Liquid Crystal MAGNA

It just works

Photocentric

Industrial, scalable, affordable.

Product Highlights

Build volume
510 x 280 x 350mm
(20.1 x 11 x 13.8")

86mm/h print speed
At 350µm layer thickness
volumetric speed up to 24l/h

Affordable
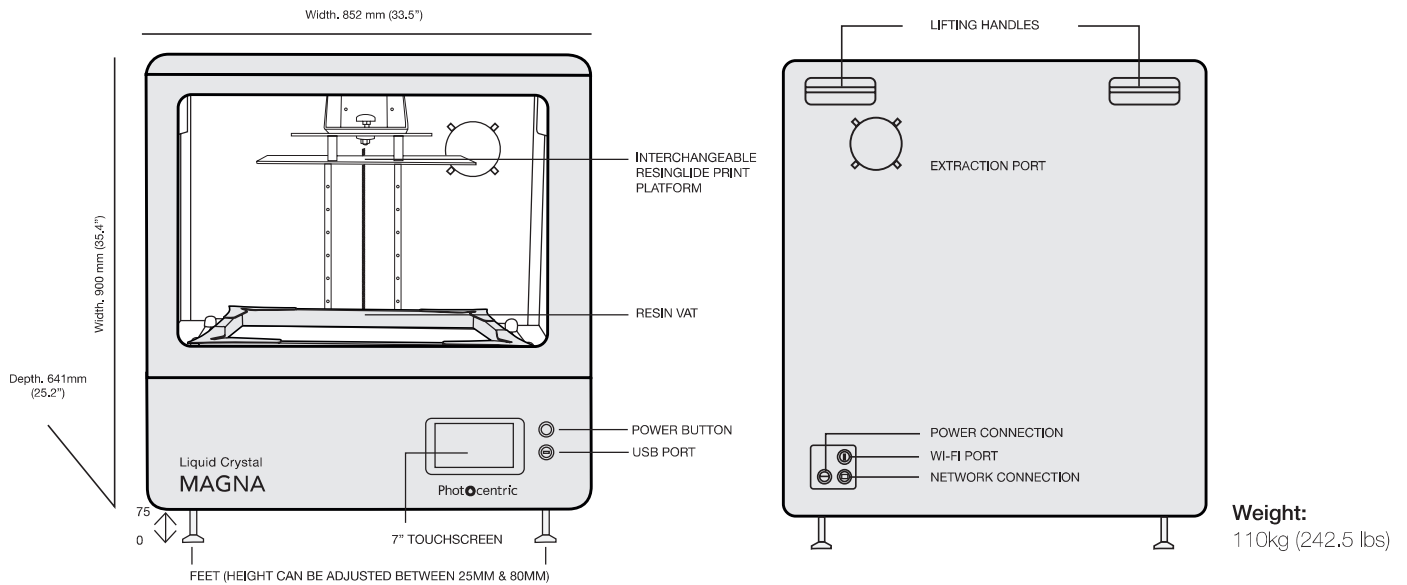Cost effective production

Reliable
Proven to keep working

Photocentric offers a full solution workflow with Magna, including Airwash L, Cure L, Daylight resins, design software, recycling options, carbon assessment, training and design consultancy.

Liquid Crystal MAGNA

Diagram labels:
- Width. 852 mm (33.5")
- Width. 900 mm (35.4")
- Depth. 641mm (25.2")
- INTERCHANGEABLE RESINGLIDE PRINT PLATFORM
- RESIN VAT
- POWER BUTTON
- USB PORT
- 7" TOUCHSCREEN
- FEET (HEIGHT CAN BE ADJUSTED BETWEEN 25MM & 80MM)
- Liquid Crystal MAGNA
- Photocentric

- LIFTING HANDLES
- EXTRACTION PORT
- POWER CONNECTION
- WI-FI PORT
- NETWORK CONNECTION

Weight: 110kg (242.5 lbs)

Full Technical Specifications - LC Magna v.2

Performance

- **Build volume:** 510 x 280 x 350mm (20.1 x 11 x 13.8")
- **Print layer thickness:** 25-350μm
- **4K screen:** 3840 x 2160 pixels
- **Print speed:** Up to 86mm per hour
- **Light output intensity:** 2mW/cm²
- **Light output wavelength:** 460nm Daylight
- **Patented Blow-Peel system:** Ensures reliable and fast printing
- **Vat leak sensor:** Alerts users to resin leak

User Interface and Operation

- Calibrated in the factory enabling quick set-up and installation on site
- Large capacitive touch 7-inch screen
- Integrated Photocentric control system for optimum performance and in-field updates
- Easy clean ResinGlide platform for minimising resin waste and maximising resin cleaner use life
- Extended screen life- no UV means no screen degradation.
- Comprehensive accessory box provided containing tools, spare consumables and cleaning equipment
- Two print platform options - slotted or with countersunk holes

Software

- Equipped with Photocentric STUDIO license
- VoxelDance Additive software available as a separate license

Connectivity

- Wi-Fi
- Ethernet
- USB 3.0 for fast file transfer

Construction

- Robust steel construction with solvent resistant powder coat finish
- Six PWM fans provide quiet, efficient cooling, enabling faster printing
- Custom design collimated and uniform LED backlights for high resolution and high accuracy

- Precision engineered components including HIWIN linear rails
- Trinamic motor drivers deliver extremely quiet and robust performance

- Weight: 110Kg (242.5lb)
- Power input: 110-240 VAC

Warranty and Certification

- 12 month warranty

AVAILABLE ON THIS PRODUCT **EXTENDED WARRANTY**

Liquid Crystal MAGNA

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MADE IN UK

LC Magna v.2 TDS 25/10/2023

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