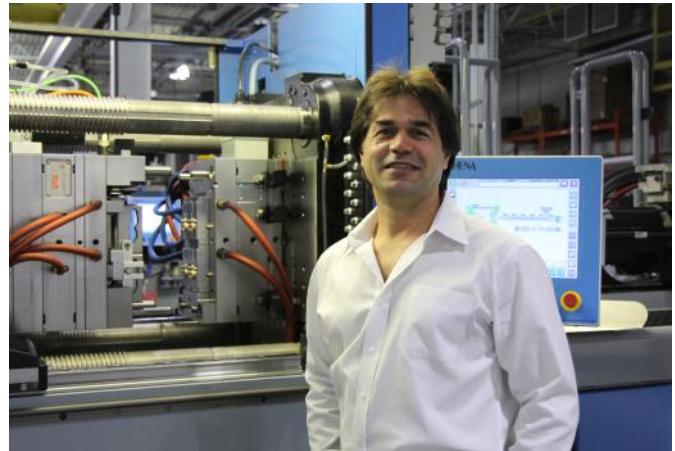


Cap-Thin Molds Relies on Athena

Established in 1996 in Mississauga, Ontario, Cap-Thin Molds specializes in complex, multi-cavity high-efficiency molds with fully interchangeable components for caps, closures, cosmetics, food packaging, medical, and thin wall containers.

Cap-Thin's business strategy and values are aligned with Athena's culture of innovation, passion for excellence, and focus on long-term relationships that put customers first.

Athena machines proved to be an ideal fit for testing Cap-Thin molds, in both prototyping and real-world production scenarios.



Cyrus Jebely, CEO: "Partnering with Athena enabled us to implement our latest technology for NPE 2015. Athena worked very closely with us to develop and customize the machine software to precisely control the unscrewing and in-mold closing sequences in a way never done before. The absolute control of mold and machine sequences provides customers with the fastest cycle time for injection molding flip-top closures."



Cap-Thin's mold testing facility is equipped with a 150-ton and a 300-ton Athena machine

Preform Machines

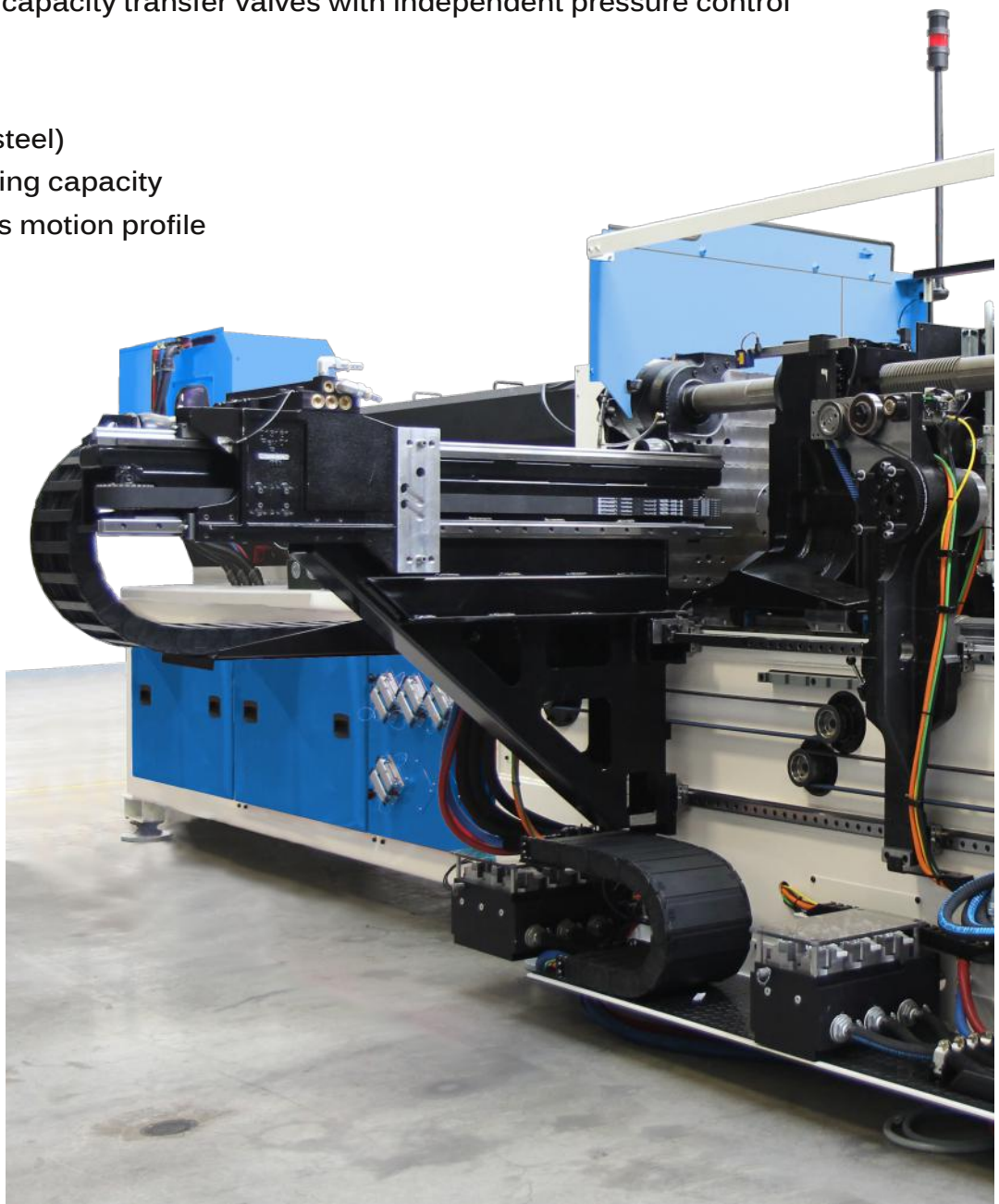
In 2015, Athena has further refined its PET preform package to ensure that its machines stay at the top of their class through reduced lock-to-lock time, optimized post-mold transfer and cooling, improved energy efficiency, and better access for operation and maintenance.

Post-mold cooling

- Flow-balanced air and water circuits for optimized thermal distribution and heat transfer
- Increased flow capacity transfer valves with independent pressure control

Robot

- Stiffer design (steel)
- Increased bearing capacity
- Improved Z-axis motion profile



150-ton preform machine post-mold automation

Preform transfer

- Faster and more energy efficient preform transfer and ejection
- Easily removable end-of-arm tooling with a dry mounting face
- Improved hose routing, protection, and isolation
- Redesigned transfer pins and cooling tubes

Injection

- Optimized heat transfer and temperature control



New Hires

Over the summer, Athena has strengthened the following teams: Base Engineering, Injection Engineering, Controls (Programming and Testing), Sales, Service, Finance, Shipping and Receiving, and Training.

- More openings are active on our website's careers page:

www.athenaautomation.com/careers

Systems Center – Update

The Systems Center is on schedule for opening in the first quarter of 2016. Work continues on:

- Installation of automated high-density storage systems:
Radioshuttle pallet racking and Kardex Remstar vertical lift modules
- Furnishing offices, gym, and cafeteria
- Fine-tuning building automation and plant support systems

Main hall with one of two 50-ton cranes. The sub-assembly area in the background has a 10-ton and a 20-ton crane.



Photo of new 155,000 sq ft Systems Center; current Athena facility in background.

Contact

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