



Liquid Crystal
MAGNA

Photo**centric**

It Just Works

Large Format Industrial LCD 3D Printer

LC Magna is expertly built for professionals who demand quality, reliability, and scalability. Its large build volume, industrial-grade performance, and seamless workflow integration make it the perfect choice for businesses looking to scale up their production. With LC Magna, you get a proven platform that delivers results.

Product Highlights



Large Build Volume

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

Print bigger and faster with a substantial build area, enabling high-throughput production.



Industrial-Grade Reliability

Designed for continuous operation with dependable performance in production environments - featuring our patented Blow-Peel technology for fast and reliable printing.

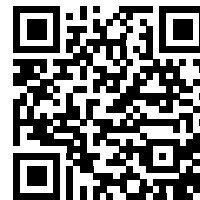


Fast Print Speeds

Reduce production time with up to 86mm/hr speed, all while maintaining quality, and resolution making it a cost-effective solution.

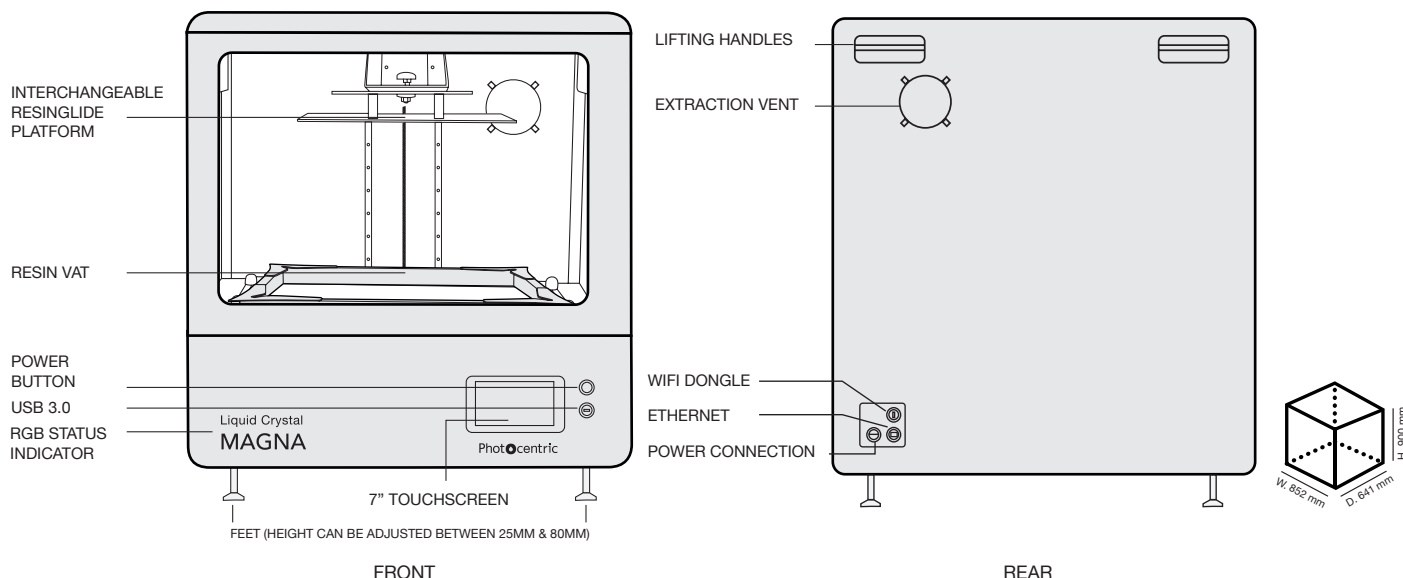


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For further information

Key Features



Full Technical Specifications

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 (23.8") XY Resolution: 137 µm Print speed: up to 86mm per hour (3.39" per hour) Light output intensity - LCD screen: 2mW/cm² Light output wavelength: 460nm Patented Blow-Peel technology: Ensures reliable and fast printing Vat leak sensor: Alerts users to resin leak 	<ul style="list-style-type: none"> Factory calibrated enabling quick set-up and installation on site Large capacitive 7" touchscreen Photocentric Crystalliser control system for optimum performance and in-field updates Interchangeable ResinGlide platform allows easy cleaning and less resin waste Remote control via web interface Comprehensive accessory box provided containing tools, spare consumables and cleaning equipment 	<ul style="list-style-type: none"> Supplied with a complementary perpetual Photocentric STUDIO license. VoxelDance Additive software available as a separate license
Construction	Input Requirements	Connectivity
<ul style="list-style-type: none"> Weight: 110kg (242.5lbs) Robust steel construction with durable powder coat finish 6 PWM fans ensure reliable, efficient, and quiet cooling, supporting fast and reliable production cycles Precision engineered components including HIMIN Linear rails Trinamic motor drivers deliver robust performance Custom design collimated and uniform LED backlights for high resolution and high accuracy 	<ul style="list-style-type: none"> Average power consumption: 500w Power consumption at peak operation: 1.3kW Power input: 100-240 VAC 7-13.5A 	<ul style="list-style-type: none"> Wi-Fi Ethernet USB 3.0 for fast file transfer
Our Comprehensive Ecosystem	Warranty	
<p>Designed to work seamlessly with LC Magna, our comprehensive ecosystem enables you to further enhance your printing experience</p> <ul style="list-style-type: none"> Air Wash L and Cure L2 for seamless postprocessing Wide range of affordable functional resins Service plan options available Expert design support service 	<ul style="list-style-type: none"> Warranty period of 12 months as standard Extended warranty is available 	