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For immediate release.

### **Precision Thrufeed Grinding of Steel Tubes**

Ramsey, NJ, May 11, 2020 -- Innovative precision grinding machine solution provider Glebar Company recently delivered a solution to thrufeed grind steel tubes while also decreasing downtime and maintaining a high-quality part.

Manufacturers use grinding machines with narrow work wheels requiring several passes to reduce the diameter and achieve acceptable surface finish. This process creates longer cycle times and can deform thin walled tubing causing burns. These machines are also difficult to adjust for setup and changeovers requiring highly skilled technicians.

Glebar was challenged to deliver a process with a small footprint that can grind steel tubes while keeping a high-quality part. The process also had to decrease downtime related to maintenance, troubleshooting, and complicated changeovers.

To solve these challenges, Glebar delivered its TF-9DHD Infeed/Thrufeed Centerless Grinder which features an 8-5/8" work wheel combined with a 15HP main spindle motor. This combination removes more material per pass than larger machines, improving cycle times and providing a better surface finish. It has the capability to grind both hard and soft materials, specializing in parts from 1" diameter down to 0.002" diameter. The available in-line gauge provides real-time feedback of ground parts ensuring tube roundness.

In a recent test, Glebar ground 12' stainless steel tubes with a 0.191" diameter. The TF-9DHD removed 0.006", while maintaining 0.0001" roundness, 0.0004" straightness, and an 8 Ra finish with a cycle time of 2.35 minutes per tube.

The TF-9DHD's 8-5/8" work wheel is the widest on the market in its class. Combined with a gradual regulating wheel angle it reduces the pressure on the tubing increasing accuracy and maintaining roundness.

The operator-friendly touchscreen controls are configured specifically for the customer by Glebar's in-house programmers. Part of the HMI includes remote connectivity allowing Glebar's technicians to quickly troubleshoot any issues reducing machine downtime.

To learn more about thrufeed grinding steel tubes on Glebar's TF-9DHD, [read the case study](#), visit [Glebar's website](#), or email Glebar at [info@glebar.com](mailto:info@glebar.com).

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## 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 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](http://www.glebar.com), or send an email to [info@glebar.com](mailto:info@glebar.com).