

Robot Technology in the Ascendant

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Press release from: [roTeg AG](#)



Multi Talent PARO® Juggles with Balls

At the shared booth of the Ministry of Economic Affairs and Energy of the State of North Rhine-Westphalia, the PARO® palletising robot demonstrated its skills and flexibility when handling unusual package types: In addition to boxes, also balls were palletised in Hannover this year.

The PARO® robot, originally designed for palletising processes at the end of production lines, placed balls onto an air stream at the trade fair, which then danced in the whirling air for some minutes. Afterwards, the robot caught the floating balls out of the air again and set them off on a ball pyramid. The compressed air for the whirling air stream was generated directly at the trade fair by trade-fair booth partners Boge and Beko by means of an innovative compressor system and was fed into the robot cell in conditioned form.

The multi-functionality of the gripping tools developed by roTeg was exemplary demonstrated here by means of a combined clamp-/suction-gripper, which was able to safely handle balls as well as box packages.

The transparent protective device and the robot accessible and viewable from all sides offered a precise insight in the technology of the PARO® palletising robot to the interested fair visitor.

Also the easily operable control and the user friendly operation concept could be well and vividly demonstrated with the trade fair robot.

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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