



PRESS RELEASE

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Natoli Engineering Strengthens Purdue University's Continuous Manufacturing Research Program with Tablet Press Donation

ST. CHARLES, MO (February 7, 2018) – [Natoli Engineering Company, Inc.](#), the global leader in tablet compression tooling, continues to drive innovation in the tableting industry by donating a new [NP-400](#) tablet press and related components to Purdue University in West Lafayette, Indiana.

Along with the best-in-class NP-400 tablet press, Natoli's gift includes operating software and three sets of tooling. Engineered and manufactured in the United States, the NP-400 is a robust and powerful production tablet press that can make up to 180,000 tablets per hour.

"This gift will be a huge benefit to our students," said Marcial Gonzalez, assistant professor of mechanical engineering at Purdue. "It's one thing to study processes in a classroom or do experiments at a workbench. But at Purdue, our students get the hands-on experience of working in an integrated continuous manufacturing pilot plant with state-of-the-art online sensors for monitoring and process control, as well as unit operations, such as powder feeders, blenders, roller compactors, granulators, extruders, and now a top-of-the-line tablet press."

The new Natoli tablet press will operate at Purdue's [Center for Particulate Products and Processes](#) (CP3), one of only a handful of university-based centers that allow students to study, design, and manufacture pharmaceutical tablets and other particulate products at an industrial scale. The center is a collaborative effort among the schools of Chemical Engineering, Mechanical Engineering, Agricultural and Biological Engineering, and College of Pharmacy. The new NP-400 will replace an older model Natoli tablet press that was part of the continuous tablet manufacturing pilot plant.

"Continuous manufacturing is an important focus for us," said Gintaras Reklaitis, the Burton and Kathryn Gedge Distinguished Professor of Chemical Engineering. "Much of our work goes into developing and implementing best practices for continuous manufacturing, and through this work advancing the regulatory science that is important for the industry and the FDA. Partnering with a company like Natoli is helping us to do just that."

"We are excited to see how the students and researchers at Purdue University will use this gift to establish industry best practices and propel advancements in continuous manufacturing," said Dale Natoli, President of Natoli Engineering. "As a member of C-SOPS (Center for Structured Organic Particulate Systems), which allows universities and industry leaders to work together to improve how pharmaceuticals are manufactured, Purdue is the ideal university with which to collaborate."

About Natoli Engineering Company —The undisputed global leader in tablet compression tooling manufacturing, Natoli Engineering Company has served the pharmaceutical, nutritional, confectionery, and veterinary industries for more than 40 years. Natoli also offers tablet presses, tablet press replacement parts, tooling and press refurbishing services, analytical inspection equipment, technical training courses, and the most comprehensive tablet compression accessories catalog in the industry. Natoli also offers AIM™ Data Acquisition and Analytical Software, which facilitates and speeds tablet and capsule research and development and manufacturing. Through its Carlisle Precision Encapsulation Parts subsidiary, Natoli manufactures change and spare parts for many brands of encapsulation machines. For more information visit our website at www.natoli.com.

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