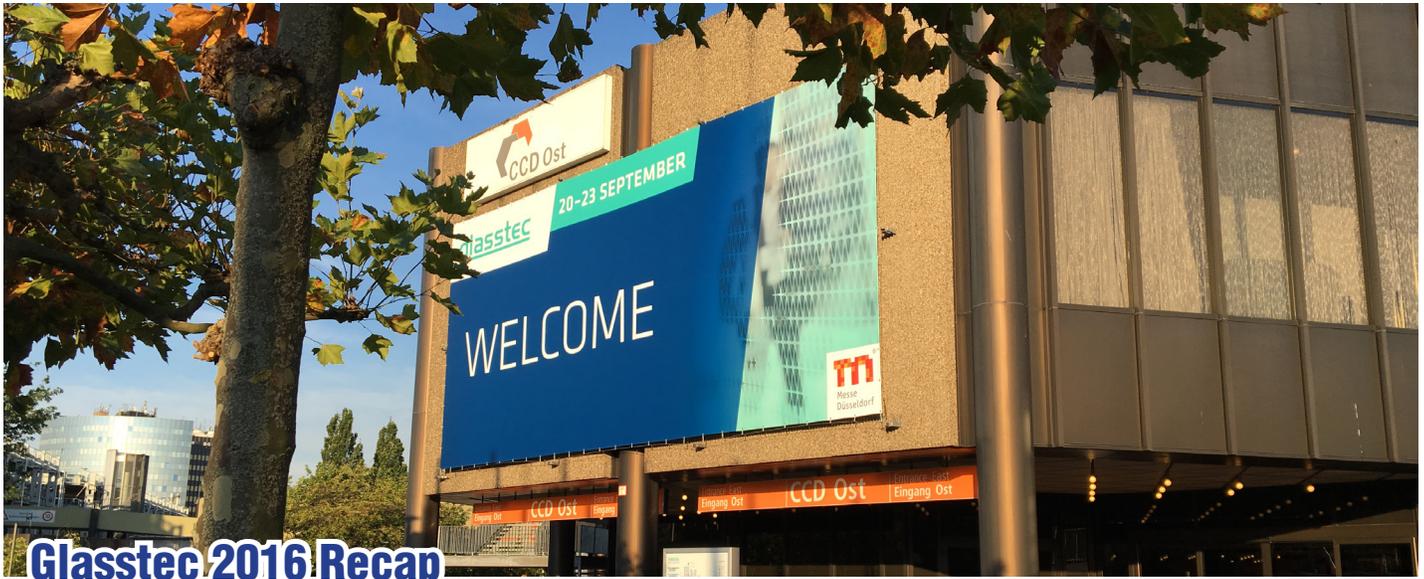




Quantum

FORMING SYSTEMS

40 YEARS



About one month has passed since the Glasstec exhibition and if the results of the event are any indication, the glass container market seems to be trending towards positive growth. Every two years the glass industry braves the airport check in lines and assembles in Düsseldorf, Germany for Glasstec. The city itself is an economic and financial hub of Europe, so it is only fitting that the “world of glass” gathers here to conduct business. This year over 1200 exhibitors from 52 countries displayed their latest and greatest products. Over 40,000 visitors from 100 countries attended the event!

Glasstec is certainly the most important trade show for Quantum, so a lot of time is invested to prepare. According to Charity Pomaybo (Graphic Design) “It’s always an exciting challenge to make sure our booth design and marketing material compliment the quality and attention to detail that Quantum puts into the design of our equipment. Planning is crucial if you want to stand out at Glasstec.”

Quantum’s focus going into Glasstec was to highlight the advances made with the Total Forming Analysis system (TFA™) for forming Process Control

and Automatic Gob Weight Control. The TFA™ is the process control system of choice for some of the world’s most esteemed glass manufacturers. The accuracy and reliability of the system make it a perfect choice for gob weight control. Moreover, the full stroke real-time data features of the TFA™ provides ideal monitoring of the complete forming process.

Now that another Glasstec has passed, the industry will surely start to prepare for the next exhibition in 2018.



Quantum's Booth at Glasstec 2016

Interglass® Visits Quantum



*Shawn Moore, Process Control Manager (Quantum),
Antonio Ferdina Gomes Lopes (Interglass),
Mike Albert, Vice President of Technology (Quantum)*



We were very pleased to host Mr. Antonio Ferdina Gomes Lopes of Interglass. Quantum recently partnered with Interglass to better serve the glass container manufacturers of South America. Mr. Lopes was at Quantum for a training seminar which aims to enhance the skills, capabilities, and knowledge of our international technical sales team. Mr. Lopes is based out of Rio de Janeiro and has many years of experience working in the glass container industry.

Pennsylvania Glass Plant Upgrades Production Facility



Anchor Hocking glassware plant located on the banks of the Ohio River in Monaca, Pennsylvania has plans to add a new 8 section 6 1/4" Double Gob IS machine to its facility. Anchor Hocking is a leading glass manufacturer in the USA and Quantum is proud to continue our longtime partnership with the company. The new production line will be used to make beverage and food storage containers.

O-I Mexico Training Seminar



O-I Mexico invited Quantum to their Monterrey, Mexico plant for a training seminar. Staff members of O-I Mexico gathered in Monterrey for the week long seminar. Quantum reviewed standard operating procedures, safety procedures, maintenance procedures, and mould design with the group. It is very important for us

to make sure our customers have a periodic refresher training course to become more confident with Quantum equipment. We are thankful that O-I Mexico gave us this opportunity.



Benefits of continuous employee training:

- **Proper procedure extends equipment life**
- **Improve safety in the workplace**
- **Gain competitive advantage over competition**
- **Enhance productivity and quality of work**
- **Increase staff retention and worker morale**
- **Advance employee skills and motivation**
- **Diversify skills of current employees**



Shawn Moore

Get to Know...

Position: Process Control Manager

Years at Quantum: 12 Years

Family: I have been married to my wife for 11 years and we have two girls ages 8 and 6.

Favorite thing to watch on TV: I enjoy watching the Penguins (local ice hockey team) and watching movies with the family.

What is your favorite part about working at Quantum?

I really enjoy having the opportunity to help people from all over the world. They come to us with a problem and we can solve it for them.

If you could travel to one place in the world, where would it be?

I have been to a lot of places around the world but for some reason I've always wanted to go to Alaska. The fresh air and the snow capped mountains really attract me.

Before working at Quantum what was your most unusual / interesting job?



I was a bus boy on the weekends for a upscale restaurant. The owner would yell and throw dinner rolls at the employees. I only lasted 3 days.



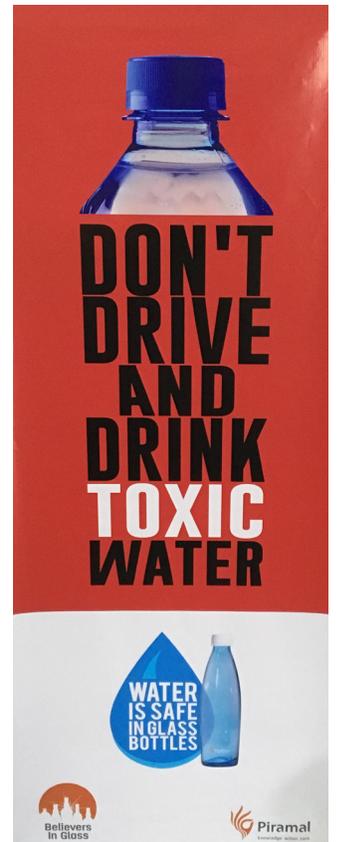
Name three of your favorite movies? Gladiator, Old School, and Saving Private Ryan

What is your favorite part about living in the Pittsburgh area?

The downtown area is only 25 min from my house so we enjoy walking along the rivers, shopping in the strip on a Saturday morning, and also experiencing one of the many new restaurants Pittsburgh offers.



Quantum hosted a dinner in Düsseldorf for our global sales team to show our appreciation for their support and dedication to our customers.





What is the best way to get Heinz ketchup out of the iconic glass bottle?

Heinz Ketchup is a staple of anyone growing up in the Pittsburgh area. Sometimes it can be a real struggle to get the last bit of ketchup out of the bottle. According to the Heinz website, to release ketchup faster from the glass bottle, apply a firm tap to the sweet spot on the neck of the bottle—the “57.” Only 11% of people know this secret. Now you’re “in-the-know”



Quantum Values



Passion for Customers



Quality



Sustainability



People



Honesty & Integrity

Quantum Welcomes Tiffany Stewart



Quantum would like to welcome our newest employee Tiffany Stewart. She will be managing Quantum’s front office duties and supporting our Financial and Logistics Departments. We’re proud to have her on the team!

The best selling spirit in the world is....



Soju. The clear and colorless spirit is mostly made in South Korea. Soju has been called the “Korean vodka.” It’s alcohol content varies from about 16% to 45% and it is usually consumed “neat.” Koreans have a traditional way of consuming Soju and it’s best to follow the rules when opening, pouring, and consuming the drink. The spirit is made by distilling rice, sweet potatoes, or other starches. A popular brand, Jinro Soju, has out sold global brands such as Smirnoff, Bacardi and Jack Daniels. Quantum has been working with the company making the Soju bottle for 15 years!

Upcoming Trade Show Appearances



Visit Quantum at:



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