

PRESS RELEASE: HOLD FOR MAY 17, 2019

## **3D Platform joins forces with Oak Ridge National Laboratory, Dynamic Tools, Novatec, and TWWomer & Associates**

Roscoe, Illinois, USA – May 17, 2019 – 3D Platform™ (3DP), a global leader in manufacturing large-format, industrial-strength 3D printers, is pleased to announce a cooperative relationship with Oak Ridge National Laboratory (ORNL), Dynamic Tools, a manufacturer of 3D printers, Novatec, maker of pellet dryers, and TWWomer & Associates, maker of the TWW Micro™ Extruder. Companies seeking to find out more about these relationships or even looking to build productive partnerships with 3DP are invited to engage with them in person at booth #2047 at the RAPID+TCT show in Detroit, MI, May 21 – 23, 2019.

### **Research and Development CRADA:**

A Cooperative Research and Development Agreement (CRADA) has been reached between 3D Platform and the Department of Energy's (DOE's) Oak Ridge National Laboratory (ORNL) involving large format, large diameter, fused filament fabrication (FFF) additive manufacturing. The project will incorporate the HFE900 extruder from 3DP, and its utilization of 6 mm filaments. The purpose of this joint enterprise has been to develop and test new materials that will be beneficial to industries, and also expand industry-wide engagement by implementing print process guidelines and settings, or "recipes". Research has focused on three areas of development:

- Industrial materials
- Medium sized molds and objects
- Specialty-filled filaments with long fibers



### **3DP Welcomes Dynamic Tools**

3DP is particularly excited about the future cooperation between 3DP and Dynamic Tools. The marketplace has been asking for industrial grade machines which are capable of printing engineering-grade materials, and also larger than traditional desktop machines but smaller than the 1 m x 1 m machines produced by 3DP. The response is an agreement between 3D Platform and Dynamic Tools, where 3DP is the exclusive 'Master Distributor' of Dynamic Tools' machines in North America. This is advantageous for Dynamic Tools as it gives them all twenty-six of 3DP's North American resellers! Additionally, as this joint effort grows and moves forward, there will be an emphasis in the cooperative development of new products.

Dynamic Tools offers three platforms that reflect three different build areas with high-temperature capabilities within the benchtop-size category. Comparative data is listed below:

**HT45** | Print Volume: 450 x 300 x 300 mm | Shipping Summer/2019

**DT60** | Print Volume: 600 x 450 x 450 mm | Now Shipping

**DT Lite** | Print Volume: 600 x 450 x 450 mm | Now Shipping

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### **3DP Welcomes Novatec**

3D Platform is pleased to announce a new partnership with Novatec, Inc., the largest U.S. based manufacturer of resin dryers, and the industry leader of plastic auxiliary equipment. Together they will offer a complete process solution; from drying standard filament spools, to 3D printing from raw material pellets. The goal is to effectively optimize the drying & conveying process for high quality pellet-to-print solutions, and processing standards for filament spools. This solution will offer a seamless integration of process monitoring and data capture for all critical part productions. This will in turn make 3D Platform's WorkCell & WorkCenter 500 the best choices for industrial FFF machines that are capable of delivering detail verification reports for a range of vertical markets.

### **3DP Welcomes TWWomer & Associates**

3DP is pleased to announce a collaboration with Tim Womer of TWWomer & Associates. Mr. Womer is a widely recognized authority on plasticizing screws for extrusion, injection molding, and blow molding, and has developed thousands of related components over a 45-year career. 3DP is incorporating Mr. Womer's extensive expertise and innovation to bring a best-in-class, true extrusion system to large-format 3D printing. Companies seeking to find out more about this relationship and its benefits are invited to engage with Mr. Womer in person along with 3DP associates at booth #2047 at the RAPID+TCT show in Detroit, MI, May 21 – 22, 2019.



### **Meet 3DP!**

3D Platform is always looking to build productive partnerships. Industry leaders interested in the latest advancements in additive manufacturing are invited to stop by booth #2047 at the RAPID+TCT show in Detroit, MI, May 21 – 23, 2019 to meet, learn, and find out more about 3D Platform.

### **About Oak Ridge National Laboratory (ORNL)**

UT-Battelle manages ORNL for the DOE's Office of Science. The DOE Office of Science is the single largest supporter of basic research in the physical sciences in the United States and is working to address some of the most pressing challenges of our time. For more information, visit [www.science.energy.gov](http://www.science.energy.gov).

DOE's Office of Energy Efficiency and Renewable Energy accelerates research and development of energy efficiency and renewable energy technologies and market-based solutions that strengthen U.S. energy security, environmental quality, and economic vitality. EERE's Advanced Manufacturing Office (AMO) supports early-stage research to advance innovation in U.S. manufacturing and promote American economic growth and energy security.

### **About 3D Platform™**

3D Platform is the trusted global leader in industrial-strength, large-format 3D printers. Based in Roscoe, Illinois, USA, the entire 3D Platform team is focused on driving advancements in technology to innovate, design, and build next-generation equipment for additive manufacturing. Our global distribution network supported by Certified Service Providers has helped us deploy more large-format, open-market 3D printers than anyone else. To learn more about 3D Platform, visit [www.3dplatform.com](http://www.3dplatform.com).

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