



David Manis  
Digital Marketing Specialist  
Glebar Company  
[dmanis@glebar.com](mailto:dmanis@glebar.com)  
201-644-2046

For Immediate Release

## **Centerless Precision Grinding Manufacturer Glebar Company Assists Customer and Provides Solution for Thrufeeding Metal Tubes**

### ***Glebar configured a custom precision centerless grinder for customer's grinding needs***

Ramsey, NJ, November 11, 2019 --- **Glebar Company**, a manufacturer of precision centerless grinding machines, partnered with a customer to reduce lead times and costs by building a grinding solution allowing the customer to vertically integrate. The customer needed a machine that could thrufeed 1-½" diameter, 15' aluminum tubes removing between 0.003" to 0.006" per pass. The second requirement was for the machine to be capable of grinding 8' steel tubes which featured a 1" diameter bearing surface in the middle which could not be ground. The tubes had a thin wall that needed to be structurally maintained due to strict surface finish requirements. To meet the customer's requirements, Glebar configured its GT-610 Infeed/Thrufeed Centerless Grinding System tailored to these needs.

The GT-610 was the best choice to meet these requirements because of its rigid granite base, multi-axis controller, fully configurable controls, and 8-5/8" wheel width. The granite base absorbs vibration keeping the machine stable while grinding. The multi-axis controller can position both grinding wheel slides to a 0.1 micron resolution. The HMI touchscreen controls are fully configurable, making them operator friendly reducing the amount of training necessary. By using grinding wheels measuring at 8-5/8", the GT-610 grinds efficiently and requires less wheel maintenance.

Glebar develops its own software and programmed a grinding sequence into the controls where the regulating wheel infeeds the part at a controlled rate and initiates the thrufeed process. In

combination with Glebar's vast variety of grinding wheels and grinding experience, they were able to select the proper grinding wheel for this process. The wheel selection was critical to provide efficient cutting action and to reduce heat buildup.

"I'm proud of our engineers for their persistence in developing a great solution," said John Bannayan, Chief Technology Officer at Glebar. "With our customized programming the machine will run at variable speeds enabling the customer to complete their grind jobs quickly, at a low cost, meeting 100% of the quality requirements."

One of the many reasons the customer chose to team with Glebar is because our machines are made in the U.S.A. and are fully configurable. Our manufacturing plant and corporate headquarters are in Ramsey, New Jersey, just minutes from New York City.

# # #

### **About Glebar Company**

Glebar Company ([www.glebar.com](http://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 in the U.S.A. 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.

For more information, call (201)-337-1500, visit [www.glebar.com](http://www.glebar.com), or send an email to [info@glebar.com](mailto:info@glebar.com).