

PWR Pack at PPMA Total Show 2016:

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: PWR Pack High Speed Automation Lines completely manufactured out of stainless steel for ease of hy

Coatbridge, 19/07/2016 - 3D printing technology for grippers reduces production time; PWR Pack's innovative Vision Control System guarantees utmost precision.

PWR Pack specialises in robotic solutions for the food industry. The company develops individually tailored concepts that provide the highest levels of flexibility and performance in the packaging of a diverse range of products using innovative, modular-built technology solutions. With a whole range of new innovations, the company confirms its position as one of the leading players in the packaging automation industry. At this year's Total PPMA show held at NEC, Birmingham in September, the PWR Pack team will be on hand to discuss automation needs and showcase new developments:

PWR Pack 3D printing gripper technology

PWR Pack's high-grade, robust automation solutions are not only built to high quality standards but also for ease of hygiene management: all systems are constructed from stainless steel as a standard and all the grippers produced to handle naked products are totally washable.

The customer-specific gripper system is now produced using ultra-modern 3D printing technology on the basis of CAD drawings. This allows for highest flexibility as the production time of the gripper is reduced immensely also enabling extended testing phases. The lightweight construction of the gripper ensures the highest possible running speeds.

In addition to this the further development of PWR Pack's Pick & Place, Top Loading and Cutting Systems is focused towards current trends in the food industry. The company offers reliable and innovative packaging solutions for small portions and mixed packs – for example, for the snack and confectionery industries, as well as innovative robotics applications that cater to the growing market for packaged food products.

High-tech quality control by PWR Pack's innovative 3D-Vision System

PWR Packs innovative Vision Control system monitors all running processes ensuring perfect results with its high-tech quality control. It detects position, contour and thickness of the passing products with utmost precision and detail using

intelligent analysis-software that guarantee high quality control by monitoring deviations in real-time. Defective products are reliably marked by the innovative colour camera technology with colour differentiation and successfully rejected.

The implemented software, grippers and robotic cells are developed and manufactured by PWR Pack. Peter Mellon, Director of PWR Pack, emphasizes: “This allows us to offer perfectly matched systems to our customers. We focus on delivering high speed lines coupled with the highest possible line efficiencies in order to maximise your return on investment. The price to value ratio is very high ensuring a quick pay back of your investment.”

PWR Pack at PPMA Total 2016 in Birmingham

At PPMA Total 2016, taking place in Birmingham from 27 – 29 September, PWR Pack will present its impressive spectrum of automation solutions. At the PPMA Total Show that brings together buyers and sellers at one of the most visually dynamic exhibitions of the very latest processing and packaging machinery, materials, industrial automation and vision innovations, attracting a highly targeted quality audience, trade visitors can learn about the special gripper technology used in the various systems. PWR pack’s innovative pick & place systems have specialised in the distribution and packaging of highly delicate products with irregular contours, such as pastries or confectionery. In this segment, specialist pneumatic performance grippers guarantee the precise uptake, careful distribution and placing of the products – at high speed and maximum system efficiency. Intelligent vision systems ensure a secure quality control to eliminate defective products. PWR Pack’s 3D-vision software delivers reliable results even when products are inconsistent or changing light conditions prevail. Trade visitors can look forward to detailed information and advice with regards to the particularly precise, high-performance and efficient automation solutions:

PWR Pack at PPMA Total, Birmingham
from 27 until 29 September 2016 at booth D100.

Portrait

About PWR Pack

PWR Pack is the market leader in robotic solutions for the food industry. With its Headquarters in Ede, The Netherlands and offices in Scotland, Germany, Italy and Australia the company is established as a specialist in the field of robotic solutions thanks to ground-breaking technology and dedication to its customers. With a dedicated team of specialists, the company delivers and services automation concepts around the globe. The robotic solutions from PWR Pack, particularly in the field of pick & place systems, are produced with a high degree of in-house specialisation with all aspects of your project controlled in the new modern facility in Ede, The Netherlands the company moved into in May 2016.

All systems are equipped with an innovative, comprehensive, platform-independent PDS distribution software, reducing the complexity of the overall logistics. This allows the reliable, flexible packing of food at extraordinary high speeds. Innovative vision control systems carry out high-tech quality controls. PWR Pack’s automation solutions therefore guarantee the highest possible level of overall efficiency.

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