

## Press Information

### **Kyocera showcases its cutting-edge innovations at AMB trade fair 2024**

In order to contribute to the revolutionizing metalworking and machining technologies, Kyocera unveils a series of its latest cutting-edge innovations at the trade fair taking place in Stuttgart, Germany from September, 10-14, 2024.

**Kyoto/Neuss, 13<sup>th</sup> August 2024.** Kyocera, a global supplier in industrial solutions, presents its latest cutting-edge solutions at AMB 2024, one of the five most significant trade fairs focussing the metal working industry. Among other things, the company unveils tap milling multitools, a stator housing tool, a new vending machine as well as an electric inserts driver at its booth (Hall 3, #3B40).

#### **Kyocera's innovations at AMB 2024**

##### **1. "Gewinden 4.1" Tap milling multitools**

Kyocera's "Gewinden 4.1" represents a significant leap in threading technology. This multi-functional tool allows for the drilling of a core hole, chamfering, and thread cutting without the need for tool changes. The innovative system integrates a sophisticated combination tool and advanced technology within the tool holder, making traditional tool changes and tool paths obsolete. The tool's unique geometry and holding system enable up to 50 % time savings in thread production, ensuring efficiency and precision. The tool is nominated for the AMB 2024 Innovation Award.



**Kyocera's "Gewinden 4.1" Tap milling multitools**

## 2. Stator housing tool

Engineered with an innovative lightweight design, Kyocera's stator housing tool weighs a maximum of 12 kg, significantly reducing machine power requirements. Compatible with HSK A63 tool holders, it integrates seamlessly into existing production lines without costly upgrades. Optimized for thin-wall machining, it guarantees high accuracy, perfect roundness as well as excellent surface quality, making it ideal for EV stator housing machining. The tool's AM cutting arms feature through-coolant channels for superior chip removal and extended tool life, ensuring enhanced performance and reduced downtime. It also machines two large diameters in a single operation, ensuring perfect concentricity and alignment.



**Kyocera's Stator housing tool**

## 3. Vending machine DC1700

The DC1700 modernizes traditional drawer-based vending machines with adjustable bin dividers and flexible software, allowing configuration of up to 1,792 locations. With up to 14 drawers and a maximum load capacity of 100 kg each, the machine features a durable 21" touch screen, built-in RFID reader, barcode and QR code scanner. The web-based management software enables off-site control, integration with ERP systems as well as generation of automatic reports and purchase orders. It offers comprehensive inventory management, monitoring, and user access control.



**Kyocera's Vending machine DC1700**

#### 4. Electric inserts driver

Kyocera's Electric inserts driver combines electric power with manual torque control, simplifying the process of changing inserts, even inside the machine. It significantly reduces insert change time, with a 48 % time saving compared to manual tools. The tool features a torque range of 1–5 Nm, an easy-grip handle, one-touch bit holder, LED light, USB-C charging with approximately 400 operations per charge as well as an attachable strap for safety handling.



**Kyocera's Electric inserts driver**

#### Overview: Kyocera at AMB 2024

Show	<a href="#">AMB</a>
Date	10 to 14 September 2024
Location	Stuttgart, Germany
Kyocera's booth	Hall 3, Booth #3B40

Kyocera Unimerco will also be present at the DMG MORI booth in Hall 10, #10D10, where they will showcase their latest innovations and solutions especially for the automotive, aerospace, fluid power, and energy industries.

#### About AMB trade fair

[AMB](#) – Internationale Ausstellung für Metallbearbeitung (international exhibition for metal working) – is one of the five most significant trade fairs focussing the metal working industry and takes place every two years. The trade fair, located in Stuttgart, Germany, showcases progress in products, technologies, innovations, services and concepts in the field of metalworking. For example, during this year's edition, among other things, machine tools and manufacturing facilities, precision tools, components, assemblies and operating materials as well as service, storage and workshop equipment are presented.



For more information on Kyocera: [uk.kyocera.com](https://uk.kyocera.com)

## About Kyocera

KYOCERA UNIMERCO Tooling GmbH is a subsidiary of KYOCERA UNIMERCO Tooling A/S in Denmark. They belong to KYOCERA Europe GmbH, which has been successful in Europe for over 50 years. The Kyocera Group is a leading global manufacturer of industrial tools, offering innovative tool solutions and process optimisation. Kyocera contributes to global manufacturing with innovative products and technologies.

KYOCERA Europe GmbH is a company of the KYOCERA Corporation headquartered in Kyoto/Japan, a world leader in semiconductor, industrial and automotive components as well as electronic components, printing and multifunction systems, and communications technology. The technology group is one of the world's most experienced manufacturers of smart energy systems, with more than 45 years of industry expertise. The Kyocera Group comprises 292 subsidiaries (31 March 2024). In England, Kyocera has a subsidiary in Frimley, KYOCERA Fineceramics Ltd. With around 79,200 employees, Kyocera generated net annual sales of around EUR 12.29 billion in the 2023/2024 fiscal year.

Kyocera is ranked 672 on Forbes magazine's 'Global 2000' list for 2023, and ranked as 'The 100 Most Sustainably Managed Companies in the World' according to the Wall Street Journal. For the second year in a row, Kyocera qualified for the Dow Jones Sustainability Index (Asia-Pacific). As well, Kyocera receives a Gold rating on EcoVadis Sustainability Survey for the second consecutive year and was acknowledged as a 'Top 100 Global Innovator 2023', being one of the world's leading innovators, for the eighth time by Clarivate.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr Kazuo Inamori — to individuals worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (equivalent to approximately €596,500 per prize category).

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