

# 3D Printer User Manual

## MakerLine MAK-446

Printer Type: FDM

Target User: Hobbyist

### 1. Safety Instructions

Always operate your 3D printer in a well-ventilated area. Avoid touching heated parts during or after printing. Keep the printer out of reach of children. Follow all setup procedures as described.

### 2. Setup & Assembly

This printer comes as: Semi-kit. Assembly typically takes 15-60 minutes. Ensure all components are included in the box. Use a level surface and connect power only after full assembly.

### 3. Printing Guide

Use supported slicers like Cura. Load filament/resin type: Castable Resin. Recommended layer height: 0.25 - 0.45 mm. Print via: SD Card.

### 4. Maintenance & Care

Clean the nozzle regularly, keep the bed level, and ensure firmware is up to date. For resin printers, clean the vat after each print.

### 5. Technical Specifications

Build Volume: 254x153x139 mm

Nozzle Diameter: 0.6 mm

Max Print Speed: 81 mm/s

Heated Bed: No (Max Temp: N/A)

# 3D Printer User Manual

Firmware: Marlin

Certifications: FCC

Warranty: 3 years