

# Productivity in Motion



KMT Robotic Solutions' Quarterly eNewsletter

September 2007

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### KMT Introduces the RoboTrim® RT-1200 Router Trimming System



KMT Robotic Solutions Inc. introduced the RoboTrim® RT-1200 – a cost-effective, turnkey robotic router trimming system that provides plastics and composite manufacturers with 75 percent higher throughput than traditional 5-axis CNCs, depending on the number of tool changes required.

“The system’s 12-foot rotating wall, larger KMT AccuTrim® R-110 robots and increased spindle capacity enable it to trim the types of heavy plastic, fiberglass and composite parts that are too large to be processed on an RT-1000,” said Routing Systems Sales Manager Paul Schuch.

To learn more about the RoboTrim RT-1200, [click here](#).

### New Original V Waterjet Trimming System

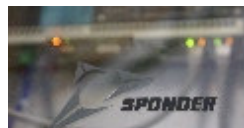
KMT Robotic Solutions introduces the 5th generation of its extremely popular Cutting Box Original, used by automotive interior manufacturers around the world to trim headliners, carpets, dashboards and insulation products. Although the new Cutting Box Original V is fully compatible with the past version of the Cutting Box, the Original IV, it has an improved Human Machine Interface, a complete family of custom vacuum systems, an enhanced mechanical structure to further improve trimming accuracy and design improvements to ease maintenance.



For more information on the new Cutting Box Original V, or to learn how the system can be customized to meet your trimming needs, please [click here](#), or [send us an e-mail](#).

### Experience a Sponderful World!

This fall, KMT Robotic Solutions will introduce Sponder – a revolutionary new IT system for continuous process control, system maintenance planning, failure detection and electronic system documentation storage.



Routing



Waterjet



Laser

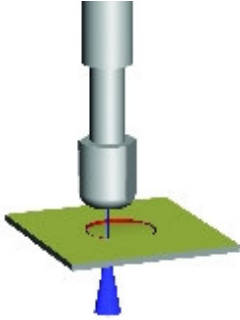


Knife

Sponder also enables live technical support via the internet, giving certified KMT system technicians the ability to see (via a live video stream) and communicate with plant floor maintenance personnel to quickly resolve any issues. Sponder captures the events, alarms and production data from machines and reports them to administrators so they can analyze and possibly improve production.

If you'd like additional information on Sponder, please [download the brochure](#) or [send us an e-mail](#).

### Geometrix Software Improves Circle Quality



Robots traditionally have had a difficult time cutting interpolated circles to any tolerance better than +/- 0.25mm. As a result, KMT Robotic Solutions created Geometrix - a patented software utility for ABB robots that improves circle roundness by more than 100 percent. It is a flexible, user-friendly software solution that achieves circle cut roundness with a tolerance less than +/- 0.1mm. The revolutionary Geometrix software is ideal for the automotive, aerospace, marine and other industries that require tight tolerance.

For additional information on the Geometrix software utility, please send an e-mail to [robotic.eu@kmtgroup.com](mailto:robotic.eu@kmtgroup.com) or visit [www.kmtgroup.com/robotic](http://www.kmtgroup.com/robotic).

### New RoboTrim® RT-1002 at K-Fair

KMT Robotic Solutions will demonstrate its next-generation router trimming system, the RoboTrim® RT-1002, at K2007 (booth 10J72) in Dusseldorf, Germany, from October 24-31. The RoboTrim RT-1002 is the latest in KMT's line of cost-effective, turnkey robotic router trimming systems that help thermoformers, plastics molders and composite and automotive manufacturers increase throughput, uptime and employee safety.



Call or [email](#) us today to learn more about K2007 or the [RoboTrim RT-1002](#).

### New CamPro Software Makes Robotic Milling Feasible and Saves Valuable Production Time

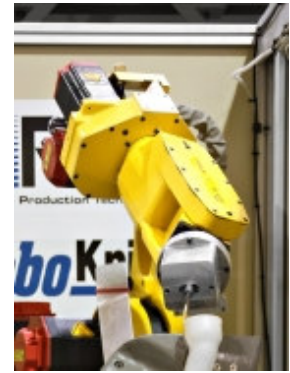
KMT Robotic Solutions' new CamPro offline programming software gives manufacturers the ability to program part trimming and milling paths in CAM software and convert these programs to be run on a six-axis robot. Take advantage of your personnel already skilled at programming using Mastercam®, SURFCAM®, Delcam and many other CAM software tools. They can now use these skills to create robot programs for routing, waterjet and knife trimming applications.



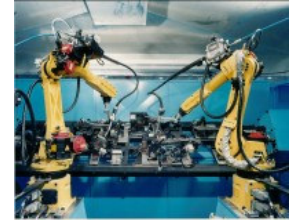
For additional information on KMT's CamPro milling and offline programming software, please send an inquiry to [robotic.na@kmtgroup.com](mailto:robotic.na@kmtgroup.com).

### New MotionPro Training Class Offered at Auburn Hills Training Facility

KMT Robotic Solutions Inc. now offers MotionPro training classes. MotionPro, a PC-based software product that optimizes FANUC teach pendant programs, can be used to make programs run faster with minimal deviation from the original taught points. MotionPro can be used on programs taught manually on a FANUC robot or on programs taught via TrimPro. Students must first attend



### Welding



### Material Handling



KMT's HandlingPro class before signing up for the two-day MotionPro class.

To view a schedule of upcoming training classes or to register for an Auburn Hills training class online, visit the KMT Robotic Solutions Inc. training site directly at [training.kmtrobotics.com](http://training.kmtrobotics.com).

**KMT Robotic Solutions provides easy-to-use,  
flexible automation systems that improve productivity,  
increase safety and maximize quality.**

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