



PRESS RELEASE

Campetella Robotic Center at Plastpol 2022

Sustainable Automation for your Industry

Montecassiano, Italia – May 2022

Campetella Robotic Center, in partnership with Toyo Europe, awaits you at booth G - 1 to walk you through the most advanced automation solutions

At Plastpol 2022 Campetella, Italian leading producer of automation solutions for the plastics industry, will exhibit a selection of its flagship top-entry robots: the iconic GS2 X-Series, a CO2 and a RHEA Prime.

Compactness, speed and accuracy All-In-One

A wide range of high-speed Cartesian robots, all designed to meet the most demanding production needs, just like the last generation top-entry robot GS2 X-Series. An uncompromising model for ultra-fast take-out applications, designed for the food packaging industry. Ultra-performing servo-motors combined with innovative construction technologies and materials typical of the aerospace industry, such as carbon fiber and light alloys, ensure record-breaking acceleration and speed, for operating cycle times up to 2.5 seconds. Designed to fit medium-sized tonnage IMMs, it boasts highly optimized structures gained through the most advanced Finite Element Method (FEM) techniques, resulting in low vibrations for the highest reliability.

The GS2 X-Series is now available also in the new GS2W and GS3W models, recently launched by Campetella to perform stack-molding applications. Entirely made of carbon fiber, from the double vertical axis to the two-profile extraction beam, besides being extremely elegant, they stand out for their side-entry performance in a top-entry size, in terms of both costs and footprint on the ground.

Rhea Prime is the smallest within the Campetella Cartesian family robots. A fast and compact mix of functionality and accuracy aimed at offering high performance at the highest quality-price ratio when dealing with multi-cavity take-out on IMMs up to 150 tons.

Next to it, our CO2, a last generation industrial linear robot well-known for its high performance, accuracy and reliability. Recommended for small and medium tonnage IMMs, it is equipped with the most advanced functions for the ultimate level of control.



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Enhancing productivity while reducing energy consumption

Sustainability is at the base of the Campetella corporate culture. How do they achieve it? A significant reduction in energy consumption is certainly a winning strategy.

The dynamic vacuum management system designed by Campetella, aims at reducing compressed air consumption up to 60%, if compared to traditional gripping systems. The compressed air required to generate the vacuum is switched on and off dynamically and automatically, in order for the vacuum to be generated only when the product is picked up, before being switched off until a minimum threshold is reached.

KERS Technology is also applied by Campetella to achieve power saving. The particular architecture of the mutually connected drives allows for the recovery of the braking axles' kinetic energy, which is therefore available for the axles in motion.

Finally, through the Jog Over, Campetella optimizes robot cycles by reducing the IMM' speed and consumption without any impact on the overall cycle time.

Hence, productivity increases while energy consumption decreases.

Campetella Robotic Center at Plastpol 2022: Booth G – 1



The ultra-compact and ultra-fast Rhea Prime





PRESS RELEASE



The last generation CO2, well-known for its high performance, accuracy and reliability.



The ultra-fast and compact GS2 X-Series top-entry designed for the most extreme performance.



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Campetella Robotic Center is “an international company with a family character”, lying in the great attention it always pays to the needs and requirements of its customers. A company structure capable of guaranteeing and maintaining over time the highest quality standards of both products and services, also documented by the ISO9001 certification.

Pioneers in the field of industrial automation; experts in the design, production and implementation of advanced robotic solutions for plastic injection molding industries. Our mission is to build strong and solid partnerships to guide and support each customer with honesty, full transparency and innovative proposals throughout the automation of its production process.

Passion, efficiency, and expertise always at your service.

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