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**Happy Holidays from KMT**

KMT Robotic Solutions would like to wish you a very happy Holiday Season and a prosperous New Year.

**KMT's JetTool® RT-10 Improves Productivity and Reduces Noise**

KMT's JetTool RT-10 enclosed waterjet trimming system is a high-throughput cutting solution that incorporates a steel enclosure for containing water and noise with a two-position rotating table for quick part transfer into and out of the cell. The 10-foot (3 M) wall can rotate parts up to 84 inches (2133 mm) long and 40" (1016 mm) wide into and out of the cell in less than three seconds. The system can

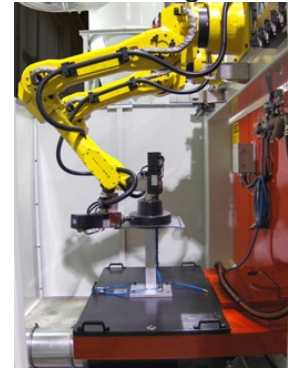
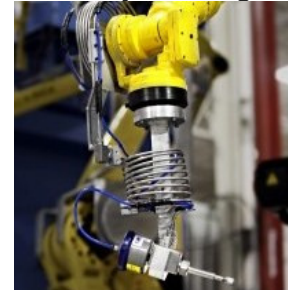
utilize one or two floor-mounted AccuTrim WJ-44 robots depending on the desired cycle time.

To learn more about the JetTool RT-10, [please click here](#).

**Uncooperative Parts? AccuFind® Technology Can Help**

Do you have parts that inconsistently change size after forming, such as rotationally molded plastic parts? Do you have parts that vary significantly in thickness, such as formed parts that are reinforced with FRP? Do you have parts that are large and difficult to get into a repeatable trimming position?

Then KMT's advancements in AccuFind® technology will be of interest to you! AccuFind combines a laser sensor mounted to the robot with specialized software to enable the robot to find the part and offset the part program to the new part position. We're on our third generation of AccuFind technology giving KMT robotic trimming systems the ability to solve all of the above mentioned

**Routing****Waterjet Cutting****Laser****Knife**

problems. This 3rd generation AccuFind is faster and provides improved accuracy over the previous versions. This makes it possible to automate the trimming of uncooperative parts in a fast, reliable and repeatable way.

KMT can help you to solve your difficult trimming applications... [Ask us!](#)

### Better Than Ever: KMT's New AccuTrim® WJ-44 and R-44 Robots



FANUC's new M-20iA robot has become the robot of choice in many KMT Waterjet and Routing system solutions. The new robot has increased reach to improve trimming flexibility and 5% faster axis speeds to improve cycle time – especially when long air moves are required.

The new robot is designed with a hollow arm and wrist for internal cable routing. In router trimming applications, this prevents cables traveling to the end of arm from snagging or rubbing on parts. In waterjet trimming applications, the hollow arm and wrist accommodate and protect the process air line to the waterjet nozzle, which simplifies

routing and shortens the air line. The new robot design enables the use of a new high pressure plumbing package that consolidates three coils into two for axes four, five and six. A shorter End of Arm Tool also enables faster articulation to follow trim paths in tight areas.

### KMT Robotic Solutions Takes Further Steps to Help Routing Customers

The proper maintenance and replacement of router components extends the life of routing spindles and reduces system downtime. That's why KMT Robotic Solutions now stocks router spare parts and consumables. KMT's goal is to help customers with everything from reducing wear on high-end system components like spindles and robots, to tracking and reducing individual cutter usage.



"It's exciting for us to help our router customers to exceed their operating goals," said Aftermarket Services Manager Jim Wogan. "Just by sharing programming tips with our customers, we've heard of cutter usage decreases of 10 to 20 percent."

KMT's Routing Product Manager Mike Aeschliman said KMT is always looking for ways to help customers reduce downtime. "We take the feedback from our customers and incorporate it into the engineering of our systems. This helps us to continuously improve our routing overall processes."

If you have questions or would like to share feedback with KMT's Aftermarket and/or Router Trimming team, [please click here](#).

### SmartFile™: Revolutionary File Maintenance



KMT SmartFile is a set of software utilities that simplify program management on FANUC-based robotic systems. The utilities work seamlessly with other KMT Robotic Solutions software (including JetWare® and RouterWare®) and make loading and storing robot programs on a single robot controller much more cost effective and easier to manage.

SmartFile, which utilizes low cost flash storage, enables users to store hundreds of typical robot programs on a single controller. It can also be configured to



**Welding**



**Material Handling**



**Dispensing**



transfer entire robot process programs automatically when the system identifies a change in the fixture or part program. In cases where numerous parts are processed, it's no longer necessary for a technician to remove old robot programs and load new robot programs to accommodate the change. Once the fixture is changed and the system is put into automatic mode, the rest is taken care of.

For more information on SmartFile, please send an inquiry to [robotic.na@kmtgroup.com](mailto:robotic.na@kmtgroup.com).

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

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