

## DYEMANSION AND PLM START A STRONG PARTNERSHIP IN THE NORDIC-BALTIC 3D-PRINTING MARKET

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*As global leader for Additive Manufacturing finishing systems, DyeMansion is the perfect match to partner with PLM group, a well-known reseller of industry leading 3D-printers in the Nordic-Baltic region. This promising partnership extends PLM's portfolio with state-of-the-art finishing solutions, while the Germany-based company gains the first authorized reseller in the Nordic-Baltic region.*

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*LTR: Gøran Jenssen (Business Unit Manager 3D Printing at PLM group) and Greg Gracki (Global Sales Channel Manager at DyeMansion GmbH) at Formnext exhibition in Frankfurt, Germany*

11.02.2020 (Munich/ Roskilde) - PLM Group, collaborating already with 3D-printing companies like HP, 3D Systems, Markforged and Materialise, from now on will offer the full range of DyeMansion's finishing solutions in the Nordics and Baltics. The DyeMansion Print-to-Product workflow provides automated, manufacturing-ready end-to-end solutions for the cleaning, surfacing and coloring of 3D-printed plastics. DyeMansion's technology is certified for various industries and combines industry-



leading hardware and reproducible processes with the widest range of color options on the market.

Gøran Jenssen, Business Unit Manager of 3D Printing at PLM Group says “Our aim is to create efficient solutions for any industry need and that’s why we decided on DyeMansion, as they have the best and most flexible industrial solutions for post-processing available on the market. The partnership with DyeMansion enables us as the first company in the Nordic-Baltics region to offer our customers the complete 3D-printing process chain - from design and printing to the right finishing options according to their needs.”

## **PLM COMPLETING THEIR 3D-PRINTING PORTFOLIO WITH DYEMANSION’S FINISHING TOUCH**

Besides selling industry leading 3D-printers from 3D Systems or HP since 2014, PLM offers 3D-design and simulation software. Already in 2009 PLM Group was established with the merger of five leading SolidWorks Value Add resellers. The merger was completed in 2012. Now DyeMansion comes into place and completes PLM’s AM value chain with industrial post-processing to achieve end-use applications with industrial 3D-printing.

DyeMansion’s post-processing systems will be installed at the premises of PLM group, so that customers can see the workflow running and convince themselves about the results on-site. The Print-to-Product workflow at PLM consists of the following three DyeMansion hardware systems:

### **DYEMANSION POWERSHOT C**

#### **Easy and efficient part cleaning**

Compared to manual blasting cabins the DyeMansion Powershot C is equipped with a rotating basket for automated cleaning. Two simultaneously working blasting nozzles remove the powder in an efficient way, which increases the productivity and treats the surface gently at the same time. A configurable timer allows a constant and fast batch processing.



## **DYEMANSION POWERSHOT S**

**PolyShot Surfacing - the most efficient surfacing technology for end-use parts with superior coloring results**

The process is the main basis for maximizing coloring results. Shooting beads accelerated with compressed air equalizes the peaks and lows of the surface, achieving a more homogenous part quality. This method delivers a unique semi-gloss look and pleasant haptics for the majority of 3D-printed end-use applications. Especially in the consumer sector and for many technical applications the improved scratch resistance and soft haptics lead to higher wearing comfort and an extended product life cycle.

## **DYEMANSION DM60**

**DeepDye Coloring - the leading coloring solution for industrial Additive Manufacturing**

DeepDye Coloring offers unlimited color choices from a standardized data base to tailor-made recipes. The power lies in the color cartridges, which are manufactured with exact color recipes down to the microgram, considering the base material, finish and desired color of the end-use part. This enables an industrial process that could not be easier for the user and can be reproduced at any time. ISO-certified colors round off the picture of DyeMansion as the trusted technology partner for biocompatible eyewear or medical orthoses as well as for light- and heat resistant automotive interiors.

With the **Powerfuse S**, DyeMansion's brand-new VaporFuse Surfacing process a second finishing option has been introduced, recently. It was showcased to the public for the first time at Formnext 2019 and now the first systems are already on their way to customers. VaporFuse Surfacing is the Clean Vapor Technology for parts challenging injection molding. It delivers sealed and washable parts with the surface roughness reduced to a minimum. The DyeMansion Powerfuse S offers fully automatic loading, connectivity and batch tracking features. It works for all common plastics and particularly for flexible polymers such as TPU, for which mechanical techniques are not suitable. DyeMansion's VaporFuse Eco Fluid solvent is approved for the processing of plastics with food contact according to regulation (EU) 10/2011.

Of course, also the new system and further available add-on solutions, can be ordered through PLM group.



*DyeMansion Print-to-Product hardware platform. LTR: Powershot C, Powershot S, Powerfuse S and DM60*

## **A STRONG PARTNERSHIP BASED ON SIMILAR VALUES WITH LOCAL TECHNICAL SUPPORT**

PLM group is not only a certified DyeMansion reseller but will also be the first point of contact for customers in the Nordic-Baltic region and can deliver technical support for installations, troubleshooting and maintenance.

PLM Group has 20 years' experience of helping engineers and product developers making inspirational, high-quality products better, faster and more cost-effective. Values and aims that match those of DyeMansion. The drive of the Munich post-processing experts is to find the right finish for every end-use application across all industries. To name a few more advantages, their technology works with various industrial 3D-printing technologies like SLS, MJF/HSS and FDM, most common plastic materials and every part geometry.



## **ABOUT PLM GROUP**

PLM Group assists manufacturing companies in building sustainable business models by digitizing and connecting their value chains. We integrate companies, customers and suppliers to one united business platform. Through our network of partners in software, 3D printing and manufacturing equipment, we create efficient solutions for any industry need. Our focus on value adding business development is something we share with our owner, LMT Group.

*Website:* [www.plmgroup.eu](http://www.plmgroup.eu)

## **ABOUT DYEMANSION**

DyeMansion is the global leader in Additive Manufacturing finishing systems that turn 3D-printed raw parts into high-value products. From perfect fit eyewear to personalized car interiors, our technology makes 3D-printed products become a part of our everyday life. Starting in 2015 with the first industrial coloring solution for powder bed fusion parts, we extended our portfolio with advanced part cleaning and surfacing solutions for a wider range of 3D-printing technologies in the field of plastics. Today, our Print-to-Product workflow combines industry-leading hardware with the widest range of color options on the market. Our Industry 4.0 ready systems can be integrated seamlessly into your production. The ability to provide a flexible solution for both small batches and high volumes makes us a trusted partner for your future factories. Through close collaboration with our customers across all industries, our technology and expertise continuously grow with the market. Reduced cost per part, unmatched quality, and high sustainability are core values that drive each and every innovation we develop. In addition to these principles, finding the right finish for every application is what drives us.

*Website:* [www.dyemansion.com](http://www.dyemansion.com)



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