

# A UNIQUE SOLUTION FOR CERAMIC AND COMPOSITE PARTS 3D PRINTING



**PRODWAYS**  
TECHNOLOGIES

## ProMaker V6000

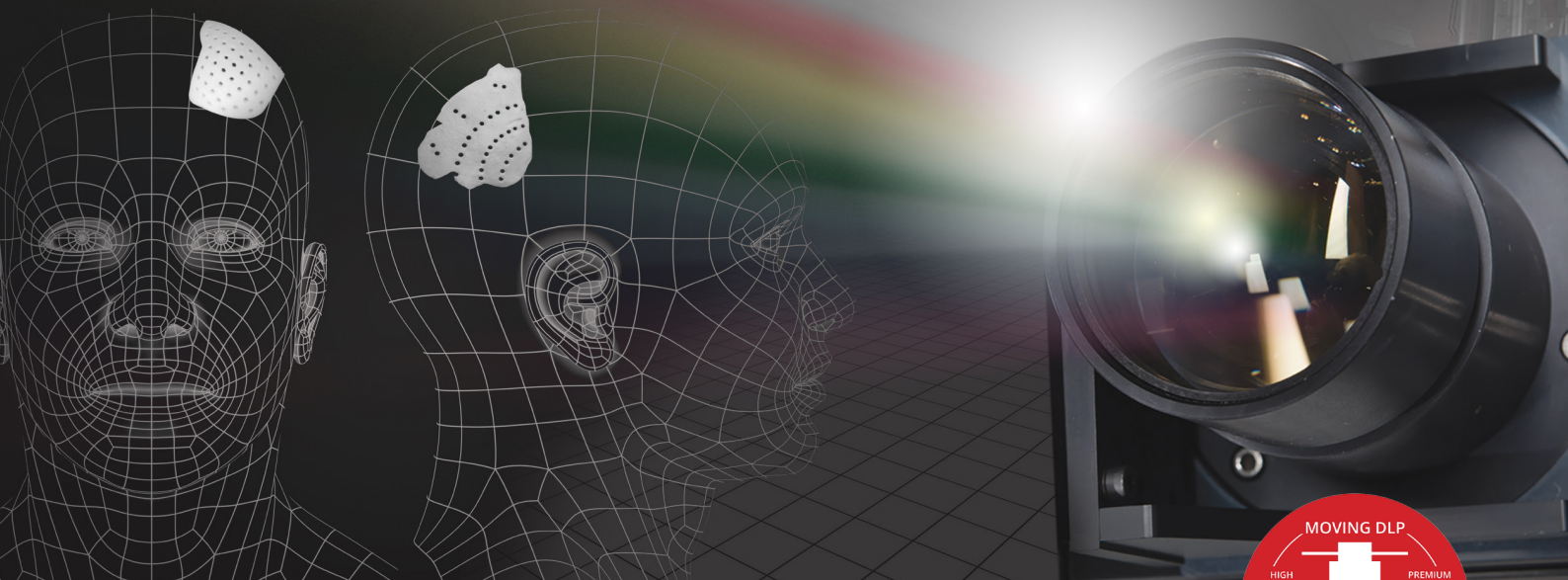
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### SPECIFICALLY DESIGNED FOR COMPOSITE PARTS

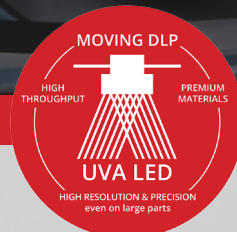
Prodways' exclusive MOVINGLight® UV polymerization technology, based on photo-polymerization of resin via moving DLP® heads, is designed to process premium composite materials in the form of highly charged pastes, with unparalleled throughput and resolution. In particular, the ProMaker V6000 system makes it possible to 3D print parts from ceramic pastes with exceptional levels of quality, precision and ceramic density - reaching up to 99% after debinding and sintering - for a large array of applications in industries such as medical, electronics, or jewelry.

### NEW OPPORTUNITIES FOR INNOVATION

MOVINGLight® technology's unique capacity to process composite materials combined with Prodways open material strategy also provides Research & Development centers with the means to develop new applications with high charges of ceramic, metal, fibers, or nano-particles to explore new 3D printing applications.



**MOVINGLight® TECHNOLOGY: UNPARALLELED SPEED AND PRECISION IN 3D PRINTING**



## ProMaker V6000 TECHNICAL SPECIFICATIONS

Max Build Envelope Size (LxWxH)	120 x 150 x 150 mm 5 x 6 x 6 inches	120 x 350 x 150 mm 5 x 14 x 6 inches	120 x 500 x 150 mm 5 x 20 x 6 inches
Number of DLP® heads	1		
DLP® heads resolution	1920 x 1080 pixels		
Native pixel size (X, Y)	~790 DPI ~32 µm (0.0012 inches)		
Layer thickness *	25 - 150µm 0.001 to 0.006 inches		
Buil platform type	Granite		
Printer size (LxWxH)	1845 x 1100 x 1850 mm 73 x 43 x 73 inches		
Weight	800 Kg 1760 lbs.		
Power requirements	210-240 VAC, 8-12 A, 50-60 Hz		
Workshop compatibility	Windows 7		
Certification	CE		

\*material dependant

By choosing one of our ProMaker machines, you're also accessing our vast technical knowledge and a wide range of available services to help optimize production and maximize profitability.  
**TRAINING • MAINTENANCE • HOTLINE AND ON-SITE ASSISTANCE • SPECIFIC DEVELOPMENT**

**PRODWAYS**  
THE NEW WAY OF PRODUCING

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