



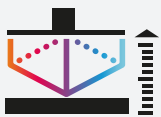
Liquid Crystal  
**MAGNA**

**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**

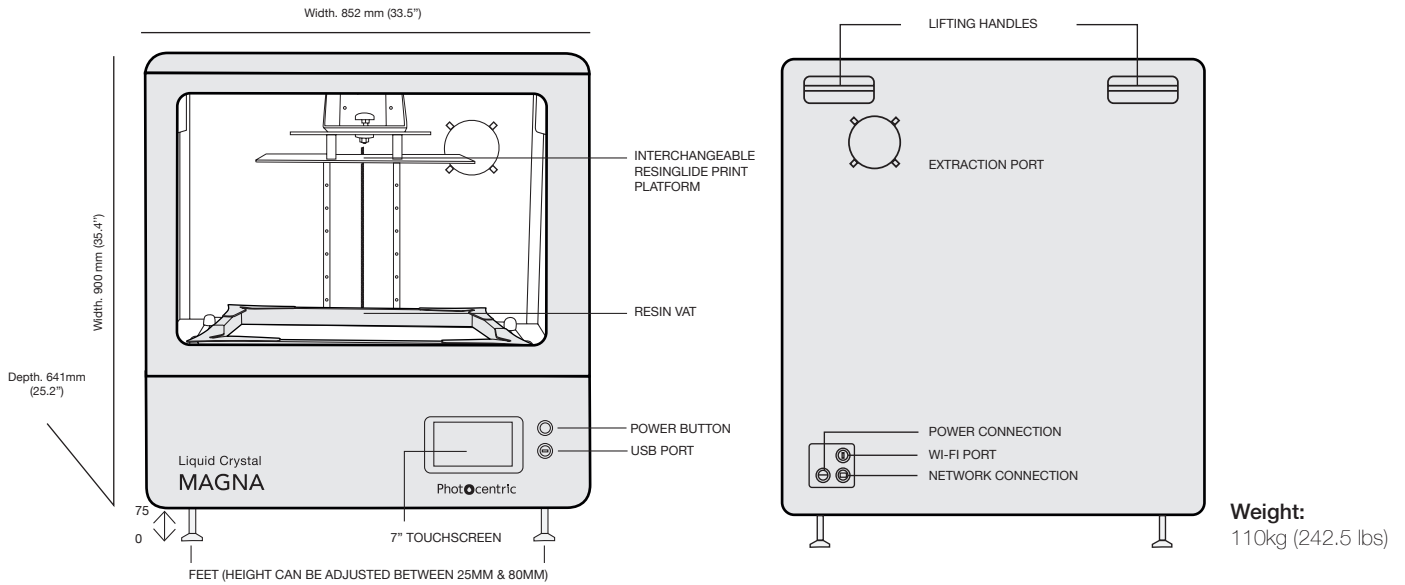
Proven to keep working

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.





Liquid Crystal  
**MAGNA**



## Full Technical Specifications - LC Magna v.2

Performance	User Interface and Operation	Software
<ul style="list-style-type: none"> <li><b>Build volume:</b> 510 x 280 x 350mm (20.1 x 11 x 13.8")</li> <li><b>Print layer thickness:</b> 25-350µm</li> <li><b>4K screen:</b> 3840 x 2160 pixels</li> <li><b>Print speed:</b> Up to 86mm per hour</li> <li><b>Light output intensity:</b> 2mW/cm<sup>2</sup></li> <li><b>Light output wavelength:</b> 460nm Daylight</li> <li><b>Patented Blow-Peel system:</b> Ensures reliable and fast printing</li> <li><b>Vat leak sensor:</b> Alerts users to resin leak</li> </ul>	<ul style="list-style-type: none"> <li>Calibrated in the factory enabling quick set-up and installation on site</li> <li>Large capacitive touch 7-inch screen</li> <li>Integrated Photocentric control system for optimum performance and in-field updates</li> <li>Easy clean ResinGlide platform for minimising resin waste and maximising resin cleaner use life</li> <li>Extended screen life- no UV means no screen degradation.</li> <li>Comprehensive accessory box provided containing tools, spare consumables and cleaning equipment</li> <li>Two print platform options - slotted or with countersunk holes</li> </ul>	<ul style="list-style-type: none"> <li>Equipped with Photocentric STUDIO license</li> <li>VoxelDance Additive software available as a separate license</li> </ul>
		Connectivity
		<ul style="list-style-type: none"> <li>Wi-Fi</li> <li>Ethernet</li> <li>USB 3.0 for fast file transfer</li> </ul>
Construction		
<ul style="list-style-type: none"> <li>Robust steel construction with solvent resistant powder coat finish</li> <li>Six PWM fans provide quiet, efficient cooling, enabling faster printing</li> <li>Custom design collimated and uniform LED backlights for high resolution and high accuracy</li> </ul>	<ul style="list-style-type: none"> <li>Precision engineered components including HIWIN linear rails</li> <li>Trinamic motor drivers deliver extremely quiet and robust performance</li> </ul>	<ul style="list-style-type: none"> <li>Weight: 110Kg (242.5lb)</li> <li>Power input: 110-240 VAC</li> </ul>
		Warranty and Certification
		<ul style="list-style-type: none"> <li>12 month warranty</li> </ul>



AVAILABLE ON  
THIS PRODUCT  
EXTENDED  
WARRANTY

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