



Cheese & Dairy Automation Experts

ROBOTIC AUTOMATION SOLUTION

EoL

END OF
LINE

Located in the heart of Wisconsin's Dairyland, Quest has built its success creating robotic automation solutions for cheese and dairy producers. We have a portfolio of solutions that are not only USDA and USDA Dairy compliant but are also designed for wash down environments. The diverse expertise of our engineers will help your company improve efficiency, reduce costs, increase production and provide a safer work environment. Quest will help you better utilize the space available and improve the flexibility of your production line in a carefully designed and pain-free process that fits your needs.

QUEST DIFFERENCES

- We understand 3-A, USDA, & FDA compliance and encompass those regulations within the equipment to help your facility pass safety and quality standards.
- Our engineers understand the environmental conditions of the industry and our solutions use materials designed for durability and easy sanitation practices.
- We have worked with many cheese manufacturers and will work with you to identify areas of your processes in which robotics will excel.
- Our proprietary Qleen Coat Robotic Coating and specialized Robotic Drip Management solutions enable robotic automation for the rigorous environments in the cheese and dairy industry.

> DIRECT PACKAGING SOLUTIONS



QSE Quik Salinity Testing

- Reliably and accurately test your pasteurization holding time
- Quest Qleen Start Valve eliminates the need for a start conductivity probe, providing more accurate results and consistently performing more quickly and reliably than the leading competitor's system
- Pressurized salt solution is released and detected by the probe at the end of the holding tube



Brine Tending

- Robotic picking and orientating from brine discharge
- Clean, reliable system
- Integrated, automated state-of-the-art vision technology



Ultrasonic Cutting

- Nearly frictionless surface to which food does not stick nor deform
- From 8 to 120 cuts per minute while changing cut shapes and patterns instantly
- Cuts product into consistent weights and/or shapes



Raw Product Loading

- Custom solution loading raw product into packaging machinery
- Compatible with a wide variety of existing packaging machines
 - Rotary and linear vacuum sealers
 - Horizontal and vertical form/fill/seal machines
 - Overwrap machines
- Nest and orientate product with vision technology (application dependent)
- Loads a large range of products from .5oz to 40lbs

> DIRECT OR SECONDARY PACKAGING SOLUTIONS



Tote Loading

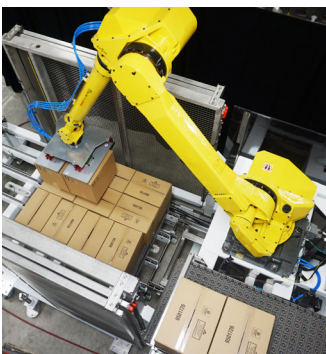
- Pick and place many different sizes, shapes, and textures of raw or packaged products into bulk containers
- Pick and place 80 pieces per minute, from 2lbs to 40lbs



Quik Pick Series Robotic Pick & Place

- Optimized for raw or flexible packaged products
- Uses FANUC vision system to identify, locate, and track incoming products on the conveyor, eliminating the need for complex infeed systems and minimizing changeover downtime

> SECONDARY PACKAGING SOLUTIONS



Boxed Bot Series Robotic Palletizing

- Available as a modular or skid-based solution
- Modular engineering allows for quality control and complete flexibility in machine design
- Features a long-reach robot to produce higher stack patterns that maximize tractor-trailer loading for more efficient shipping

MEMBERSHIPS & PARTNERSHIPS



WISCONSIN
CHEESE MAKERS
ASSOCIATION
EST. 1891



IDFA
International
Dairy Foods Association





Quest is a full-service robotic integrator that specializes in automation solutions across food, beverage, plastics, metal, and other industries needing to optimize floor space, expand operations with accuracy and consistency, and improve overall production line flexibility and efficiency. Many of our packaging solutions meet industry-specific requirements with specialized tooling, software, and protective coatings designed for dairy, produce, and other markets. Our unique robotic solutions include applications in pick and place, cup filling, knife cutting, vacuum sealing, case erecting, tray forming, palletizing, vision and verification systems, and much more, including bundling multiple application technologies into a single robotic packaging cell.

303 N 29th Avenue

Monroe, WI 53566

United States

P: (608) 325-5850

F: (608) 325-5928

E: Quest@ProMachBuilt.com

Questindustrial.com