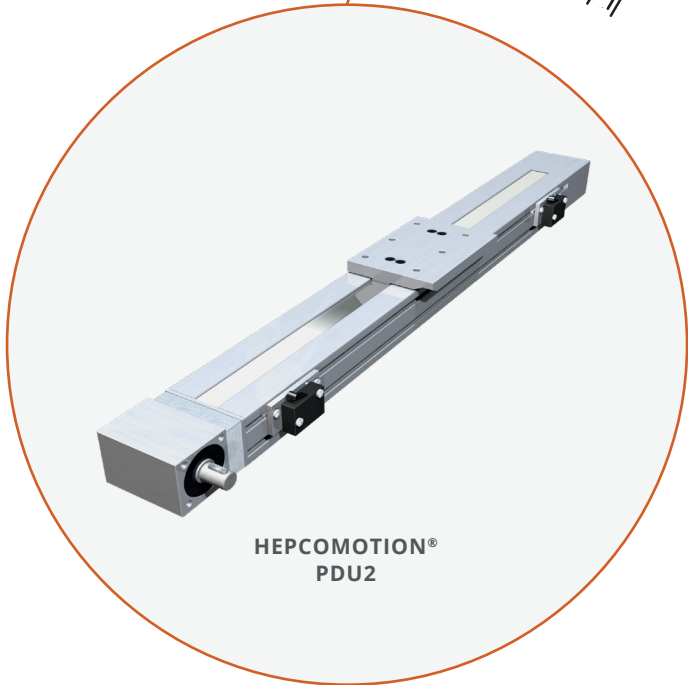
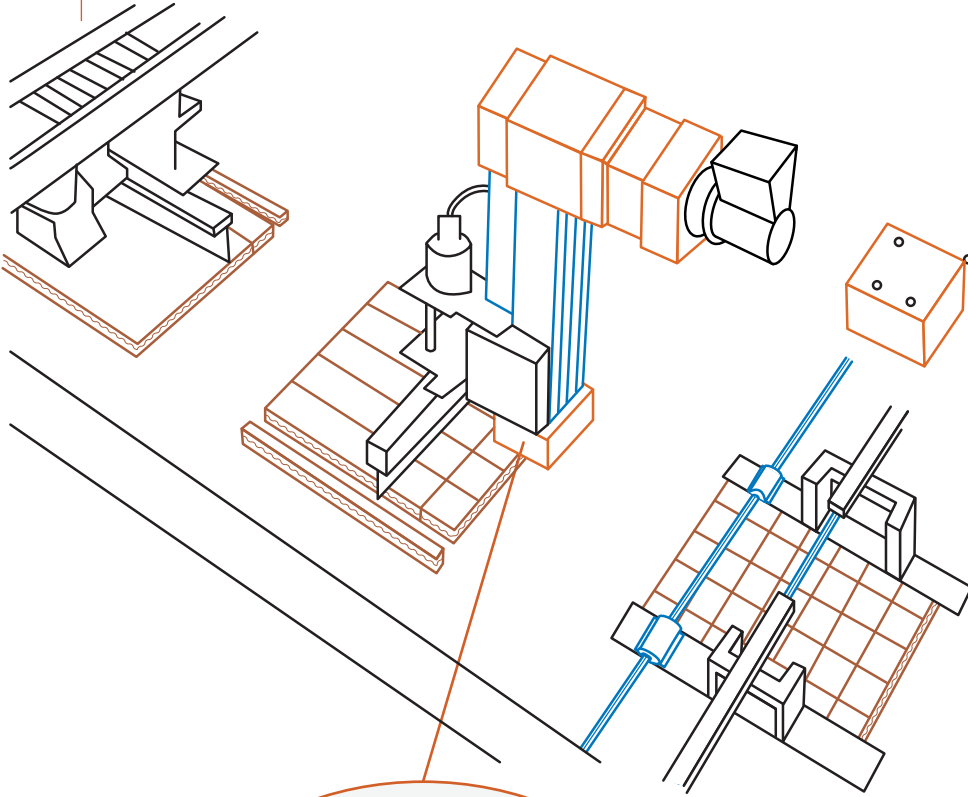


PRODUCT USED

HepcoMotion® PDU2, Corrosion Resistant
SteadyRail™ Linear Stage, Stainless Steel



HEPCOMOTION®
PDU2

Industry: Food-Cutting

Ultrasonic Cake Cutter

High-throughput, high-reliability cutting of frozen cake thanks to PDU2 actuators and SteadyRail™ linear stage

Application Description

Two ultrasonic vibration blades are actuated in order to slice frozen cake into a grid when it passes on a conveyor. Each is mounted to an XZ gantry which uses Hepco PDU2 actuators. These belt-driven systems can operate at up to 6 m/s for high-throughput applications and come in a corrosion-resistant variety.

Additionally, a Bishop-Wisecarver SteadyRail™ Linear Stage provides a smooth-running axis for the components that scrape away the excess cake from the edges. Though actuated independently, both scrapers are attached to ball bushings on the same SteadyRail™ system. In this particular configuration, the round rails of the linear stage are made of stainless steel and supported at each end across the 3 ft conveyor span.

Why Bishop-Wisecarver

- PDU2 actuation speeds up to 6 m/s
- SteadyRail™ provides out-of-the-box solution
- Stainless steel and corrosion-resistant options available
- Smooth guided motion
- Versatile components