



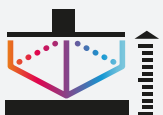
Liquid Crystal MAGNA

It just works



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.



www.b3d.com.au 1800 847 333

Perth Unit 3/158 Francisco St, Belmont WA 6104

Melbourne Unit A5/2A Westall Rd, Clayton VIC 3168

Brisbane Shop 2/474 Edward St, Spring Hill QLD 4000

Sydney Unit 7/192 Kingsgrove Rd, Kingsgrove NSW 2208

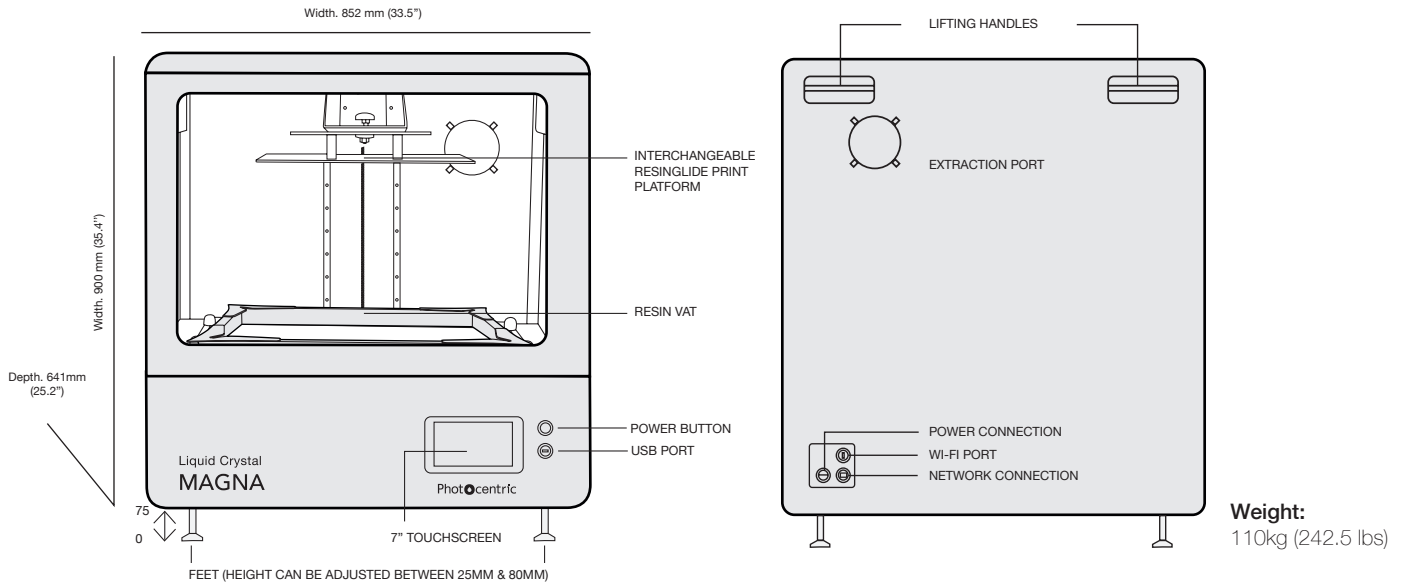
LC Magna Datasheet 20/02/2024





Liquid Crystal
MAGNA

Photocentric



Full Technical Specifications - LC Magna v.2

Performance	User Interface and Operation	Software
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Equipped with Photocentric STUDIO license VoxelDance Additive software available as a separate license
Connectivity		
<ul style="list-style-type: none"> Wi-Fi Ethernet USB 3.0 for fast file transfer 		
Construction		
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Precision engineered components including HIWIN linear rails Trinamic motor drivers deliver extremely quiet and robust performance 	<ul style="list-style-type: none"> Weight: 110Kg (242.5lb) Power input: 110-240 VAC
Warranty and Certification		
<ul style="list-style-type: none"> 12 month warranty 		



AVAILABLE ON
THIS PRODUCT
EXTENDED
WARRANTY



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MADE IN UK

LC Magna v.2 TDS 25/10/2023



THE QUEEN'S AWARDS
FOR ENTERPRISE
INNOVATION 2020



THE QUEEN'S AWARDS
FOR ENTERPRISE
INTERNATIONAL TRADE 2018