

FANUC Demonstrates Robotic Solutions at the International IPPE Expo

Robots and Cobots are Ideal for the Protein Production and Processing Industries

FOR IMMEDIATE RELEASE

ROCHESTER HILLS, MI – (Jan. 13, 2022) – FANUC America, the leading supplier of CNCs, robotics, and ROBOMACHINEs will demonstrate innovative and easy-to-use robot and cobot solutions for protein production and processing at the International IPPE Expo, Jan. 25-27 in Atlanta, in booth #C10967.

CRX Collaborative Robot

FANUC's CRX cobot is an easy-to-use and flexible solution for a variety of applications, including palletizing, packing, inspection, and many more. Built-in sensors on each axis can allow the CRX cobot to work safely alongside people without the need for expensive guarding. In addition, the CRX can operate for eight years maintenance-free, which is a game-changer for companies looking to lower costs and maximize productivity.

At the show, a FANUC CRX-10iA/L equipped with an *iR*Vision® [3DV/200 vision sensor](#) will demonstrate case palletizing. The CRX will use the 3DV sensor to find a box, pick it up from one pallet and place it on another pallet.

The [CRX collaborative](#) robot offers the same high level of performance that all FANUC products are known for including the latest technologies and world-renowned reliability. It supports several of FANUC's advanced features including *iR*Vision®, and is a perfect fit for any application where collaborative robots can help customers achieve higher efficiencies. Also, interactive programming enables users to teach points using hand guidance or a new tablet interface with drag and drop icons. [Click here](#) to watch the FANUC CRX in a wide range of applications.

DR-3iB/8L Food Grade Delta Robot

FANUC's [DR-3iB/8L food-grade delta robot](#) uses 3DV *iR*Vision and *iR*PickTool 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. The cell features high-speed picking with product re-orientation. The DR-3iB sets a new standard for robotic food handling in terms of payload, speed, reach and sanitation.

The DR-3iB delta robot is FANUC's latest solution for picking and packing primary and secondary food products. Rated IP69K, the robot meets the most common food safety standards. Its design features corrosion-resistant materials, an unpainted finish, and a fully enclosed body allowing it to tolerate high pressure/temperature and sanitizer wash down environments.

A powerful four-axis design and higher wrist inertia allows the DR-3*i*B/8L to handle 8kg payloads at very high speeds. Improved repeatability maximizes accuracy, and a hollow wrist design keeps all gripper wires and piping tucked inside. In addition, a large work envelope featuring a 1600mm reach (500mm height) is ideal for applications that require more range such as reaching into tall boxes or handling product on wide conveyors.

The DR-3*i*B 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).

High-Speed SCARA Robots

A FANUC SR-12*i*A robot with the Environmental Option will pick and place trays of 30 eggs into a six-tray crate, then pick up and transfer a full crate to demonstrate the SR-12*i*A's payload capability. The Environmental Option includes white epoxy coating, bellow covers, anti-rust bolts and seals, and an IP65 rating to withstand dust and liquids.

FANUC's family of 4-axis [SCARA](#) robots has grown to include the SR-3*i*A, SR-6*i*A, SR-12*i*A, and new SR-20*i*A models with 3kg, 6kg, 12kg and 20kg payload capacities, and a 400mm - 1100mm reach, respectively. FANUC's SCARA robots are designed to help customers increase productivity in a number of industries including consumer goods, auto components, plastics, food and beverage, lab automation, appliances and medical device manufacturing.

The small SR-3*i*A and SR-6*i*A SCARAs have a compact footprint and space-saving design for maximum efficiency. In addition, the SR-3*i*A/H and SR-6*i*A/H are 3-axis variants that provide strong performance and an affordable alternative to small linear slide products. The higher-payload SR-12*i*A and SR-20*i*A robots provide flexibility with a large vertical stroke, and an Environmental Option for harsh conditions. All of FANUC's SCARA robots include exceptional robot motion, speed and precision.

Powered by the R-30*i*B Compact Plus controller, FANUC's SCARA robots have the same intelligence and reliability that's available on all FANUC robots, including integrated *i*RVision, conveyor tracking (*i*RPickTool), and most other software options. FANUC's latest SCARA *i*RProgrammer user interface makes it easy to setup and program the robot on a Tablet or PC (Teach Pendant is optional).

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 embraces a culture of "[Service First](#)" which means that customer service is our highest priority. We are committed to supplying our customers with parts and support for the life of their FANUC products.

FANUC America is headquartered at 3900 W. Hamlin Road, Rochester Hills, MI 48309, and has facilities in: Auburn Hills, MI; Atlanta; Boston; Charlotte; Chicago; Cincinnati; Houston; Huntington Beach, CA; Los Angeles; Minneapolis; Montreal; Pine Brook, NJ; Pontiac, MI; Birmingham, AL; San Francisco; Seattle; Toronto; Buenos Aires, Argentina; Sao Paulo, and Manaus, Brazil; and Aguascalientes, Monterrey, and Queretaro, Mexico. 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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