



David Manis
Digital Marketing Specialist
Glebar Company
dmanis@glebar.com
201-644-2046

For immediate release.

Offline CNC Wheel Dresser Improves Grinder Efficiency

Glebar Company, Ramsey, NJ -- Dressing grinding wheels offline allows manufacturers to use their grinding equipment for production, reduces set up time, improves quality, and ultimately increases throughput. Manual contour dressers are operator-dependent and inconsistent, affecting the quality of the grind and increasing scrap rates. Utilization of a contour dresser generally requires more frequent dressing, reducing the lifespan of the wheel and increasing consumable costs.

Glebar's DM-9CNC Wheel Dressing Machine is a stand-alone machine that provides operators with the ability to dress grinding wheels while the grinder is in production. Available for 9" and 10" diameter wheels, the machine CNC dresses precision contours in vitrified grinding wheels. The shape can be transferred from a CAD drawing into G-code which the DM-9CNC can read to form the wheel. Alternatively, for simpler geometry, the operator can enter the dress profile in a tabulated form on the 15" touch screen HMI. A diamond plated dress roller is powered by a high-speed brushless servo motor offering high torque and closed-loop velocity control up to 10,000 RPM. Additionally, two axis servo-driven slides use a 0.1 micron glass scale to precisely position the dress roller.

"Dressing wheels off of the grinding machine itself has typically been a manual operation requiring a highly skilled technician, often resulting in rework and increased set up time. Once the DM-9CNC is set up, it can run unmanned, shaping a grinding wheel for your specific application," explained John Bannayan, CTO at Glebar Company. "This allows the manufacturer to run their grinding machine process while simultaneously truing a wheel for the next job, reducing set up time and increasing overall output."

When purchasing a machine isn't practical, Glebar offers its customers wheel dressing as a service using the DM-9CNC Wheel Dressing Machine.

To learn more about the DM-9CNC, visit Glebar's [website](#), send an email to info@glebar.com, or call (201) 337-1500.

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About Glebar Company

Glebar Company (www.glebar.com) is an innovative, vertically integrated, process improvement company that designs and configures its standard platform of modular precision centerless grinding machine systems to provide turnkey, custom solutions for its customers. The company focuses on delivering a process to its customers while maximizing customer return on investment. Founded in 1952, Glebar serves companies all over the world, across many market segments including medical, industrial, aerospace, automotive, consumer goods, and mining. Its machines are known for their precision, longevity, flexibility, and efficiency.

Glebar machines are made to the highest quality and safety standards and are backed by a 24/7 customer service operation which includes a team of technicians, design engineers, and customer service representatives. The company also stocks stand-by inventory of critical parts and tooling for next-day delivery in the U.S., Europe, and Asia. It employs a dedicated applications team conducting research and development activities, customer process enhancement, and pushing the limits of grinding wheel technology. Glebar is an ISO 9001:2015 Certified Company and is ITAR Registered.

In 2020 Glebar Company acquired Electrochemical Grinding (ECG) technology solutions leader Tridex Technology. Both companies offer innovative turnkey manufacturing solutions designed to improve cycle times, maintain quality levels, and allow operators to easily set up and run multiple machines.

For more information about Glebar, call (201)-337-1500, visit www.glebar.com or send an email to info@glebar.com.