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Editor's Note: High resolution images of the CAD cutaway of the GT-610 CNC showing Glebar's automation process, P4K Gauging System and Quick Change Gripper Assembly, as well as other machine platforms on display at IMTS, are available upon request.

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For Immediate Release

Glebar Focuses on Automation Enhancements at IMTS 2016

Systems feature ability to be fitted with robots, cleaning and drying stations and inspection systems for truly "turnkey hands off" automation

CHICAGO, September 12, 2016 – Glebar Company kicks off IMTS 2016 (booth N-7317) here with a focus on the latest automation enhancements for its centerless grinding and gauging systems which address the increasing demand for more precision manufactured components in the automotive, aerospace and medical manufacturing industries.

The latest generation of Glebar's GT-610 CNC Centerless Thrufeed/Infeed Grinder features the ability to be fitted with robots, cleaning and drying stations and inspection systems providing a truly hands-off, turnkey solution for high production grinding applications.

In addition, OPC (Open Platform Communication) interfacing to supervisory plant controls is available to gather production data and track maintenance and critical operational statistics. Equipped with automatic dynamic wheel balancing and acoustic emissions sensing, the machine is easy to setup and changeover.

Patent-pending automation features

The **Quick Change Gripper Assembly**, attached to an overhead gantry system, optimizes the GT-610 or GT-610 CNC by using interchangeable grippers to pick up unground parts and move them in and out of the grind zone. The Quick change gripper assembly allows for rapid changeover from one set of part-holding grippers to a different set (e.g. eight station to five station). The entire gripper assembly is easily disconnected, lifted out of the keyed mount and then dropped into the next mount and reconnected.

The **P4K Gauging System** is the fastest and most accurate profile metrology system available for parts manufacturing. The system's high-speed, high-accuracy optical micrometer technology scans geometric profiles for all parts in a cycle to automatically correct wheel dress shape (correcting the wheel dress shape is patent-pending). This is done at up to three inches per second (75mm/sec) to produce a comprehensive dataset to line operators with diameter and length readings every 30 millionths of an inch, in real time.



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Glebar has a **patent-pending controlled motorized work rest blade option** that adjusts the lateral position of the parts (when grinding) which is ideal when trying to grind the tip of a shaver or to grind the radius underneath the head of a flush head fastener for example.

Ongoing Focus on Automation and Process Optimization

For decades, Glebar Company has been at the forefront of developing process optimization technology to drive the highest levels of efficiency and quality for its customers. Built from standard machine platforms, over 80 percent of all Glebar's worldwide installations are uniquely configured to meet customers' specific needs and applications.

"Glebar's solutions is not about replacing old machines with new ones," said John Bannayan, president, Glebar Company. "It's about developing systems that will help customers achieve their goals to improve quality and efficiency."

Adam Cook, CEO, commenting on the opportunity to demonstrate Glebar's value at IMTS 2016, said: "We are constantly working to set new industry standards with our automation and process solutions. Engineers need to work smarter and harder to stay ahead of the curve and our innovations are designed to help them reach these goals."

In addition to Glebar demonstrating the P4K Gauging System and its Quick Change Gripper Assembly and controlled motorized work rest blade on the GT-610 CNC, it will also display the CAM.2 Micro Grinding System and its DD-7 Double Disc Grinder.

For more information about Glebar's process optimization and automation capabilities, contact Mark Bannayan, VP of sales and marketing at 201-644-2020 or by email at mbannayan@glebar.com.

About Glebar

Glebar Company (www.glebar.com) is an innovative, vertically integrated manufacturing company that designs and configures its standard platform of modular machine systems – from an affordable job shop machine to fully automated, lights-out grinding packages – to provide custom solutions focused on process improvement and margin enhancement, maximizing a customer's return on investment. Glebar serves companies in many markets, from medical and metals to automotive and aerospace. Its machines are all made in the U.S.A. to the highest quality standards and are backed by a 24/7 customer service operation, serving customers all over the globe. Glebar machines are known for their precision, longevity, flexibility and efficiency.

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