

FANUC America Showcases Robotic Solutions for Food Processing and Packaging at IPPE 2024

ROCHESTER HILLS, MI – (Jan. 8, 2024) – FANUC America, a leading supplier of CNCs, robotics and ROBOMACHINEs will demonstrate its latest robotic solutions for food processing and packaging at the [International Production & Processing Expo \(IPPE\)](#) Jan. 30-Feb. 1 in Atlanta, in Booth #B43061.

FANUC DR-3*i*B/6 STAINLESS Delta Robot Handles Protein

The [DR-3*i*B/6 Stainless](#) is FANUC's stainless steel food-grade delta robot for picking and packing primary foods. Rated IP69K, the robot complies with U.S. national food safety standards, which will help companies increase their production efficiencies without compromising food safety.

At IPPE, the DR-3*i*B/6 STAINLESS robot will use 3DV *i*RVision and *i*RPickTool line tracking software to pick randomly oriented pieces of chicken from a continuous infeed conveyor. Equipped with a Soft Robotics gripper, the robot picks chicken breasts and reorients them onto an outfeed conveyor with trays. The cell features high-speed picking with product re-orientation.

The DR-3*i*B/6 STAINLESS features a fully enclosed stainless-steel body that is resistant to the chemicals and high pressure/temperatures required in strict wash down environments. It has a 1200mm reach (450mm height) and a powerful four-axis design allowing it to handle up to 6kg payloads at high speeds. The robot's mirror-like surface finish ensures that any microbial contaminants can be washed away cleanly. Additional features such as NSF H1 food grade lubricant, secondary oil catch basins (with viewing windows to monitor potential leaks), self-draining surfaces and many other small details driven by food safety standards, makes the DR-3*i*B/6 STAINLESS an ideal solution for primary food handling applications.

The robot operates with FANUC's latest R-30*i*B Plus controller with integrated intelligent functions such as *i*RVision, Force Sensing, Robot Link, Collision Guard and Zero Down Time (ZDT).

FANUC CRX-25*i*A Cobot Demonstrates Case Palletizing

A CRX-25*i*A robot offering a 30kg payload and 1,889mm reach will demonstrate case palletizing. Guided by a 3DV/200 *i*RVision® sensor mounted to the arm, the CRX-25*i*A will palletize boxes to nearly 7' high. In addition, the CRX-25*i*A will be mounted to a mobile cart to showcase its flexibility. The robot can be easily repositioned by hand and uses vision to automatically adjust to its new location and continue working accurately.

FANUC's series of [CRX collaborative robots](#) all provide the utmost reliability, flexibility, and can run for eight years without maintenance.

M-10iD/12 Food-Grade Option Robot Picks and Packs Wrapped Protein

FANUC's Food-Grade M-10iD/12 robot picks wrapped protein and packs it into a box. The demonstration highlights the robot's speed and flexibility to handle various payloads. Additional software features include Collision Guard, Constant Path, and Singularity Avoidance.

The M-10iD/12 and larger M-20iD/25 Food-Grade options are members of the [M-10iD](#) and [M-20iD](#) robot series. Both models feature white epoxy paint, IP65 standard body protection (IP67 wrist + J3 arm), food-grade oil on all axes, stainless steel wrist flanges, motor covers, corrosion-resistant fasteners, and the Severe Dust & Liquid Protection package.

The M-10iD/12 has a 12kg payload and a 1441mm reach, and the M-20iD/25 offers a 25kg payload and 1831mm reach. A long reach, including the backflip region, coupled with a lightweight and sleek design makes it easier for customers to use the robots in their available workspace, which is often at a premium. A large hollow wrist and arm allows internal cable routing to prevent snagging and minimize interference with work pieces and fixtures.

For more information visit [IPPE 2024 | FANUC America](#).

About FANUC America Corporation

FANUC America Corporation is a subsidiary of FANUC CORPORATION in Japan, and provides industry-leading CNC systems, robotics and factory automation. FANUC's innovative technologies and proven expertise help manufacturers in the Americas maximize productivity, reliability and profitability.

FANUC America is headquartered at 3900 W. Hamlin Road, Rochester Hills, MI 48309, and has facilities throughout North and South America. For more information, please call: 888-FANUC-US (888-326-8287) or visit our website: www.fanucamerica.com. Also, connect with us on [YouTube](#), [Twitter](#), [Facebook](#), [LinkedIn](#) and [Instagram](#).

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