

FOR IMMEDIATE RELEASE

PBC Linear expands their Factory of the Future Program with Applied Cobotics

Roscoe, Illinois, USA – October 13, 2021 – PBC Linear, a Pacific Bearing Company and a global leader in linear motion solutions, continues to elevate their Factory of the Future Program with their newest venture, Applied Cobotics. Its mission aims to provide automation solutions by integrating collaborative robots (cobots), material lift systems, 3D printing, and other automation technologies into manufacturing systems.

Recent events have helped bring to light the unmet demand for skilled workers within the manufacturing industry. This labor shortage is coinciding with a rise in customer demand, creating a need for higher output with more competitive costs. In addition, shop floors are having to evolve on a dime, becoming more agile to fulfill custom orders and mitigate product fluctuations.

Our Factory of the Future Program has been developed in response to those needs. A significant focus of that program is Applied Cobotics, which looks to implement new and more efficient technologies to accommodate these new demands. This is being accomplished through relevant industry partnerships and home-made innovation that has been a hallmark of PBC Linear for decades. Applied Cobotics strives to:

- Implement collaborative robots (cobots) to perform tasks side-by-side with the human workforce.
- Provide gripper options that offer greater flexibility in automation.
- Create innovative systems such as our Automated Material Lift (AML) System for more efficient, lights-out manufacturing.
- Employ 3D printing to create jigs, prototypes, custom grippers, and trays for parts set-up and queuing.
- Upscale our workforce through revolutionary training programs that utilize augmented reality and custom software.
- Inspire a younger generation of high-skilled engineers and tradesmen to pursue careers in manufacturing.

ATX Minneapolis: Nov. 3-4, 2021
Come see us at booth #830 and experience first-hand how we are working to build the factory of the future!



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- Create partnerships for a wholistic approach to factory automation. Current partnerships include Hans Robots, Schunk Grippers, Taqtile (augmented reality software), and 3D platform.



About our Brands



pbclinear.com

PBC Linear® has been a trusted source for the engineering, manufacturing, and assembly of a wide range of linear motion products, along with custom engineering services. They offer a core group of high-performance linear components and sophisticated mechatronics systems.



AppliedCobotics.com

Applied Cobotics provides automation solutions by integrating collaborative robots (cobots) into manufacturing systems. The results include improved workforce skills through augmented reality training, improved safety and output, and a strong foundation for the next generation of labor professionals.



3dplatform.com

3D Platform (3DP) builds and manufactures large format, industrial-strength 3D printers for a wide variety of industries in manufacturing, entertainment, and education. In the factory of the future, these large format printers can be utilized to create jigs and fixtures, large-scale prototypes, and mass-produce products.

Additional related content:

Blog/Video: [Advanced Manufacturing: Collaborative Robots \(Cobots\)](#)

Blog/Video: [Advanced Manufacturing: Factory of the Future](#)

Blog/Video: [Advanced Manufacturing: Augmented Reality Training](#)

Blog/Video: [Using Manifest for Workforce Training and Retention](#)

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