

YOUR EXCLUSIVE INVITATION TO:

# TECHNOLOGY DAYS

Sponsored by **TOSHIBA MACHINE**

## Education for those serious about molding

The education is free. The information is priceless.

You are invited to attend an extraordinary event to keep abreast of the latest molding technologies, increasing your facility technology and profitability.

*Below is a brief synopsis of sessions being offered...*

### Day 1 Sessions

Aluminum tooling and how it is a successful alternative to Steel Molds – presented by Phoenix Proto.

Increasing Quality with Cavity Pressure Technology – presented by RJG.

The latest advances in All Electric Injection Molding Machine Technology – presented by Toshiba Machine.

Current trends in automation – high speed part removal, cavity separation, and flexible manufacturing cells – presented by Yushin.

### Day 2 Sessions

Screw design for specific resins and recommendations on processing with barrier and mixing screws – presented by Westland.

Barrel lining materials and the importance of proper machining – presented by Wexco.

Using servo driven hydraulic portable units for “on the mold” functions – presented by All World.

Significant savings of time and scrap using purging compound - Tips and troubleshooting – presented by ASACLEAN.

## Course Overview

Day 1 - November 1, 2011

9AM - 5PM

- Aluminum Tooling as an alternative to Steel Molds
- Cavity Pressure Technology
- Latest technologies in electric mold machines
- High speed part removal, cavity separation, and flexible manufacturing cells

Day 2 - November 2, 2011

9AM - 5PM

- Screw design for specific resins
- Barrel lining materials and machining
- Servo driven hydraulic portable units for every “on the mold” auxiliary function
- Purging tips and troubleshooting

**Technology Days Educational Seminar**  
**Toshiba Machine Tech Center**  
**1578 Sussex Turnpike**  
**Randolph, NJ 07869**

To register for Technology Days, please fill out the form and return to Dale Bartholomew at: [dbartholomew@toshiba-machine.com](mailto:dbartholomew@toshiba-machine.com), or fax form to: 1-847-709-7334, or call 1-800-275-8373.

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or call 1-800-593-1616, ext. 76051.

***There is no charge for this educational opportunity. Space is limited. Register today!***

Hotel Information:

Marriott Courtyard Rockaway - Mt. Arlington

15 Howard Boulevard

Mt. Arlington, NJ 07856

Phone: 1-973-770-2000

[www.marriott.com](http://www.marriott.com)

Mention "Toshiba Machine Corporate Rate" for your discounted room rate.

Fill out the form below, and email to:

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***RSVP by October 26, 2011***

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

*Additional registrants from your company*

Name \_\_\_\_\_

Title \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

# WHAT WILL YOU LEARN?



1) The latest advances in all electric injection molding machine technology – presented by Toshiba Machine.

Learn the technology advancements and advantages of Toshiba Machine's newest all-electric injection mold machine, the SX Series. Discussions on the mechanical, electrical and the new streamline process monitoring, improving the validation process for today's demanding sectors. Learn to optimize these features on your production floor utilizing Toshiba machine technology. Live demonstrations using Phoenix Proto Aluminum Tooling equipped with RJG cavity pressure sensors.

2) Aluminum tooling and how it is a successful alternative to steel molds – presented by Phoenix Proto.

Uncover some major industry misconceptions that have limited this successful alternative to Steel Molds. Discuss six major impact areas that will provide OEMs the tools that will move them closer to utilizing Aluminum for their production needs in the plastics industry. Learn about solutions that mold builders and processors alike are using to take advantage of the benefits of high-strength Aluminum. Used today for cycle time advantage and lower tooling costs, high-strength aluminum alloys are making an impact in the medical, automotive and commercial industries for a competitive alternative to steel. Aluminum is not just the bridge to a faster product launch or the cost savings necessary for the planned budget; it is a successful alternative to steel tooling with huge benefits that will continue to advance and influence the future of the plastics industry.

3) Current trends in automation including high speed part removal, cavity separation, and flexible manufacturing cells – presented by Yushin.

Automation enables companies to generate cost savings, increase productivity and offer value added operations to their customers. Learn about current trends in automation including high speed part removal, cavity separation, and flexible manufacturing cells.

4) Significant savings of time and scrap using purging compound - Tips and troubleshooting – presented by ASACLEAN

1) Cost savings and benefits of a disciplined purging regimen using a quality purging compound, and 2) Purging tips and troubleshooting.

5) Screw design for specific resins and recommendations on processing with barrier and mixing screws – presented by Westland.

Discussion of screw design terminology, why and how screws should be designed for specific resins, plus recommendations on processing with barrier and mixing screws.

6) Using servo driven hydraulic portable units for "on the mold" functions – presented by All World.

Discussion of servo driven hydraulic core pull portable units for every "on the mold" auxiliary function. Energy savings, noise reduction and design flexibility increase productivity.

7) Barrel lining materials and the importance of proper machining – presented by Wexco.

An in-depth review of different types of barrel lining materials and the importance of proper machining.

8) Increasing Quality with Cavity Pressure Technology – presented by RJG.

Quality is a given in today's manufacturing place. In order to grow business and retain customers manufacturers must be able to supply absolute quality to their customers. As part designs and materials become increasingly more difficult to mold, so must our strategies on how we process and contain abnormal shots. Shipping one bad part today is the same as shipping a truckload.

RJG will discuss how cavity pressure technology can help molders meet and exceed customer quality expectations. This overview will talk about what molders can gain by looking inside the cavity of their processes and how to use that data to ensure the same part is shipped to the customer shot after shot, insuring that quality expectations are met.

## ***Register Today. Space is Limited!***

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