SPRING 2017 NEWSUERTIER FORMING SYSTEMS

QUANTUM ENGINEERED PRODUCTS



Quantum's booth at Glasspex India 2017 in Greater Noida just outside of New Delhi, India. Quantum appreciates all the attendees that visited our booth. Thanks for your continued support. We look forward to growing together in 2017–2018.

WWQuantum at Glassman South America



Quantum at Glassman South America in the Centro Costa Salguero, Buenos Aires, Argentina. We would like to thank all of our customers that attended the show. We look forward to expanding our business relations with each attending customer and our newly formed partner, Interglass.

The Quantum Advantage at work in the European Market



Late 2016 into the first quarter of 2017 is showing a positive upward trend in the worldwide glass market. With new greenfield projects being built, to the expansion of established factories, it is an exciting time for our industry.

In Europe, the glass container industry is a highly competitive market and there is an ever-increasing need for suppliers to cultivate a competitive advantage. The need for higher efficiencies and less downtime has increased the need for the products and services that Quantum offers. From our high quality Plunger Mechanisms to our cutting-edge Process Controller, we can take Blankside Forming to a new level.

Consumer demand for quality is at an all time high. Process Control is a hot topic when focusing on quality. Quantum is presently working to supply several top of the line Process Control units for customers in Western Europe. In addition to Process Control, there is a basic need for a consistent product you can count on. The Quantum Plunger Mechanism provides just that. Reduction in downtime starts with minimizing breakdowns. Quantum equipment is the longest lasting product available. This reduction in spare parts consumption allows for investments in other areas of production. The success we have in the European market is an example of this principle.

As we move into the coming months, the challenges of production will remain. Innovative technology and automation are leading us into the future. We hope that Quantum's dedication in these areas provides peace of mind, knowing that Quantum can offer the equipment that you need to keep your competetive advantage.

A Roundabout Solution for a Problem Intersection



In the coming months Quantum will welcome a new addition to the borough of Saxonburg, a \$5.5 million roundabout. This increasingly popular

road feature will be approximately 500 feet away from Quantum. The roundabout will have 3 very busy roads merge into a circle. Once you have successfully entered the circle, you will maneuver around to your desired exit. Entering a roundabout only requires a YEILD instead of a STOP. This will in turn, speed the flow of traffic.



Roundabouts are on the rise in the United States since first introduced in 1990. Over 4000 roundabouts have been constructed since 1990,

with many more currently in the design phases. The state of Pennsylvania currently has 35 roundabouts with more to come. Recently PennDOT has made a decision to always consider a roundabout first, when analyzing a problem intersection. Roundabouts have been known to drastically reduce the number of traffic accidents and increase the traffic flow thru high volume areas.



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Since the design was introduced to Saxonburg 2 years ago, there has been a great deal of opposition. Most of this opposition

is due to the local people not very familiar with this type of road feature. With many new businesses arriving to the areas around Saxonburg, a roundabout is the best option for this intersection. Quantum just hopes none of its employees enter the roundabout and are not able to find their way out.

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Quantum Welcomes John Lynch



Quantum would like to welcome our new Shop Manager John Lynch. John has over 20 years of experience managing in various high volume warehouse and retail environments. John is married with five children and five grandchildren, and an avid Steelers and Notre Dame fan. Welcome to the Quantum team John!



Upcoming Trade Show Appearances



China International Exhibition Center, Beijing, on May 24-27, 2017

FORMING SYSTEMS