



## Industrial Molds Gro

### Industrial Molds, Inc. Newsletter March 2015



**NPE2015: THE INTERNATIONAL  
PLASTICS SHOWCASE**

March 23-27, 2015 | Orlando, Florida

[www.npe.org](http://www.npe.org)

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**NPE 2015 Registration**

<http://www.npequesteas.org/x1/2015>

### GET READY FOR NPE 2015 AND SPE ANTEC:

In just a couple of weeks we'll be heading to Orlando, FL, to participate in North America's largest plastics industry trade show event: the National Plastics Exposition (NPE), March 23-27, 2015. It takes place every three years, and this year we have the privilege of not only exhibiting (Booth S-22144) but giving a presentation at ANTEC.

Kerry Smith, Project Engineer, will be giving the technical presentation "Mold Design for Reduction of Offline Assembly and Secondary Operations" that will focus on designing for metal-to-plastic conversion for part consolidation, two-shot molding and other molding technologies for reducing production costs and improving quality. As many of you know, our forte lies in our ability to be innovative and creative in designing molds that help reduce cycle time, eliminate secondary operations, improve quality and costs to manufacture.

**Kerry Smith will be presenting on Wednesday morning, March 25, at 8:30 - 9:00 am in the Mold Making & Mold Design Division section of SPE. For more information see the SPE ANTEC Website at [www.4spe.org/Events/event.aspx?EventID=51212](http://www.4spe.org/Events/event.aspx?EventID=51212) You can get your tickets to attend the ANTEC event while you are at NPE. Don't miss our presentation! It's sure to offer plenty of insight into this technology.**

### **Industrial Molds Adds New Carbon-cutting Cell:**

**In our efforts to expand our mold manufacturing capabilities and help reduce lead times, we now have our new carbon-cutting cell up and running. The cell is fully automated and can hold up to 220 electrodes. According to Dennis Nord, Production Supervisor for Industrial Molds, the new Mikron HSM 400 ULP 5-axis electrode machine doubles Industrial Molds' electrode production and will help the company meet demand in that department. "We Can cut electrodes 20-30% faster with this new 42,000 RPM machine," Nord comments. "The machine that it replaced was a 3-axis HSM with a 30,000 rpm spindle.**

**The new Mikron HSM 400 ULP is connected to a second carbon cutting machine - a Mikron Vario 600 - by a single robot feeding both machines. "We also have the versatility and flexibility to cut graphite in our hard milling Makino**

HSM cell if workload dictates. This gives us higher productivity on the shop floor during our busy times," Nord said. The new automated carbon cutting cell will allow Industrial Molds to cut electrodes up to 30% faster, and increase production during lights-out manufacturing.

Industrial Molds is bullish on the future of the company, and is committed to staying on the cutting edge of machine tool technology to provide the best injection molds for our customers across the industries we serve.



**Sincerely,**  
Industrial Molds, Inc.