Panasonic Industry Europe GmbH

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**Panasonic Industry exhibits at SPS Parma 2024**

High value-added solutions for Machine Builders and System Integrators will be on display

Munich, may 2024

From May 28 - 30, Panasonic Industry Italia will be exhibiting at SPS Parma in Italy in Hall 6 at Stand H008. For the first time in Europe Panasonic will be exclusively showing the new MINAS A7 series of motors and drives which now features artificial intelligence. Also on display at the stand for the first time in Europe will be the 3D short pulse fiber laser marker LP-ZV which meets all modern complex marking requirements. Visitors to the stand will be able to talk with the technical experts from Panasonic Industry about the high value-added solutions the company offers for Machine Builders and System Integrators in the fields of Connectivity, Motion and Sensing.

The new Minas A7 series of motors and drives is the industry’s first commercialized AI-equipped servo system. It achieves precise automatic tuning superior to that done by human experts and reduces operation time by up to 90%. The devices use Panasonic's independently developed precAIse TUNING, making full use of AI technology to achieve highly precise automatic tuning. Minas A7 motors and drives can even automate tasks in areas where experts used to spend time for tuning machines manually due to unsatisfactory performance from conventional automatic tuning functions. The product also achieves the industry's highest level of motion performance with an encoder resolution of the servo motor with 27 bits (134,217,728 pulses/time). The speed response frequency, which indicates the control performance of servo amplifiers, reaches an industry high of 4.0 kHz or greater. Furthermore, the servo motor achieves a maximum rotation speed of 7,150 r/min which contributes to shorter cycle times.

The 3D short pulse fiber laser marker LP-ZV offers high speed and precision in laser marking, making it ideal for a wide range of metal or plastic marking applications. It is equipped with a 3D-functionality and is especially suited for marking concave or convex surfaces in an area of 50mm (±25mm). The large marking field of up to 330mm x 330mm means you can mark an even more extensive range of products. Thanks to the integrated Z-axis control, the system guarantees the ability to mark complex shapes without compromising quality. A 1-ns short pulse minimizes the thermal effect, while the high-frequency oscillation achieves clear marking of extremely small and fine characters down to 0.15mm. The updated Laser Marker NAVI smart software offers a very user-friendly interface. A preview of the marking on the material is available thanks to an image captured from the built-in camera. Last but not least, with its network unit, the LP-ZV integrates perfectly into customers’ production lines via EtherNet/IP or PROFINET.

For more information, please visit:

<https://industry.panasonic.eu/it/azienda/fiere-ed-eventi/sps-italia-smart-production-solutions-pad-6-h008>

<https://ac-blog.panasonic.com/e/motor/fa-motor/ac-servo/a7/special/top>

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**About Panasonic Industry Europe GmbH**

Panasonic Industry Europe GmbH is part of the global Panasonic Industry organization, one of the five major operating companies within Panasonic Holding. Panasonic Industry Europe provides products and services for industrial customers all over Europe.   
   
Panasonic Industry Europe is committed to enabling customers to achieve their goals in a broad range of industrial sectors such as mobility, infrastructure, automation, medical, appliances, smart living, and security. With the know-how of devices and solution technologies, cultivated through a global mindset and over a century of tradition, Panasonic Industry collaborates closely with customers to create a sustainable future.

Panasonic Industry Europe’s broad and diverse product portfolio encompasses key electronic component sectors including electromechanical and passive components, batteries and other energy products, sensors and wireless connectivity modules, thermal management materials and custom solutions, as well as automation devices & solutions.

More about Panasonic Industry Europe: <http://industry.panasonic.eu>

**About the Panasonic Group**

Founded in 1918 and today a global leader in developing innovative technologies and solutions for wide-ranging applications in the consumer electronics, housing, automotive, industry, communications, and energy sectors worldwide, the Panasonic Group switched to an operating company system on April 1, 2023, with Panasonic Holdings Corporation serving as a holding company and eight companies positioned under its umbrella.    
   
The Group reported consolidated net sales of Euro 59.40 billion (8,378.9 billion yen) for the year ended March 31, 2023. To learn more about the Panasonic Group, please visit: <https://holdings.panasonic/global/>

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