. of Extruders	Single / Dual
Printing Speed	30-100 mm/s (30-80mm/sec recommended)
Build Plate Type	Aluminum Plate on top Toughened Glass with PEI Sheet applied (Optional)
Max Build Plate Temp.	110°C
Heating Bed Element	24V DC Heater
Filament Compatibility	PLA / ABS / HIPS / PC / TPU / TPE / NYLON / PETG / ASA / PP / PVA / Glass Fiber Infused / Carbon Fiber Infused / Metal Fill / Wood Fill
Max Nozzle Temp.	265°C
Max Power Usage	360 W
Supported File Format	STL,OBJ,AMF
Supported Software	Simplify3D, Cura, Slic3r, PrusaSlicer
Product Weight	45 Kg
Compatible Nozzle Sizes	0.25, 0.4, 0.5, 0.6, 0.8, 1.0 mm Diameter
Complementary Accessories	Scaper, Side cutter, Nose plier, Nozzle changing wrench, Glue stick, Extra heater and thermistor, Hotend setup, Pendrive, Spirit level, Allen key set, Extra nozzles, 1 Kg PLA material, and extra screws.

Industrial 3D Printers For High-Tech Manufacturing



Enabling You to Prototype Faster and Better

At Mekuva Technologies Pvt. Ltd., we are experts in prototyping, specializing in the production of professional 3D printers and offering a range of services including 3D printing, industrial design, and various traditional manufacturing services. Our portfolio boasts collaborations with entrepreneurs, startups, and industry leaders. We firmly believe that commitment holds paramount value in business. Regardless of your company's size, expect unmatched and consistent high-level customer support from us.

The company ensures consistent quality in every product by conducting thorough inspections for mechanical integrity and wiring at each stage of production. Each machine undergoes checks for free axis motion and perpendicularity, in addition to wiring inspections. Every 3D printer is electrically insulated to prevent loose connections, and we use the recommended gauge electrical wires and mechanical components for the assembly of each machine.

Other Services We Offer

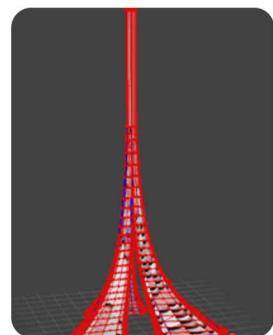
3D Printing Services



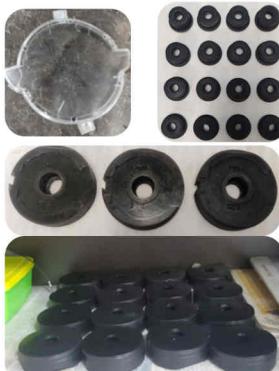
3D Scanning



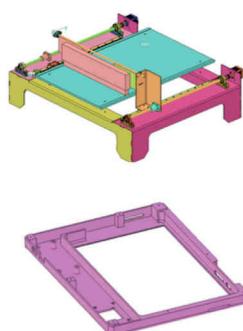
Part Design Optimization



Vacuum Casting



CAD Designing



Traditional Production



Client Installations



About Mekuva Technologies Pvt Ltd

Mekuva Technologies Private Limited is a manufacturer of Industrial-grade 3D printers, Dedicated to providing users with powerful 3D printers and high-performance materials.

Contact

+91-8686700666, +91-9494338215
contactus@mekuva.com
 H.no 13/173, First floor, Sifco road,
 Near Elico Limited, Balanagar
 Industrial Area, Hyderabad,
 Telangana, India-500018