THE APPLICATION: Filling and Weighing Processed Fruit While Detecting Product Contamination

THE PRODUCT: Stainless Steel Heavy Duty Chain Driven Live Roller Conveyor, Stainless Steel Gravity Roller Conveyor and Stainless Steel Framework and Chutes

THE INDUSTRY: Food Processing

THE NEED: A food manufacturer needed to fill and weigh containers with dried fruit while separating any product potentially contaminated with metal. The system also needed to be loaded and unloaded with a fork truck.

THE SOLUTION: Omni Metalcraft Corp. provided a Stainless Steel, Corrosion Resistant, Heavy Duty Chain Driven Live Roller Conveyor, Stainless Steel Gravity Roller Conveyor and Custom Chutes. The Stainless Steel CDLR conveyor transported a container that received dried fruit from a Stainless Steel Chute fed by a metal detector. If metal was detected within the product, the chute would close and divert the product to a separate container. The container on the CDLR Conveyor was weighed, and when full, it was conveyed onto a Stainless Steel Gravity Roller Conveyor equipped with fork truck stops and deflectors. The full container was then removed using a fork truck.

- Custom fitted catch pan under metal detector for contamination prevention
- Stainless steel reject chute
- Heavy duty single post legs
- Heavy duty stainless steel CDLR conveyor
- Fork truck deflectors
- Fork truck stops