

## roTeg presents trendsetting gripper solutions for robot systems at Automatica's user forum

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New solutions for robotic gripping-systems were presented at the user forum of this year's Automatica. Dr.-Ing. Thomas Graefenstein gave a lecture on this thematic focus and demonstrated many practical examples of how control and gripping systems work together as a team.

This year's participation in the trade fair for automation and mechatronics, already taking place for the fourth time, this year focusing on robotics turned out a great success for roTeg. Many potential buyers were informed about trendsetting technologies from the domain of automatic palletising. The presentation of intelligent systems standing out by flexible gripping tools as well as user-friendly and adaptable control software was a central point with roTeg. A palletising-robot system of the PARO® type with multifunctional gripper for the simultaneous handling of different package types served as an application example. A combined tongs-suction gripper alternately palletised canisters and boxes while being able to grab differing numbers of packages per cycle.

Automatica revealed a noticeable trend towards a rising demand and interest for automation. Not only the high amount of 31,000 professional visitors from 114 countries but also the potential buyers' animated participation in the discussions at Automatica Forum indicated an end of the economic crisis in the domain of automation. In this context, the expert lecture "Intelligence from a machine: how controls and gripping systems work as a team" by roTeg managing director Dr.-Ing. Thomas Graefenstein was followed with great interest. The panel discussion between experts and potential buyers showed a great interest in intelligent automation solutions.

about roTeg

general:

roTeg has been active in robotics industry since 1993 and has grown to be a specialist for palletising technology due to its innovative ideas. A further focus lies on special-machine construction for power-plant technology and automation solutions in explosive refinery areas. Well-known companies of all industries have been profiting from the solutions developed by the creative engineering team and manufactured by the in-house production.

palletising technology:

The palletising robots in combination with their gripping systems and control software produced by roTeg form an extremely

reliable and simply operable robot system. Depending on the requirement profile, a corresponding model of PARO will be offered for the optimised application in the company. The aim of the development is to take as much work as possible from the operator while offering flexibility. The robust construction and the constantly auto-diagnosing system guarantee for a high availability and process stability. Product changes or even the programming of new package patterns can be entered by the operating staff by means of the menu navigation. Due to the application of multifunctional grippers, the exchange of the gripping tool becomes obsolete, which adds up to the efficiency of the intelligent system. The flexible robot system with its timely control is adjustable to new tasks in the expanding market.

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