



Intelligent Robot Solutions

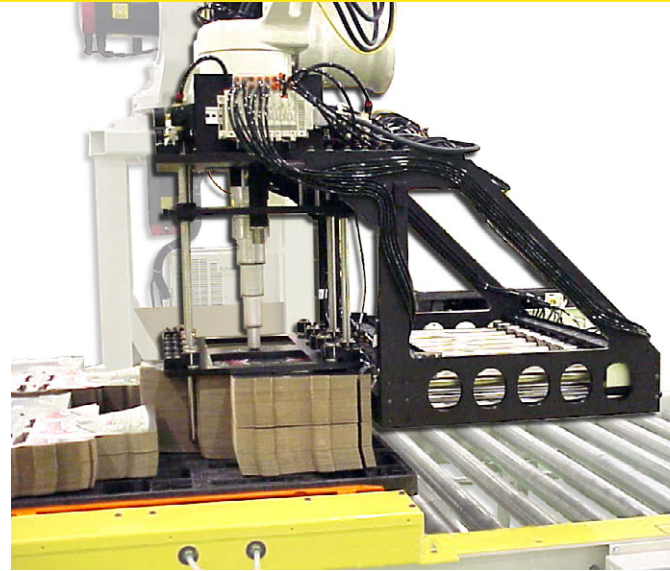


Application: Palletizing

Industry: Paper & Printing

Company Name: Large Folding Carton Manufacturer

Products Used: FANUC M-410i



FANUC M-410i robot handling stacks of folding cartons.

Challenges:

Stacks of beverage folding cartons are conveyed from the cutter and are manually palletized for future transport to the folder-gluer line. Each stack is approximately 12" high and weighs up to 185 pounds. The system must handle three sizes of cartons.

Solution:

FANUC Robotics provided a turnkey system that included Lot Design, Engineering, Project Management, and Systems Integration at our facility and at the customer's site.

System components included:

- Infeed conveyor for transporting stacks three up
- (1) M-410i robot and R-J3 Controller two-way fork style end of arm tooling and (4) stack squaring/centering rod pallet dispenser
- (2) outfeed conveyors for palletized product
- Crossover pallet conveyor
- Product Infeed conveyor from cutter
- Two door control panel safety fencing and light curtain