



Client Solutions

Robotic Case Packer

Problem

Restaurant chain supplier was looking for automated system to reduce the labor requirement necessary to place 2oz and 8oz tubs of product into cases for distribution to the end users. Due to growing demand for product customer needed an automated method to meet escalating production requirements.



FANUC Robot in Work Cell



End Effector Moves Level of Product



Servo Controlled Collator



Slip Sheet Being Inserted Into Case

KLEENLine Solution

Provide a turnkey fully automated system to take the product from a single file presentation and deliver filled cases of product from the work cell. The system feature quick change parts to convert the automated system to handle various products. The system featured the following key areas:

Servo controlled collator to orient the product in lanes for the pick and place station.

Integrate conveyor system to transport boxes to the feed station and transport filled cases to the case taper.

Provide the complete turnkey Robotic cell where product is picked up and placed into cases with a slip sheet feeder to install slip sheets between layers of product in the case.