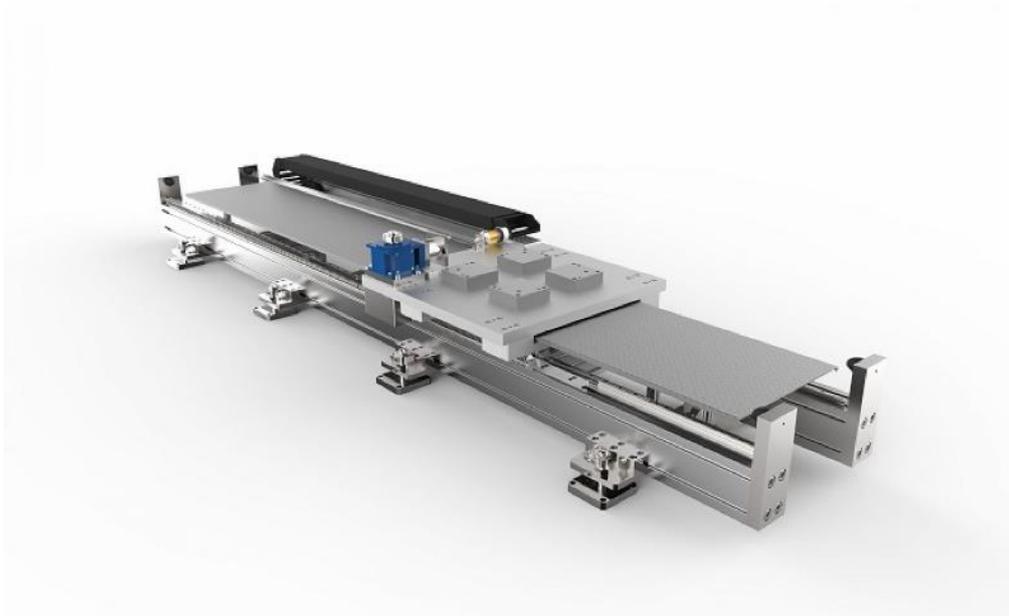


CLIENTE	Rollon	TESTATA	VogelItalia.it	DATA	30 marzo 2017
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Vogel Business Media



Rollon > The “Seventh Axis”, shuttle system to move anthropomorphic robots

Italy, Vimercate – Additional axis to increase the robot’s action radius for painting, welding or gluing

Elevated dynamics: shuttle system for robots that weigh up to 2,000 kg

Rollon, the Vimercate-based international group that specialized in the production of linear rails, telescopic rails and actuators, will present the “Seventh Axis” range at the Hannover Messe (Hall 17, Stand C42). This shuttle system has been developed to move anthropomorphic robots that weigh up to 2,000 kg over long distances with elevated dynamics. The outcome of 40 years of experience in linear movements, it is the ideal solution for all situations that need an additional axis to increase the robot’s action radius, such as, for instance, painting, welding or gluing in the automotive sector.

The roller recirculation system made by Rollon gives easy integration into any type of robot

Designed for easy integration into any type of robot, the frame is made up of anodized aluminum profiles that offer considerable benefits in terms of weight, transportability and modularity, while maintaining a high degree of stiffness. Versions are available with single profile or double profile and connecting crosspieces. The linear rails have either a roller recirculation system or a ball recirculation system, and use a pinion and ground rack with inclined teeth. With two different configurations of adjustable feet, the misalignment can even be managed on irregular surfaces, thus allowing to easily and rapidly assemble the system without absolutely impairing its efficiency.



"Seventieth Axis" for robots. The misalignment can even be managed on irregular surfaces; the system is easy and rapid to assembly.

"Seventh Axis": three protection methods, from light to the dirtiest environment

The Seventh Axis range is structured in seven different solutions that can be combined with different robots. Three protection methods are designed to ensure efficient operations even in the dirtiest environments, ranging from light protection along the rack to a cover with axis that can be trampled. The latter is the ideal solution for applications entailing more processing residue, such as welding operations. The system can be configured for assembly with tracks on the ground, walls or ceiling. The "Seventh Axis" is, hence, a versatile product that can meet the most specific requirements of the single applications of both clients and the market, confirming Rollon's progress towards enhanced customization and expansion of its offer to solutions for industrial automation and integrated mechanical systems.

More info about:
<http://www.rollon.com>