Press Release

LaserCAT

For Immediate Release – E-CAT CNC Introduces LaserCAT: The Future of CNC EtherCAT-enabled Laser Cutting

July 11, 2023

WALTHAM, MA – E-CAT CNC is proud to announce a revolutionary CNC-enabled fiber laser machining controller that sets a new standard for precision, versatility, and affordability.

LaserCAT is the ultimate solution for CNC machine builders seeking to embrace EtherCAT and meet the evolving demands of the thermal cutting industry. LaserCAT is based on Newfangled's MACH4 CNC controller that embraces EtherCAT by utilizing IntervalZero's KINGSTAR Fieldbus Powered by EtherCAT. Being an all-software solution that runs on an industrial PC, LaserCAT offers flexibility unmatched by any black box laser controller. Its advanced technology enables the production of smaller components, cutting of harder materials with superior precision, achieving higher dimensional accuracy, supporting advanced geometries, and enabling multi-operations within a single machine.

Newfangled CEO, Brian Barker, also shared his enthusiasm, saying, "LaserCAT revolutionizes the way CNC machine builders work and take advantage of advances and dramatic cost declines in laser cutting technology. Based on Mach4 CNC software, LaserCAT's open, PC-based architecture offers unparalleled flexibility and customization options, enabling manufacturers to adapt to changing market needs with ease."

IntervalZero CEO, Jeff Hibbard, expressed his excitement about the new product, stating, "While most laser cutting controllers have limited ability to perform customer operations and even less ability to connect to networks to share data, LaserCAT introduces unprecedented openness and flexibility. E-CAT CNC all-software approach for all its products empowers manufacturers to push the boundaries of what's possible, delivering exceptional quality and performance."

One customer that relies on Mach4 for plasma cutting has already tested LaserCAT, is impressed with its capabilities and hopes to retro fit this new fiber laser controller right onto an existing plasma cutting bed.

LaserCAT's affordability further sets it apart from competitors. Its accessible price point ensures that CNC machine builders of all sizes can benefit from its cutting-edge technology and advanced features.

Discover the future of CNC machining with LaserCAT. For more information, visit www.ecatcnc.com

About ECAT CNC

Newfangled, a leader in the CNC industry, and IntervalZero, a leader in RTOS solutions, joined forces to create a groundbreaking joint venture called E-CAT CNC. This strategic collaboration aims to redefine the CNC machine market by introducing innovative solutions that address the pressing needs of CNC machine builders worldwide. The inaugural product of this partnership, LaserCAT, promises to revolutionize the industry with its unmatched capabilities and affordability.

Contact E-CAT CNC Sales – info@ecatcnc.com

About Newfangled Solutions, ArtSoft Division

Our CNC software brand: Mach, was first designed to run on Microsoft Windows, making it more accessible to the majority of computer users and capable of working with the majority of hardware and software. Today, Artsoft continues to be flexible and leads the way as an open standard CNC controller that can use anyone's hardware, PC, Motors, Drives, etc. and not be locked into a specific brand of proprietary hardware.

Our software is customizable and made to be your OEM solution. With its most recent release, Mach4 CNC, Newfangled rewrote the CNC module from the ground up and developed automation control software that brings everything together in a single, unified interface.

Contact Sales: Support@Machsupport.com

www.machsupport.com

About IntervalZero

IntervalZero is headquartered in Waltham, Massachusetts and has offices in Nice, France; Munich, Germany; Puna, India; and Taipei City, Taiwan. The company is a member of the EtherCAT Technology Group, PLCopen, OPC Foundation, Can in Automation (CiA), Mechatrolink Association, Intel Embedded Alliance and a Microsoft Partner. IntervalZero's customer-centered philosophy combined with more than four decades of embedded software innovation and the

proven value of its RTX/RTX64 hard real-time software and KINGSTAR Machine Automation Software have enabled the company to build a global customer base of market-leading OEMs and end users in Industrial Automation, Medical Systems, Digital Media, Test & Measurement, Military & Aerospace, and other industries.

IntervalZero Sales

Contact Sales at sales@intervalzero.com

Or by calling +1 781 996-4481

www.intervalzero.com

www.kingstar.com