

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.

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.

Increasing Quality with Cavity Pressure Technology – presented by RJG.

Day 2 Sessions

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

Multi Material / Two Shot Molding – presented by Mold Masters

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 – October 17, 2012, 9AM - 5PM

- Aluminum Tooling as an alternative to Steel Molds
- Cavity Pressure Technology
- Latest technologies in All Electric Injection Molding Machines
- High speed part removal, cavity separation, and flexible manufacturing cells

Day 2 – October 18, 2012, 9AM - 5PM

- Screw design for specific resins
- Multi Material / Two Shot Molding ; Cost effective and flexible solution multi-shot molding on single shot molding machine
- Servo driven hydraulic portable units for every “on the mold” auxiliary function
- Purging tips and troubleshooting

Technology Days Educational Seminar
Toshiba Machine Tech Center
755 Greenleaf Ave.
Elk Grove Village, IL 60007

To register for Technology Days, please fill out the form and return to Deeanna Schutz at:
dschutz@toshiba-machine.com,
or fax form to: 1-847-709-7067,
or call 1-847-709-7017.

TECHNOLOGY DAYS

Sponsored by TOSHIBA MACHINE



October 17 - 18, 2012
Technology Days
Educational Seminar
Toshiba Machine Tech Center
755 Greenleaf Ave.
Elk Grove Village, IL 60007

To register for Technology Days, please fill out the form and return to Deeanna Schutz at: dschutz@toshiba-machine.com, or fax form to: 1-847-709-7067, or call 1-847-709-7017.

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

Hotel Information:
Holiday Inn – Elk Grove Village
1000 Busse Road | Elk Grove Village, IL 60007
Phone: 1.847.437.6010 – or book directly through the link below:
[Book Now Toshiba Machine](#)

Mention “Toshiba Machine Corporate Rate” for your discounted room rate.

Fill out the form below, and email to:
Deeanna Schutz, dschutz@toshiba-machine.com
Fax: 1-847-709-7067; call 1-847-709-7017.
RSVP by October 10, 2012

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) Multi-Material / Two Shot Molding Along with servo in mold technology – Cost effective and flexible solution multi-shot molding on single shot molding machine – bringing new life to your capital investments – Presented by Mold Masters.

Mold Masters has launched the all electric, mold mount auxiliary injection unit (E-Multi) providing a cost effective and flexible solution to the molding industry. This design unleashes the potential capability of single shot molding machines, allowing multi-material parts to be produced. The energy effective E-Multi has a compact foot print, user-friendly interface and connects easily to OEM molding machines and robots. The servo driven injection and plasticizing axes offers excellent performance and repeatability. Each unit comes with advanced add-on options controlled through a single HMI including an integrated mold heat controller, servo valve gate, swing plate control and rotary table control. The E-Multi has been globally used to produce plastic parts for caps and closures, personal care products, technical parts, automotive parts and medical components. We are pleased to present the 10 cavity, poker chip two-shot system with integrated mold heat and advance E-Drive running on the Toshiba EC110S all-electric machine.

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!

To register for Technology Days, please fill out the form and return it to

Deeanna Schutz, dschutz@toshiba-machine.com,

or fax form to: 1-847-709-7067, or call 1-847-709-7017

Sponsored by TOSHIBA MACHINE