Food Industry Pick, Place and Packaging
Environment Ideal for Guide Wheel Technology

Challenge
Flexicell, a company which designs and manufactures robotic material handling for the food, beverage, pharmaceutical, healthcare, and durable goods industries needed linear guides that could withstand the elements in a food production environment. They also needed to accommodate a variety of lengths, speed and load requirements.

Application Description
Case packing, tray loading, palletizing cells and various other types of loading and unloading systems required a two-axis pick and place system, driven by two servo motors. Used to top load cases, trays, cartons and other containers, the system would also serve as a collator, pattern maker and/or used to load products into other packaging machines.

Solution
The customer was interested from the beginning in guide wheel technology based on its excellent performance record over the years in harsh environments. Speed, up to 40 cycles per minute/100” per second and loads up to 75 pounds were also handled well with guide wheel technology.

Products Used
HepcoMotion® GV3 with P1, P2 and P3 Precision Grade Slides

Contact us to discuss your specific linear motion needs: 888.580.8272 – or visit us online at www.bwc.com

(Catalogs may be downloaded directly from www.bwc.com)