# MINGDA

# Goldfish X Mono 4K

**Product Description**



MINGDA Goldfish X Mono 4K

## Higher accuracy and higher speed

Larger Faster
High speed resin 3D printer

### 4K Monochrome LCD Screen

Providing the ultra high detailed printing quality, suitable for printing the parts with complex structure and high accuracy

### Large Build Platform

143*90*145mm

### Designed for high stabiity&Fast Printing Speed

Industrial grade high quality liner guide railways and powerful newest parallel matrix light ensure the steady and fast printing
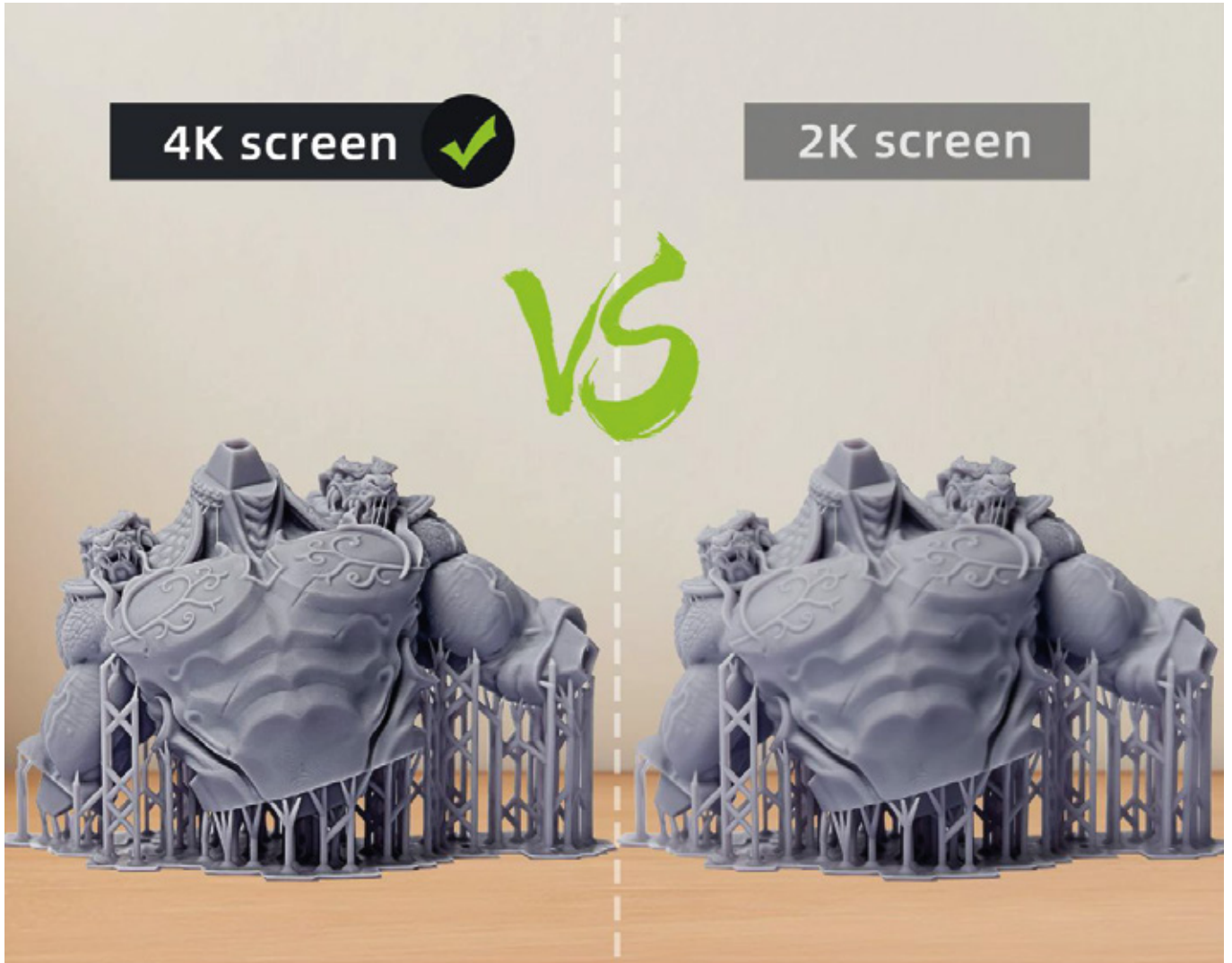
### Super easy Spring-loaded self-leveling

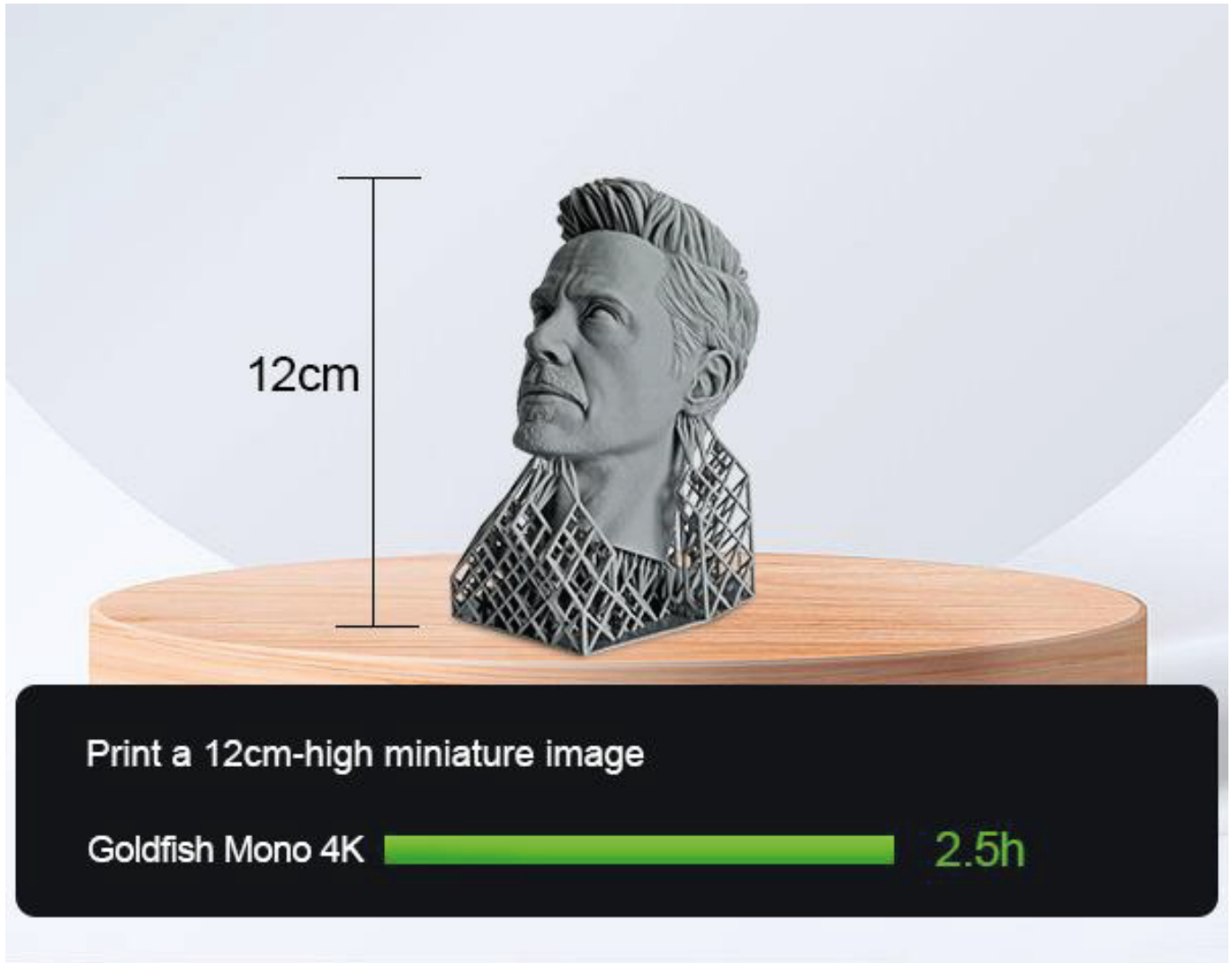Say goodbye to the complicated multi-screw leveling, only one key is needed for leveling.

**Ultra High-detailed print quality**

Goldfish comes with a 6.6inch, 4K monochrome LCD screen, a resolution of 4098*2560, and an XY resolution of 35um. It provides ultra-fine quality prints, It is much better than 2K and is suitable for producing the parts with high precision and complex structure.
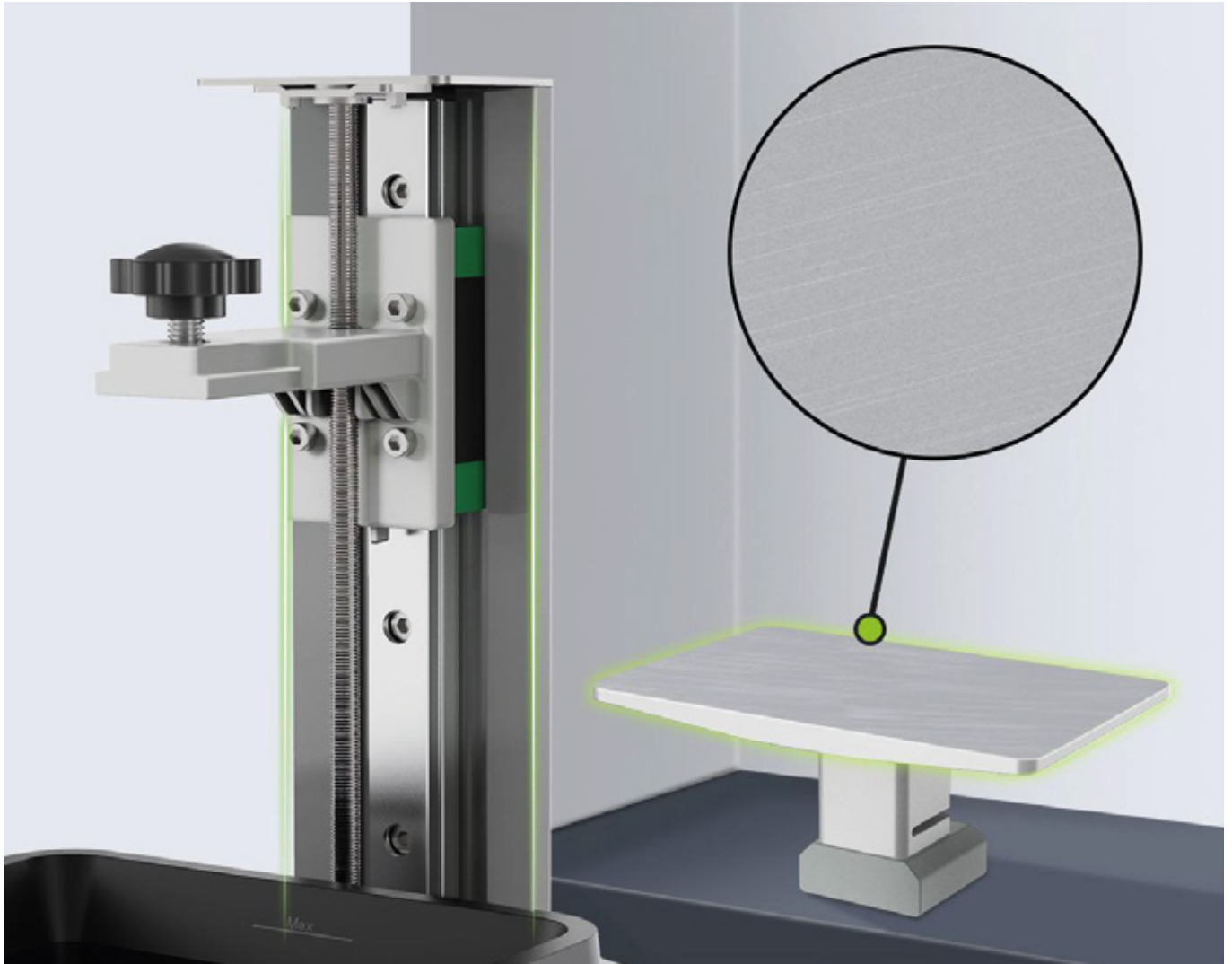
**Super Easy Spring-loaded self-leveling System**

Leveling is the key, Goldfish is equipped with the Spring-loaded self-leveling, compared with the 4-bolts leveling system of most competitors. The Goldfish X just needs to loose one bolt to level, It is much easier and time-saving, which can greatly guarantee the printing success rate.

12cm

Print a 12cm-high miniature image

Goldfish Mono 4K    2.5h

**Fast Printing Speed**

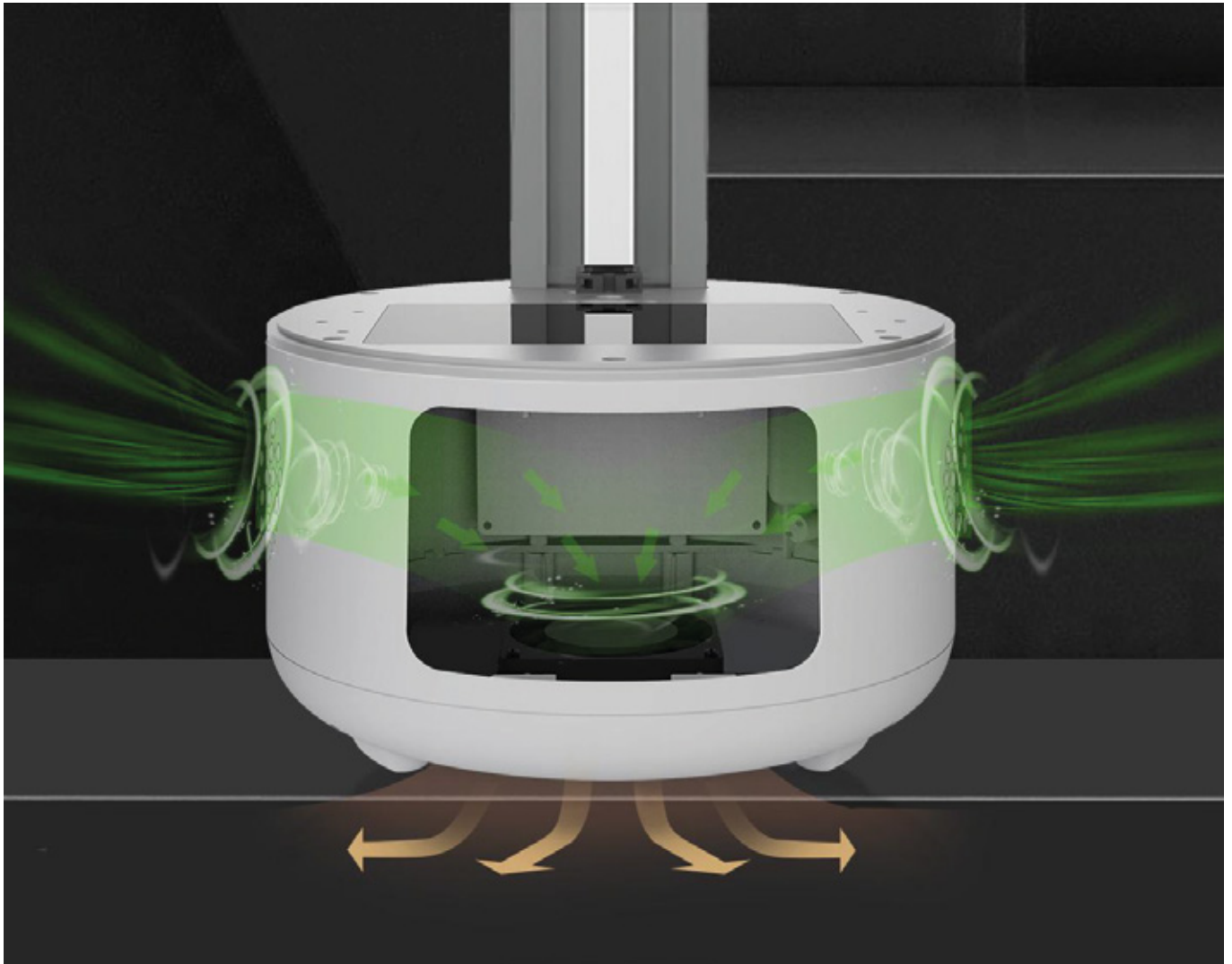The Max printing speed can reach 50mm/h, and it only takes 2.5 hours to print a 12cm-high miniature image.

**High Stability**

Goldfish is equipped with industrial-grade high-quality Z-axis Rail, It ensures stability while in motion and reduces the risk of layer shifting. The Frosted platform with the strong adhesion, ensure the printing success

**Newest Upgraded Parallel Matrix Light Source**

The newest upgraded parallel matrix light source, the light uniform exceeds 90%, ensuring uniform light intensity distribution and consistent accuracy throughout the screen, thereby improving the overall print quality

**Rapid cooling system**

The base adopts convection heat dissipation, the cooling system with air inlet on both sides and air outlet at the bottom can quickly dissipate heat
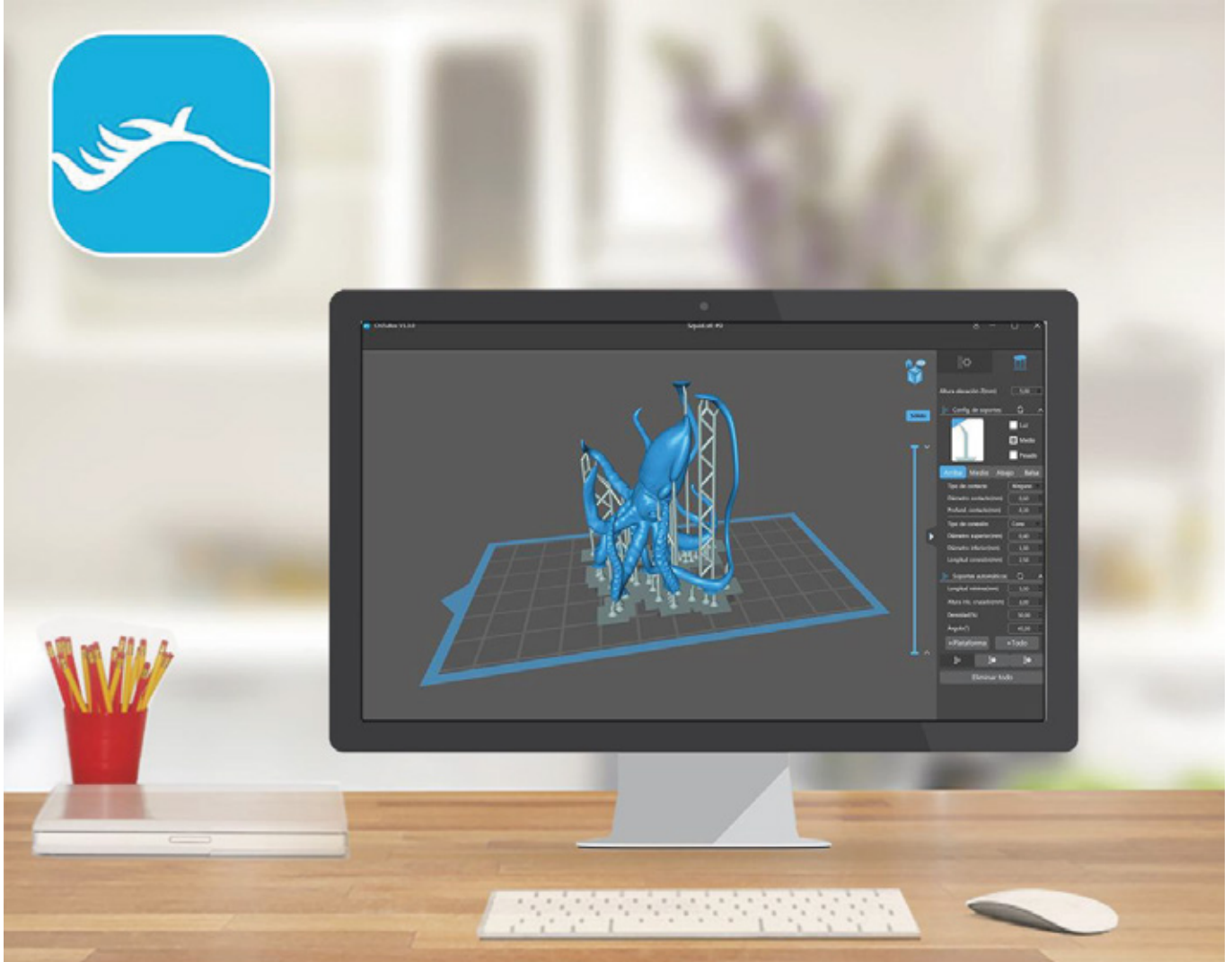
**Humanized design**

The vat has some friendly features. A pouring aid, a maximum fill level indicator to prevent overfilling, and four little bumps on the vat's bottom to prevent the delicate FEP film from any damage or spillage when it's outside the printer
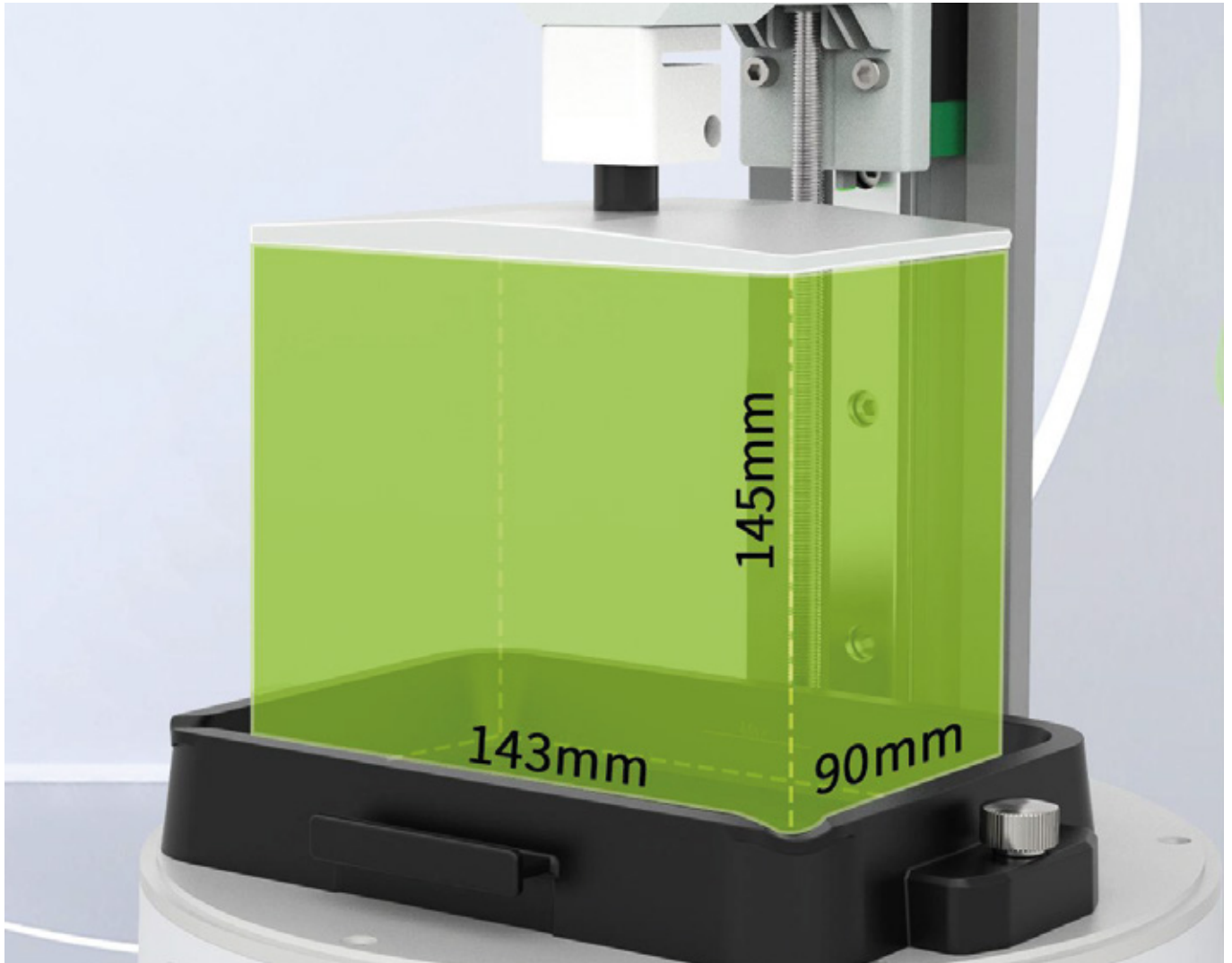
**Longerlife Span and Less maintance**

The LCD screen is covered with tempered glass for protection, and the monochrome LCD screen has 4 times longer lifespan than ordinary RGB LCD 3d printers, more stable performance, less maintenance, and cost savings.

## Compatible with Chitubox

Chitu Box has always been a very helpful companion when you use resin 3d printers.It is powerful, easy to use.New features are added to Chitubox software, such as an automatic support algorithm, model repair tool, easy object manipulation, and many other functions to realize the infinite possibilities of 3D printing.

**For Freedom to Make**

MINGDA Goldfish Mono 4K can print up to 143*90*145mm (HWD) at a time.

# Technical Specification

| | |
|---|---|
| Modeling technology | MLCD UV Photocuring |
| Print Accuracy | XY axis 0.035mm |
| Printing Speed | 20-30mm/h |
| Layer Thickness | 0.02-0.1mm |
| Build Volume | 143 x 90 x 145mm |
| Materials | 405nm Uv-resin |
| Screen | 4K Mono Screen |
| Single Layer Exposure Time | 1-2S |
| Exposure Intensity | 000μW/cm2 |
| Operation Screen | 3.5 Inch Touch Screen |
| Slicing Software | CHITUBOX |
| Rated Power | 54W |
| File Format | .stl, .obj |
| Connectivity | USB Memory |
| Machine Size | φ264x424mm |
| N.W. | 5.6kg |
| G.W. | 6.5kg |