



DWS Takes Bold Steps to Widen Its Additive Manufacturing Leadership and Presence Globally

- **Extends its industrial and dental portfolio adding new printers and materials**
- **Announces strategic manufacturing and marketing partnership with XYZprinting**
- **Expands its sales and marketing operations into North-America**

THIENE, Italy and VENTURA, California, Nov. 9, 2017, DWS, a trusted Stereolithography pioneer and leader that is making additive manufacturing 4.0 real for everyone, today announced several bold steps that are designed to extend its additive manufacturing leadership and presence globally. The company is bringing to FormNext four new advanced SL printers including the first ever fully automated high-speed all-in-one Stereolithography manufacturing cell. The company also revealed details of its ground-breaking partnership with one most dynamic additive manufacturing leaders, XYZ printing that is designed to accelerate the adoption of professional desktop 3D printers. Finally, DWS shared that in move to decisively expand its geographical coverage, it teamed up with XponentialWorks and opened a new facility and showroom in California to immediately expand its reseller network and provide local sales and marketing coverage throughout North America.

“This is a very exciting and defining moment for our company”, said Maurizio Costabeber, General Manager of DWS. “For over two decades we have been pioneering and disrupting segments of industry with our innovative Stereolithography systems and materials to the benefit of our customers” continued Costabeber. “Today we are taking bold steps to make additive manufacturing 4.0 real and affordable through our ground-breaking new products and our significantly expanding global presence,” concluded Maurizio.

1. DWS Substantially Expands Its Product Portfolio from the Desktop to the Production Floor

DWS, today announced a significant expansion of its industrial strength family of professional and dental 3D printers, materials and software bringing four new printers and two new materials to FormNext.

DWS is committed to digitizing the entire design and manufacturing process focusing its expertise on dental and medical, jewelry and luxury goods, automotive and aerospace with price points and performance attributes that cover the entire professional user base from SME’s and dental lab to large Industrial companies.

The expanded product portfolio firmly consolidates DWS leadership in high-productivity additive solutions, with favorable ratio of speed to building envelope and scalable resolution that together delivers ready-to-use parts. This is the most complete portfolio of industrial-strength products, materials and software on the market today and effectively addresses the most demanding mission critical applications.

2. DWS Unveils the First Ever Fully Automated Hi-Speed 3D Printer

DWS, today unveiled the XCELL 3D, the first ever fully automated high-speed integrated all-in-

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one Stereolithography manufacturing cell that delivers seamless push-button solution from file to part.

The revolutionary XCELL takes DWS legendary print quality to a new level using a new printing process that delivers both outstanding speed, precision and post processing integration within a single manufacturing cell.

The XCELL automated 3D printer can deliver direct casting molds, and ready to use parts using DWS tailored polymers at standard manufacturing tolerances as well as at the most demanding dental and jewelry resolution. The integrated All-In-One solution delivers greater print speed and eliminates the labor associated with washing and curing manual labor altogether. Simply load a file and click the print button and the printer will autonomously print, wash, cure and deliver a ready to use part at a fraction of the time it takes using other printers. For greater ease-of-use, DWS also integrated its revolutionary XPOD cartridge, a clean and simple systems that speeds up the entire process and facilitated fully autonomous printing.

XCELL is the tool of choice for heavy duty applications where productivity is a must and industry 4.0 the standard.

3. DWS Decisively Expand its Professional-Grade Desktop Offering with Three New 3D Printers

DWS, today announced that it is decisively expanding its professional-grade desktop offering with two new models. In a direct response to its customer's request, DWS is leveraging its successful professional-grade XFAB desktop 3D printer to introduce three new models; the XFAB 2000; and the XFAB 2500 and XFAB 3500.

The new XFAB 2000 leverages DWS innovative XFAB desktop platform and is equipped with the latest professional grade printers technology, including proprietary integrated vat optimizing management and our new generation of BluEdge laser. It is the ideal 3D printer to achieve ready to use smooth surfaces.

the new XFAB 2500 is perfect for design prototyping, digital dental modelling, and artisanal jewelry making, as well as education. It packs the legendary DWS industrial-grade resolution and boasts cylindrical print area of 180 mm in diameter and is compatible with 12 DWS performance materials that are tailored for specific applications. The XFAB 2500 is available in the following models:

- **XFAB 2500SD** comes with the added flexibility of DWS Professional version of Nauta software that includes manual settings for customized parameters of tailored materials and a wider range of functional materials. It is the ideal perfect multipurpose printer for professional applications.
- **XFAB 2500HD** is our jewelry workhorse. In combination with our industry recognized jewelry materials, this printer delivers outstanding results for high volume jewelry production application. It comes equipped with unique beam delivery systems that has been tailored for jewelry manufacturing including demanding filigree designs.
- **XFAB 2500PD** is our dental-Lab professional printer. It combines large print volume with the highest resolution delivering a remarkable productivity. It come with the most

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comprehensive range of proven dental materials that are tailored for the broadest range of dental application.

The new 3500 series represent a completely brand-new benchmark in professional-grade desktop printing.

- **XFAB 3500SD** is an advanced version in XFAB family. This printer sports combined higher resolution and larger print envelope. It delivers exceptional design and manufacturing prototypes and functional parts as well precious metal casting for jewelry and models for rubber molding.
- **XFAB 3500HD** is our advanced jewelry manufacturing system. In combination with our industry recognized jewelry materials, this printer delivers production quality and throughput for high volume jewelry production application. It comes equipped with DWS advanced beam delivery systems that has been tailored for jewelry manufacturing.
- **XFAB 3500PD** is our Advanced Dental-Lab manufacturing printer. It combines large volume with the highest resolution delivering a remarkable productivity. It come with the most comprehensive range of proven dental materials that are tailored for the broadest range of dental application

4. DWS Extends Leadership in Additive Production with Launch of XPRO S

Large-Format SL Printer

DWS, today announced the immediate availability of a new industrial-grade large-format 3D printer, the XPRO S. This new system is one of the most powerful and affordable large-format 3D printer on the market today. Priced at € 110.000, the XPRO S delivers the most cost-effective precision parts using the best of DWS purpose made materials at convincing scale. XPRO S shares DWS' large-format industrial-grade platform its top of the line 030 quad-laser system and boasts a print platform of 300 x 300 x 300 mm. The XPRO S is a game changing 3D printer developed to provide the highest levels of productivity and quality in the industrial sector. It was developed specifically for large companies that require a large printing area to quickly produce high-quality, high-resolution precision models: realistic models, concept models, functional prototypes, and prototypes of consumer products. This 3D printing system is notable for its silent operation, and for the resolution and precision of the objects produced for every application. This is also due in part to the vast range of materials that DWS has developed specifically for the industrial sector: ABS-like, polypropylene-like, rubber-like, and transparent materials; nano-ceramic resins; materials for investment casting models and silicone molding masters; and many more. With low running costs and zero planned maintenance cost, the printer has been designed to operate 24 hours a day, ensuring maximum reliability.

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5. XYZprinting Partners with DWS to Multiplex Access to Affordable Desktop Stereolithography Printers

DWS today announced that it entered into a strategic agreement with XYZprinting, the leading global provider of desktop and professional 3D printing products, that is designed to accelerate the adoption of affordable professional grade 3D printers globally. As part of this agreement XYZprinting will manufacture and sell under its own brand certain DWS Stereolithography printers leveraging its global channel reach and unparalleled manufacturing capabilities and DWS will market under its own brand certain XYZprinting DLP printers expanding its reach into the fast-growing sub \$5,000 professional category. This strategic partnership will expand global market reach to affordable professional grade SL desktop 3D printers where both companies expect unlimited growth potential. This partnership brings together the capabilities of DWS, a respected pioneer and innovator of precision Stereolithography systems and materials with XYZprinting, the clear desktop 3D printer sales leader and one of the world top contract manufacturing companies with more than four decades of delivering affordable high-quality systems at convincing unit scale of millions of products from calculators to computers, set-top boxes and smart connected devices in the millions monthly. **We invite qualified resellers and end-users alike to visit us at FormNext November 14-17 and see our entire portfolio in action including the XFAB 1000. Both companies expect to achieve full commercial status during the second half of 2018.**

6. DWS Decisively Expands its Sales and Marketing Reach into North-America

DWS announced today that in a decisive move to expand its geographical coverage into the most important additive manufacturing market, it teamed up with XponentialWorks, an expert in additive manufacturing advisory and opened the doors to a new facility and showroom in Ventura California. With this move, DWS plans to leverage the deep expertise, strong presence and access of XponentialWorks and immediately expand its reseller network. As part of this expansion, DWS invested in a state of the art show room and training facility in Ventura California and is ready to provide local sales and marketing coverage throughout North America. Armed with the most comprehensive portfolio of professional-grade Stereolithography systems and materials, DWS expects to attract some of the most qualified professional resellers in the U.S. that are likely to find the DWS portfolio very compelling both in terms of overall system performance and total cost of ownership. **We invite qualified resellers and end-users alike to visit us at FormNext November 14-17 and see our entire portfolio in action.**

About DWS

DWS is very much in the forefront of additive manufacturing technology. A respected Stereolithography pioneer and leader, DWS is making additive manufacturing 4.0 real by delivering the most advanced photopolymer additive manufacturing systems, materials and digital tools available. For decades, we have been enabling people to live better, engineers to optimize their designs and companies to bring better products to market. For more information, please visit www.dwssystems.com

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