

RPT – The Leader in Flexible Robotic Trimming Solutions

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Exciting Development at RPT!

As of Dec. 1, 2006, RPT has become a wholly-owned subsidiary of the worldwide KMT Group of companies and will now be named KMT RPT Inc. Over the next few months you'll see us update our logo, website and print materials, but you'll continue to see the same dedication to our customers' success as RPT has shown in our first 20 years of existence. Our current management team remains in place as do all of our current business processes, so you can continue to reach us in the same ways as you did prior to Dec. 1. We're excited about the potential that being part of this larger international company will offer to our customers, suppliers, and employees and look forward to demonstrating those benefits to all of these stakeholders soon.

RPT's Newest Standard System: JetTool® RW-16

RPT's newest standard system, the JetTool RW-16, is an enclosed waterjet trimming system that features two wall-mounted AccuTrim™ WJ-44 robots and a servo-controlled 16-foot rotating wall. The 120" x 60" table can support fixtures up to 750 lbs. and takes only six seconds to make a complete rotation.



"The noise containment capability and high system throughput make the JetTool RW-16 a great addition to RPT's JetTool® line," said CEO Chuck Russo. "Optional features like RPT-produced fixtures and a third AccuTrim™ robot can be added to further minimize noise, increase fixture durability and increase productivity."

For more information on RPT's new JetTool® RW-16 standard system, send an inquiry to solutions@rpt.net. If you'd like to take a look at more RPT Standard JetTool systems, [click here](#).

RPT AccuTrim® Robots Now Equipped with FANUC's iRVision™

iRVision™ is a ready-to-use robotic vision system on the FANUC R-J3iC controller that provides 2-D robot guidance capability to accomplish part location, presence absence and other operations that normally require special sensors or fixturing. To use the vision system, simply load the Vision software option and connect a camera to the Main CPU Board.



For more information on FANUC's new R-J3iC robot controller with iRVision, send an inquiry to solutions@rpt.net.

Routing



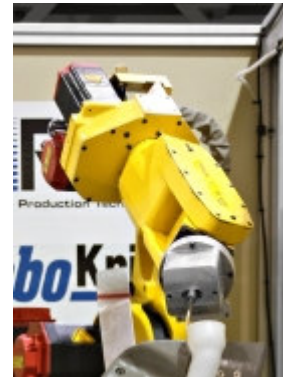
Waterjet



Laser



Knife



Welding

RPT Reinforces it's Commitment to Welding Customers



Robotic Production Technology President Kevin McManus announced late this quarter the appointment of Tom Washburn to the position of Robotic Welding Automation Account Manager. In his expanded role, Washburn will oversee all welding accounts and ensure that RPT is well-positioned to support all of its welding customers.

For the entire story, [click here](#).

Save Money – Buy Diamonds!

Diamonds are a waterjet system's best friend. Purchasing diamonds orifices instead of sapphire orifices for your waterjet trimming system will save your company a significant amount of money in the first year alone. While each diamond orifice costs more, they last 10 times longer, reducing downtime.



[Click here](#) to calculate your estimated annual savings.

Real-Time Troubleshooting Saves Time and Money

RPT's Remote Administration feature, which comes standard on all RPT robotic systems, enables RPT technicians to dial directly into any RPT system via a live phone line and diagnose any issues. Remote administration provides a means for RPT technicians to view each robot teach pendant screen (without being able to remotely control the robot), as well as upload and download necessary files to and from the robot controller, PLC and HMI.

"Remote administration can be especially helpful to new system users because it enables us to see in real time what the programmer is trying to accomplish and make live corrections or helpful suggestions," said RPT Systems Software Manager Chuck Abrams. "The basic idea behind Remote Administration is to help customers solve minor issues in a matter of minutes - saving them time and money."

Remote Administration is provided at no charge during the system warranty period. For more information on Remote Administration, send an inquiry to solutions@rpt.net.

Improve the Productivity of Your Existing RPT Trimming System

Is your robotic trimming system based on a robot or robots that are more than 7 years old? The new FANUC R-J3iC controller and the latest robot models offer opportunities to improve the productivity of your existing work cell. The new controller has a motion system that can reduce cycle time by as much as 30%. The updated System Calibration Tools can reduce change over time between parts as well as reduce the time it takes to get an accurate Tool Center Point (TCP). The new features on the R-J3iC controller also save programming and management time, since file back-ups and loads over Ethernet can now be performed.

If you have older robots, there's a great chance that RPT can save you time and money by helping you produce more parts per hour on your existing system. Contact us at solutions@rpt.net for more information.

Don't Forget - RPT Offers Part Programming Assistance!

If you're ever caught short of the skilled programming resources you need to implement a new part program, contact RPT. We can assist by supplementing your in-house programming team, or by providing off-line programming for parts with accompanying math data.



If you find yourself on a short deadline, RPT has trained programmers that can help. Contact us at solutions@rpt.net.



Material Handling



Success Story: Vermont Composites

Vermont Composites, a manufacturer of custom advanced carbon and fiberglass composite structures, needed an efficient, environmentally-friendly robotic system to trim Z06 Corvette body panels.



RPT worked with Vermont Composites to evaluate several trimming methods including routing and abrasive waterjet cutting. It was found that RPT's RoboTrim™ router trimming system offered superior cut quality and was the most cost effective. The enclosed system configuration kept operators out of the harsh, dust-filled trimming environment, while the ventilation and filtration system met environmental requirements and prevented dust from interfering with the trimming process.

After an untrimmed part is loaded onto the system, the two-sided servo-controlled table rotates the part into the enclosure in less than three seconds. The FANUC M-710iB robot then cuts the holes, slots and perimeter. Once the part is finished, the table rotates the finished part outside of the enclosure to be unloaded as another untrimmed part is rotated inside to be trimmed.

For more information on Vermont Composites' RoboTrim™ system or to find how RPT can find the best trimming process for your business, please send an e-mail to solutions@rpt.net.

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

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