

AUTOMATIC FEEDING SYSTEMS

Automatic Pick & Load System

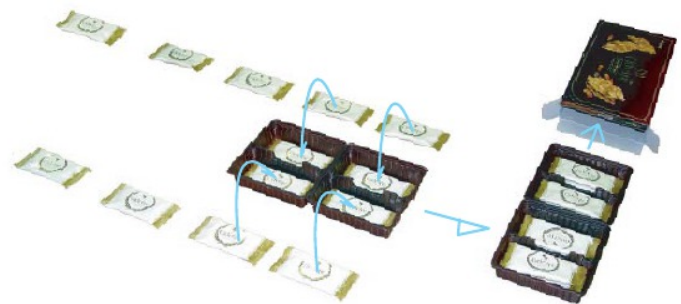


Tray feeder

- Double tray feeder
- 2-step motion pushing device
- Photo eye sensor
- Servo driven motion

Pick & Load System

- X-Y two step movement
- Vacuum pad pick up system
- Product photo sensor & encoder counter system
- Inverter speed control
- Can be integrated with Tray feeders
- Motion, Servo controlled
- Can be synchronized with tray feeder and tray conveyor
- Photo sensors and proximity switches
- PLC Master-K PLC
- MMC motion control



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Rotomac Horizontal Collating System



400 Products / Min



Compatible with products with different lengths

Machine Features

- Accelerating infeed belt conveyor with 90° twist belt equipped with optical sensor for product length
- Air blast rejection system and product pitch control with photo eye sensors on infeed belt conveyor
- Air blast rejection system for misfed products
- Collate unit driven by two servomotors
- MMC motion control, PLC & servo controlled
- Photo eye and proximity sensors
- Safety guard in transparent polycarbonate, easy to open/close
- Interface touch screen panel, all functions easily accessible



Photo eye sensor for precise timing for putting products into receiving buckets



Air blast rejection for misfed products

Options

- Product changeover with different sizes and numbers
- Interlocking with overhead transfer and down-stream wrapper
- Interlocking with cartoning machine and automatic feeding into infeeding buckets of the cartoner



Interlock with overhead transfer and down-stream multi-wrapper