

# MOTOMAN NEWS RELEASE

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## **MOTOMAN OFFERS COMPLETE, INTEGRATED END-OF-LINE CASE AND TRAY PACKING SOLUTIONS**

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Dayton, Ohio — Motoman offers complete end-of-line automation solutions that include robotic case packing modules (into plastic trays or corrugated cases), robotic palletizing modules, RFID tag readers, FIFO product accumulation systems, recirculation conveyors, banders, and stretch-wrappers.

These fully integrated solutions use patented multiple robot control to case pack multiple products at the same time within the same workcell and eliminate tooling change ordinarily required to create product variety packs and handle mixed-load pallets to meet customer requirements.

Motoman's new application-specific EPL-series "Expert Palletizing" and HP-series robots with NX100 controllers perform the case packing and palletizing. Other equipment is provided by Motoman Strategic Partners including Dillin Automation Systems (accumulation systems), Arrowhead Systems (recirculation conveyors), and RMT Corporation (end-of-arm tooling). Drives and controls are provided by Motoman's parent company, Yaskawa Electric Corporation.

The fully integrated solution showcased in Motoman's booth (N613) at Worldwide Food includes four robots. A FIFO vertical accumulator feeds a recirculating conveyor served by the dual HP6 robots and splits it from one lane into two lanes. Dual six-axis HP6 robots (6 kg payload) with NX100 dual robot controllers (DR2C) in a PackWorld 6200 module case product from the recirculating conveyor. A five-axis Motoman EPL80 robot (80 kg payload) then palletizes and depalletizes mixed product loads of boxed gelatin and cookie product into variety packs, per requirements. The system includes an RFID reader. An HP20 robot decases the pallets and returns product to the vertical accumulator.

The NX100 robot controller also controls all of the sensors, stops and locators on the recirculating conveyor through its enhanced ladder logic functions. No PLC is required, which simplifies programming and reduces overall system cost.

For more information on Motoman's end-of-line case and tray packing solutions, or other Motoman products and services, visit the corporate web site at [www.motoman.com](http://www.motoman.com), call 937.847.6200, or write to Motoman Inc., 805 Liberty Lane, West Carrollton, Ohio, USA 45449.

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