A UNIQUE SOLUTION FOR
HIGHLY VISCOUS MATERIALS

PRODWAYS
THE NEW WAY OF PRODUCING

ProMaker **V6000**
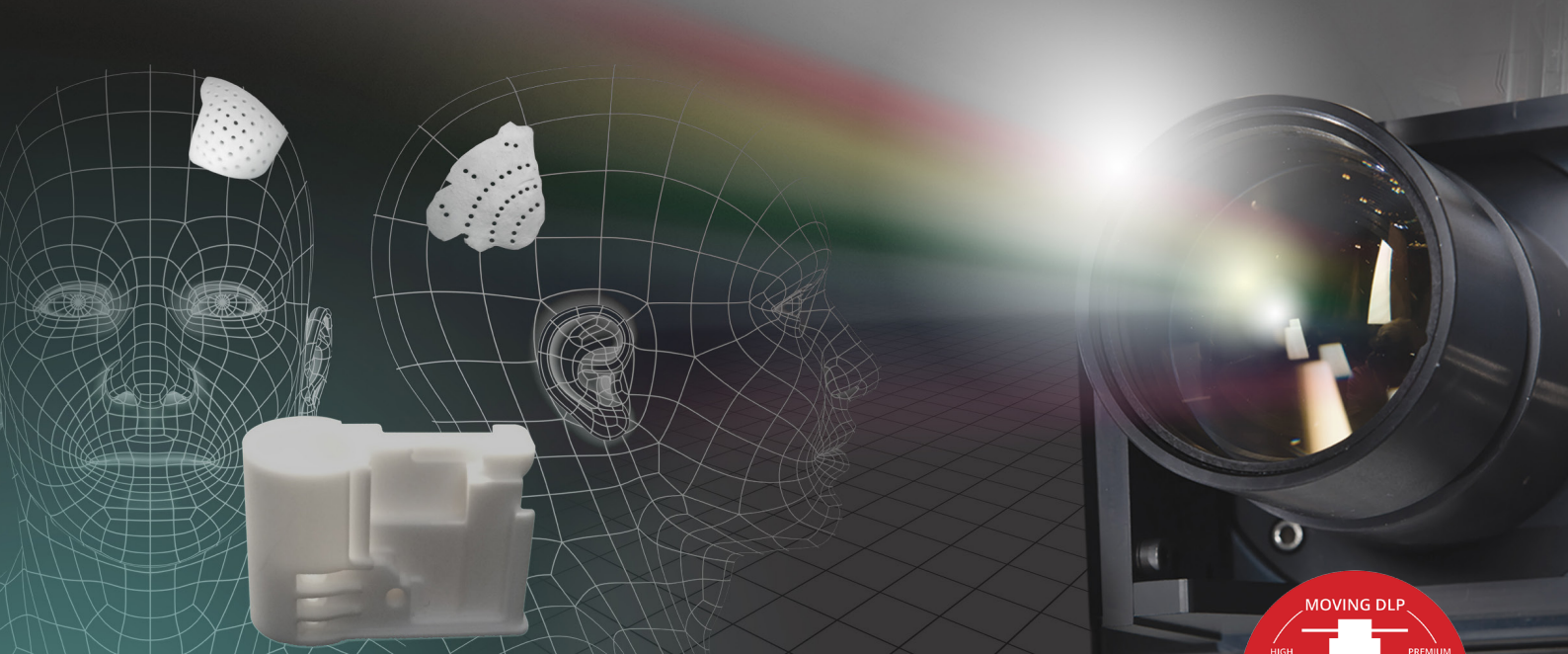
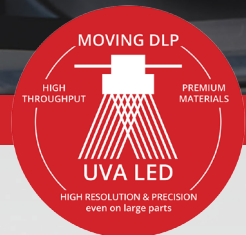### SPECIFICALLY DESIGNED FOR COMPOSITE PARTS

ProMaker V6000 is able to process highly viscous materials, combining high throughput with unparalleled resolution, making it the perfect solution for manufacturing composite parts - particularly ceramic and zirconia. ProMaker V6000 can produce parts with with very high density, reaching 95-99% for ceramic.

A UNIQUE SOLUTION FOR MANUFACTURING

The range of products that can be produced by this high performance machine is ever-increasing with the introduction of new and innovative materials, such as premium composites and hybrid materials with impressive mechanical properties (resistance and elasticity), physical properties, aesthetic properties (color and transparency, for example), and stability over time. The ProMaker V6000 is capable of maximizing productivity and precision, which results in better parts and more profitable manufacturing.

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

MOVING DLP

HIGH THROUGHPUT — PREMIUM MATERIALS

UVA LED

HIGH RESOLUTION & PRECISION
even on large parts

A UNIQUE SOLUTION FOR HIGHLY VISCOUS MATERIALS

No other machine on the market today allows for the usage of premium materials with the degree of detail and precision achieved by the ProMaker V6000. The key is our proprietary MOVINGLight® technology - an incredibly accurate, high-resolution UVA LED DLP system.

UV polymerization of liquid materials and composites in the form of pastes containing high levels of ceramic, metal, fibers, or nano-particles provides Prodways with the means to develop new applications with mechanical properties that have not yet been explored in 3D printing, such as resistance to extremely high temperatures, flexibility, etc...

ProMaker V6000 TECHNICAL SPECIFICATIONS

Net build volume	120 x 500 x 150 mm 5 x 20 x 6 inches	120 x 350 x 150 mm 5 x 14 x 6 inches	120 x 150 x 150 mm 5 x 6 x 6 inches
Number of heads	1		
Footprint (LxW)	3020 x 2980 mm (9m²) 119 x 118 inches (97 sq. ft.)		
Native resolution (X, Y, Z)	784 x 784 x 1016 DPI ~32 µm (0.0012 inches)		
Layer thickness	25 - 150µm 0.001 to 0.006 inches		
MOVINGLight® heads	1920 x 1080 pixels		
Platform	Granite		
Size (LxWxH)	1845 x 1100 x 1850 mm 73 x 43 x 73 inches		
Weight	800 Kg 1760 lbs.		
VAT Volume	N.A.		
Power requirements	220 - 240 VAC, 12 A, 50/60 Hz		
Workshop compatibility	Windows 7/8		
Certification	CE		

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

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