

News and Media

- News Releases
 - [Product News](#)
 - [Corporate News](#)
 - [Press Kits](#)
- [Media Coverage](#)
- [Case Studies](#)
- [Videos](#)
- [White Papers](#)
- [Media Library](#)
 - [Product Images](#)
 - [Logos](#)
- [Events](#)
- [Newsletter](#)

Social Media



PR Contacts

Jennifer Katchmar
Marketing Communication Specialist
Tel: 937.847.3384
[Email](#)

Sally Fairchild
Senior Marketing Manager
Tel: 937.847.3202
[Email](#)

Yaskawa Motoman Features Universal Robotics Neocortex – "Software with an IQ"

Dayton, OH (October 2014) – At Pack Expo 2014, Yaskawa Motoman will demonstrate unstructured depalletizing using Universal Robotics' flagship machine-learning software, Neocortex®. Neocortex is an interactive 3D learning platform that uses sensor input to learn and react in real-time providing extreme flexibility and adaptability. When combined with Motoman® robots, the applications expand the use of robots in logistics that were not practical or could not previously provide a suitable ROI. Applications now available for consideration include part induction, bin picking, kitting, and random and unstructured depalletizing.

The demonstration workcell highlights the benefits of using robotics in end-of-line palletizing operations, in addition to depalletizing operations for inbound logistics. The interactive, palletizing/depalletizing demo features a MPL80 robot with PalletSolver™ software and two MH50 robots guided by Neocortex Unlimited Depalletization application software in a dynamic and demanding environment. Users can create new pallet patterns from the cell HMI, as well as manually modify the pallet pattern at the depalletizing station simulating the on-demand environment of today's packaging world.

"MotoSight 3D Spatial Vision, based on Universal's Spatial Vision® Robotics, provides real-time 3D vision data to Neocortex, enabling our robots flexibility beyond what traditional machine vision guidance can provide for unstructured depalletizing," said Roger Christian, Vice President of Business Development and Marketing, Yaskawa Motoman. "The realization of handling a wide range of packaged consumer good products in various conditions and locations with Spatial Vision is a significant breakthrough and is an essential element to unlocking the robotics market in logistics, which over time, could rival unit sales only seen today in the automotive market."

According to David Peters, CEO of Universal Robotics, "Natural learning has a common pattern that's demonstrated by all creatures. Neocortex mimics these learning patterns. We've dedicated the past four years to perfecting Neocortex in material handling applications and integrating it with 3D vision from Spatial Vision Robotics. We're confident of quick adoption by customers in this market space."



About Yaskawa Motoman

Founded in 1989, the Motoman Robotics Division of Yaskawa America, Inc. is a leading robotics company in the Americas. With over 300,000 Motoman® robots installed globally, Yaskawa provides automation products and solutions for virtually every industry and robotic application; including arc welding, assembly, coating, dispensing, material handling, material cutting, material removal,

packaging, palletizing and spot welding. For more information please visit our website at www.motoman.com or call 937.847.6200.

About Universal Robotics

Universal Robotics is a software engineering company that creates state-of-the-art machine intelligence with multi-dimensional sensing and motion control to expand the reach of automation for a host of applications, making machines more flexible and providing learning from big data. Call 615.366.7281 for more information.

Quick Links

- Industrial Robot Models
- Motoman User Manuals
- Used Robots for Sale
- Career Opportunities

Media Center

- Y-Blog Robotics News
- Robotics Videos
- Case Studies
- Industrial Trade Shows

Automation Solutions

- Motoman Automation Group
- Robotics Integration Partners
- Pre-engineered Workcells
- Robotic Welding

Connect With Us

-  Blog
-  Twitter
-  Google+
-  Facebook
-  YouTube
-  LinkedIn



[Contact Us](#) | [Site Map](#) | [Visit Yaskawa Drives and Motion](#)
Copyright © 2016, Yaskawa America, Inc. All Rights Reserved.