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For immediate release

Glebar Company Announces New Micro Grinder: CAM.3

The CAM.3 builds upon Glebar's 68 year history of providing grinding solutions to the medical device industry.

Ramsey, NJ, February 03, 2020 --- Precision grinding solution provider Glebar Company is excited to announce their new CAM.3 micro grinder. The CAM.3 represents the next generation in Glebar's 68 year history of providing precision grinding solutions to the medical device industry. Designed from the ground up, the CAM.3 features faster speeds and feeds, larger diameter wheel, increased capability and connection to the IIoT. Applications such as medical guidewires with flats, multiple tapers, hex shapes, and other complex geometries can be easily manufactured on the CAM.3. The CAM.3 offers additional capability suited for applications such as K wires, bone pins and other orthopedic and sports medicine implants, instruments and single use disposable products.

The CAM.3 can accurately grind lengths ranging from 0.005" to 0.375" in diameter. The 16" grinding wheel is mounted on a servo spindle with robust ABEC 7 spindle bearings with a capability of reaching over 20,944 surface feet. It can be fitted with a 6 axis robot, within the enclosure, providing additional axis and automated capabilities. In addition the work head can also be tilted up to 5 degrees to grind sharp corners and true threads. The dual carriage linear motor feed system powers the collets which can spin up to 250 RPS for improved grinding performance.

Built on a 6,500 lb mineral cast base for vibration dampening, the CAM.3 can easily produce parts, repeatedly, to sub micron accuracy. The positioning of the work wheel, main spindle, and the collets can be programmed using the touchscreen HMI which features a large 16:9 aspect ratio. IIoT enabled sensors can be built in to monitor temperature, pressure and vibration of key mechanical components.

The enclosure includes safety interlocks and the machine is CE Certified for the European market. The base includes embedded air and oil lines. The electrical enclosure includes a built in AC cooling system. The CAM.3 comes with MTConnect capability, is OPC UA compliant, and is ready for Industry 4.0. The CAM.3 controller can easily be expanded to add peripherals such as loaders, inspection gages, and other automation types.

“Glebar’s technology has been a vital part of the medical device industry for over 68 years,” said John Bannayan, Chief Technical Officer at Glebar. “The expanded features of the CAM.3 will offer designers an incredible set of fabrication capabilities for medical guidewires, orthopedic parts, dental components, and other small precision parts across a number of industries.”

Glebar will be showcasing the CAM.3 at booth 2059 during MD&M West February 11-13, 2020, in the Anaheim Convention Center.

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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.

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