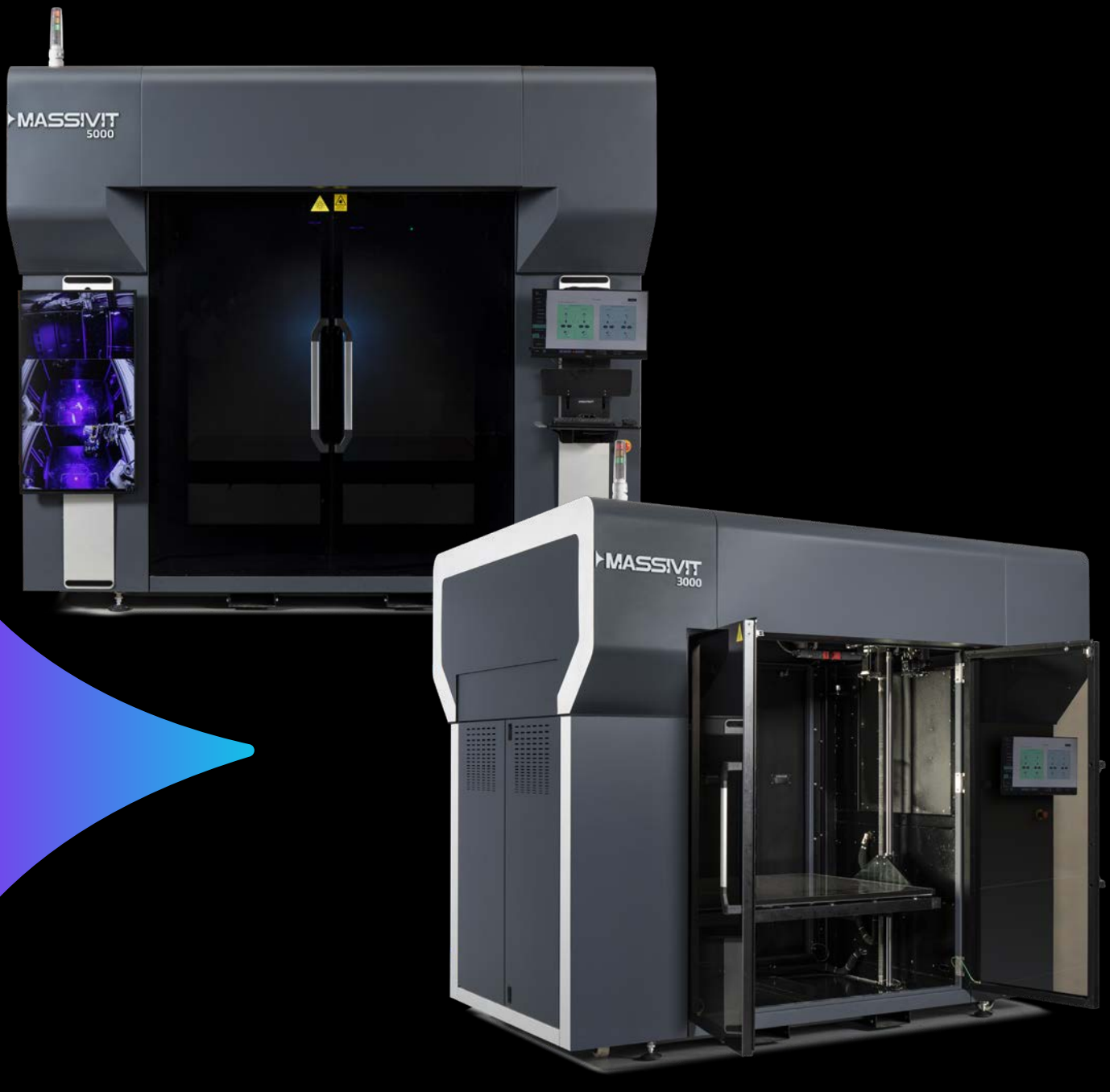
MASSIVIT

Gel Dispensing Printing

Simplifying Large-Part Manufacturing

High-Speed. Cost-Effective. Industrial 3D Printing.

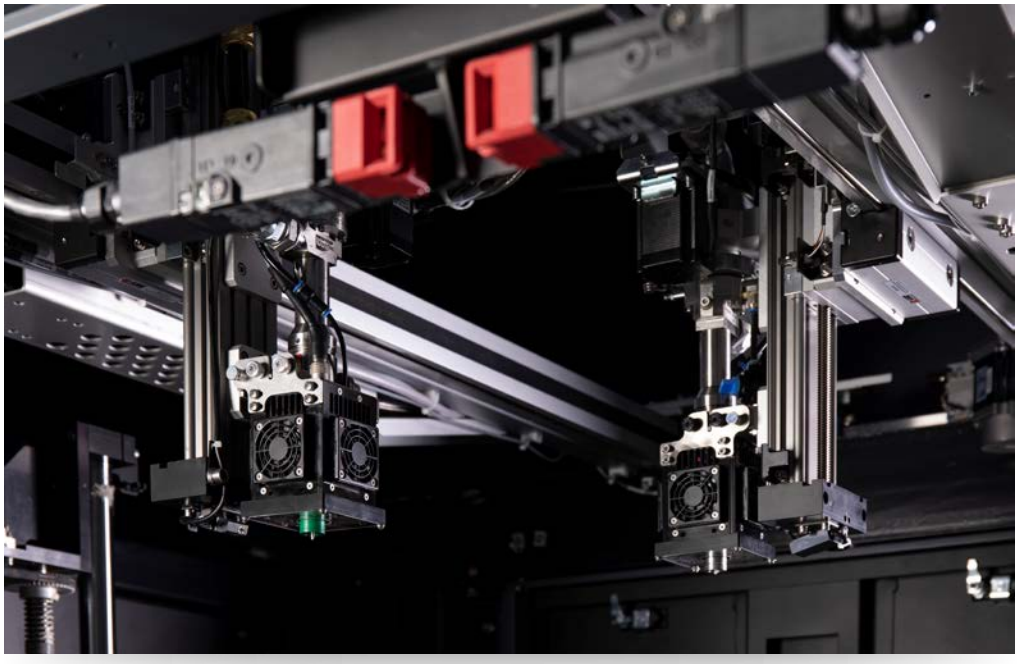


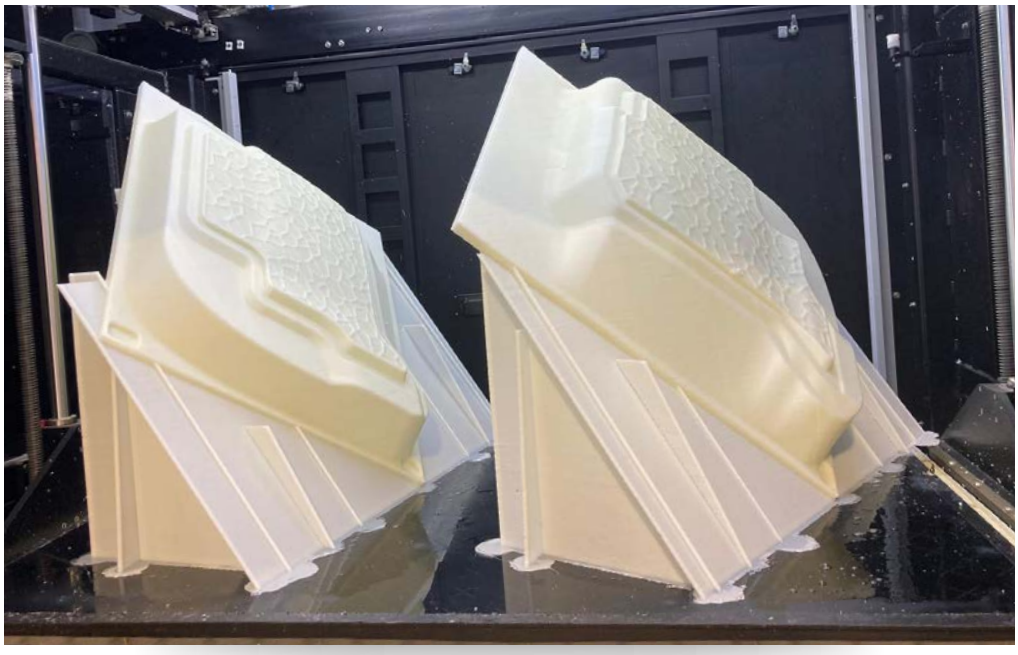
The Go-To Solution for Large-Part Manufacturing

Massivit's Gel Dispensing Printing (GDP) technology redefines large-scale manufacturing, providing ultra-fast 3D printing of full-scale custom parts and prototypes. GDP powers a new era in efficient, cost-effective manufacturing.

Simplifying Manufacturing of Large Components

Installed in over 40 countries, GDP technology is trusted across industries including aerospace, automotive, marine, theming, and visual communication. This advanced technology simplifies manufacturing workflows and accelerates time-to-market. GDP serves as the foundation of Massivit's widely adopted large-format 3D printers — the **Massivit 5000** and **Massivit 3000**.





Unmatched Speed and Scale

Based on advanced gel-based printing materials combined with sophisticated software, GDP provides a breakthrough in large-format 3D printing, allowing for **direct printing of large, complex components — within hours instead of weeks**.

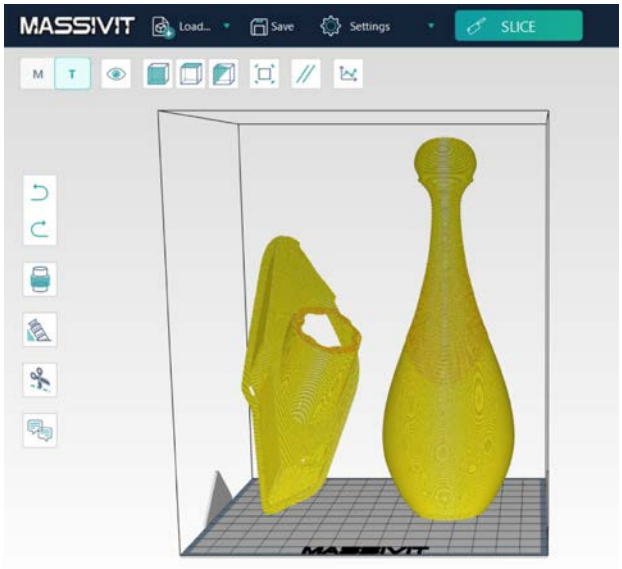
At its core, the technology leverages a high-viscosity photo-curable printing gel called Dimengel. The gel solidifies instantaneously upon deposition under UV light. This enables high-speed production of large components without the constraints of traditional layer-by-layer printing. It allows for creation of complex geometries - including intricate undercuts, massive structures, and lightweight hollow components, bypassing the need for traditional lengthy tooling.

Eco-Friendly Manufacturing

Unlike conventional 3D printing methods such as SLA (stereolithography) or powder-based printing, GDP eliminates the need for slow, layer-by-layer curing or material sintering, drastically reducing production times. Similarly, methods reliant on filament or pellet-based thermoplastic materials like ABS and PLA often require extensive post-processing and support removal, adding complexity and cost. GDP, on the other hand, **minimizes material waste** by dispensing only the necessary gel, using minimal support.

End Parts & Prototypes at Scale

Massivit's lightweight, durable materials empower manufacturers to produce robust end parts for sectors such as marine, railway, and recreational vehicles as well as full-scale functional prototypes. Additionally, GDP is widely adopted in the visual communication sector for production of unique retail, advertising, and experiential theming installations.



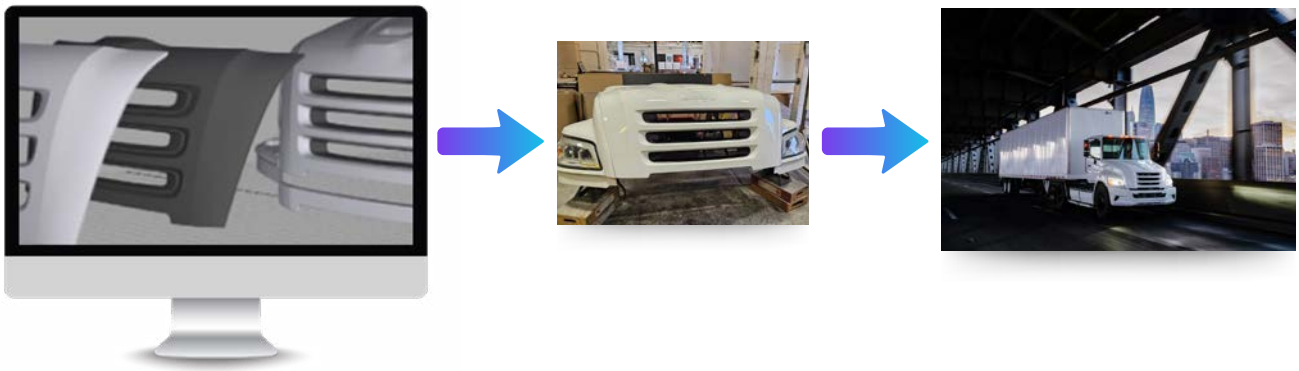
Build Volume:

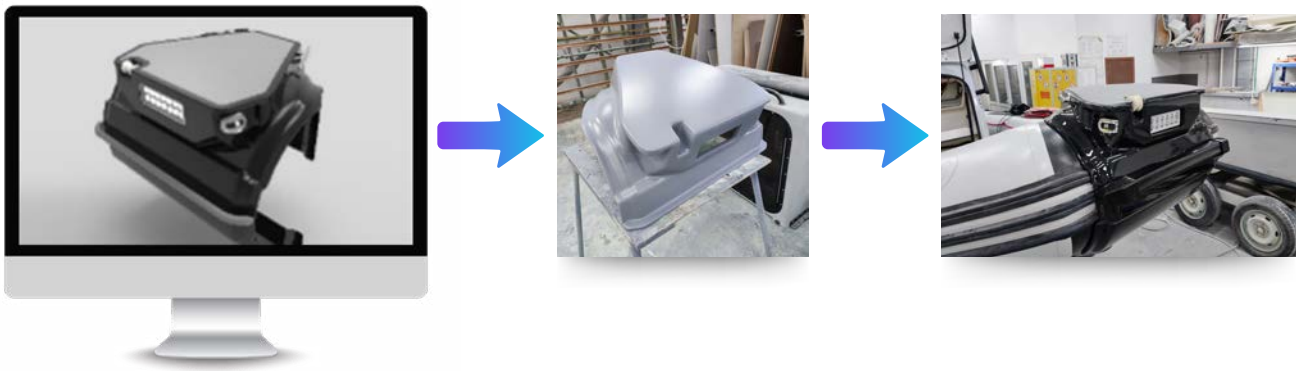
57" x 43.7" x 70.8" / 1450 mm x 1110 mm x 1800 mm

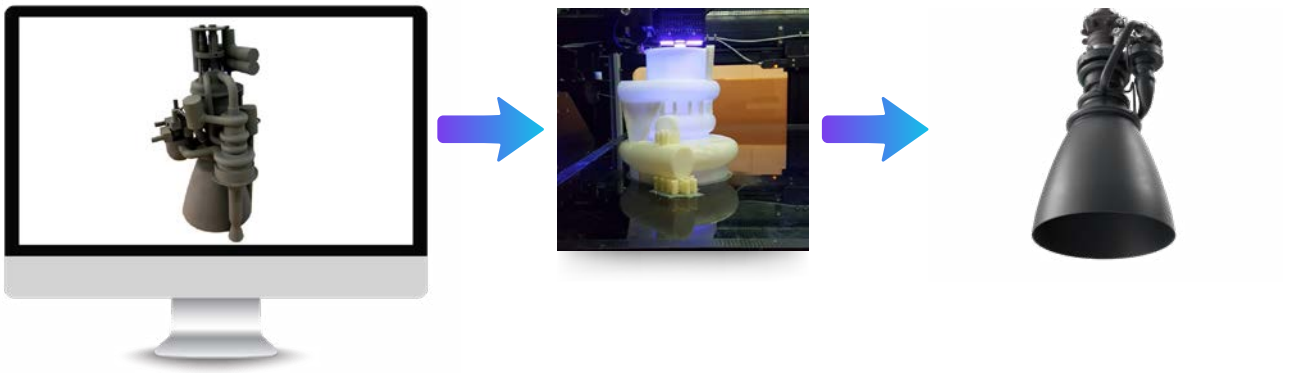
GDP Industries

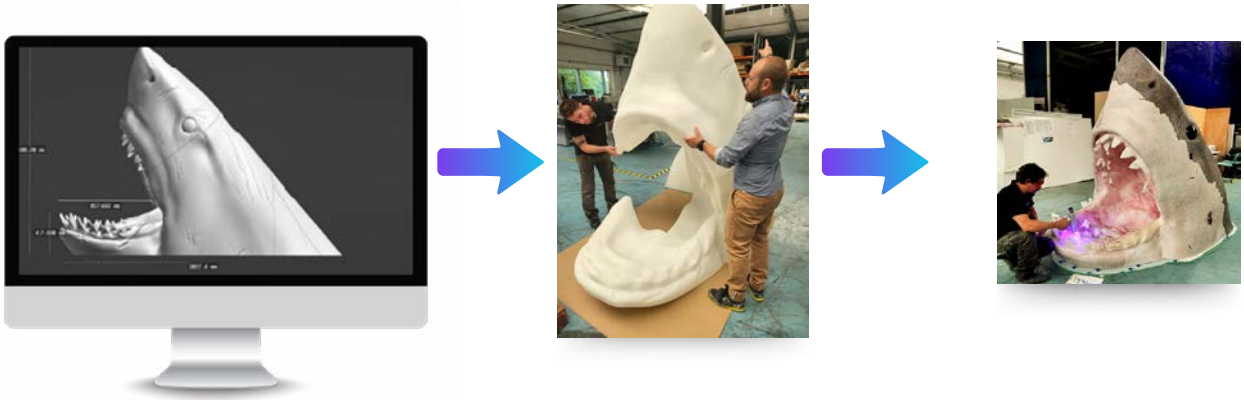
- Aerospace & Defense
- Automotive & Mobility
- Marine
- Recreational Vehicles
- Theming & Scenic Fabrication
- Visual Communication

GDP Applications – Custom Manufacturing & Prototyping









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Massivit GDP Portfolio - 3D Printers

Printer	Massivit 3000	Massivit 5000
Printing Heads	Single	Double
Material Systems	Single	Double
Materials	Dim 90 / Dim 100 / Dim 300	Dim 90 / Dim 100 / Dim 110 / Dim 300 / Dim 400
Printing Resolution	0.8 mm / 1.0 mm / 1.3 mm	0.5 mm / 0.8 mm / 1.0 mm / 1.3 mm / 1.5 mm
Technology	GDP	GDP
Upgradeable	No	Full
Printing Modes	3	5
Smart AI Image Recognition	√	√
Variable Resolution	X	√
Live Printing Broadcasting	X	√

Software Features		
Free-Form-Ribs	√	√
Auto Ribs	√	√
Auto Orientation	√	√
Quality Mega	√	√
Mold Mode	X	√

Printer Features		
Job Notes	X	√
Industry 4.0 Compliant	√	√

Versatile Materials for a Range of Industries

GDP Materials

Dimengel 90
Cost-effective

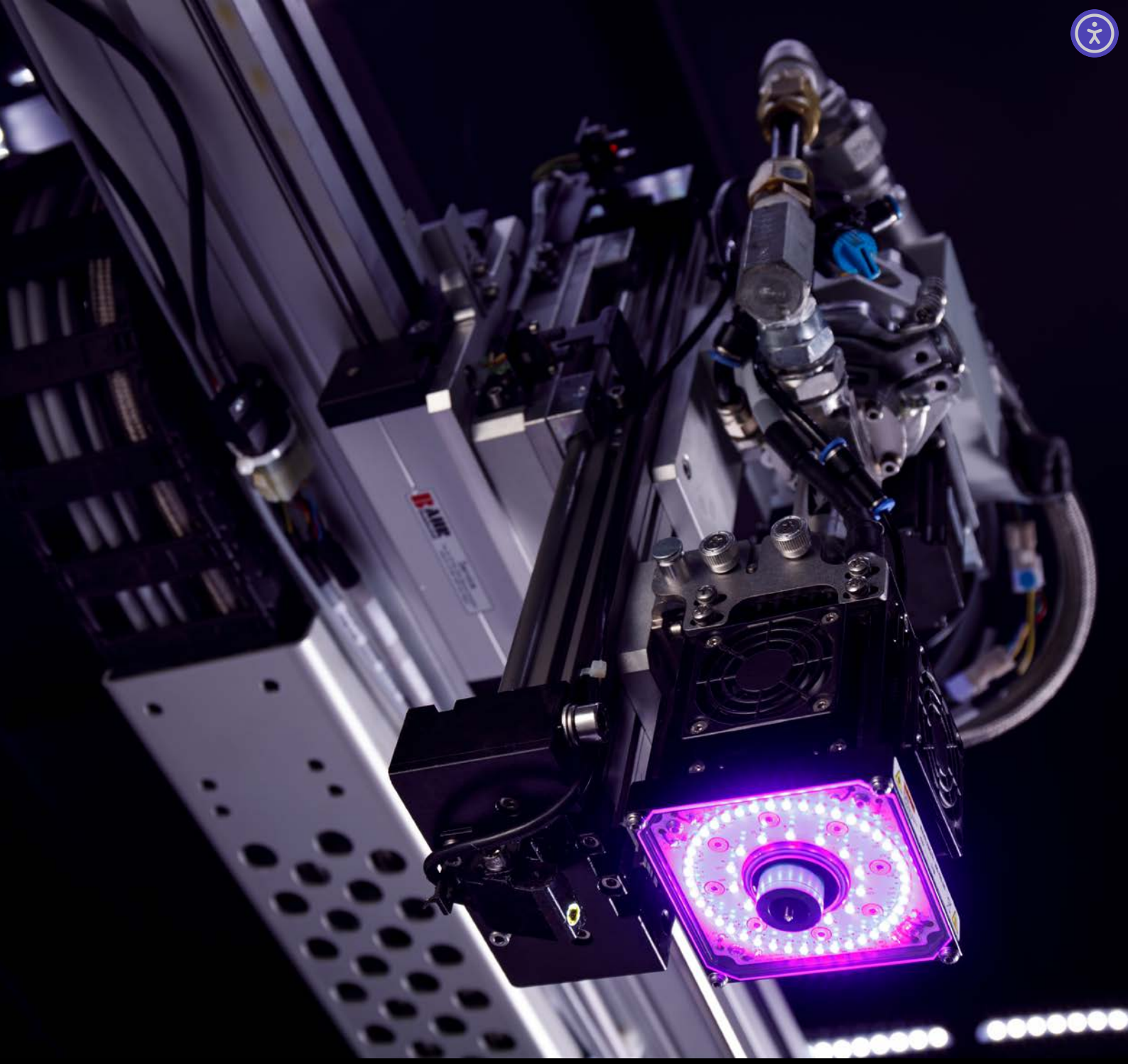
Dimengel 100
General purpose

Dimengel 110
High performance

Dimengel 300
Transparent

Dimengel 400
Enhanced Impact & HDT

Massivit 3D Printing Technologies Ltd. (Tel Aviv Stock Exchange: MSVT) is a leading provider of industrial 3D printing systems for markets including automotive, aerospace, defense, marine, theming and visual communications. The company's vision is to simplify the manufacturing of large components by combining industrial-grade materials with fast & reliable additive solutions. The company was founded in 2013 and its headquarters are based in Lod, Israel.



GDP Applications Project Credits:

RC8 Tern Truck Grill Printed by Figure Plant for Hexagon Purus & Hino trucks

Carbon Zodiac by Velum Nautica

3T Rocket Engine Prototype by 3D Next Level

Giant Shark Printed by Distri-Com & France 3D

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