



FOOD PACKAGING

FOOD PROCESSING EQUIPMENT



MULTI-AXIS
CAPABILITIES



LONG
LENGTH



CUSTOMIZABLE



LOW TOTAL
COST OF
OWNERSHIP

Food industry pick & place packaging environment ideal for guide wheel technology.

Case packing, tray loading, palleting 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.

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.

RESULTS

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 Precision Grade Slides