![RAINBOW COMPUTER TECHNOLOGY logo]

Rainbow Computer Technology at a Glance

Equipment
Printers
Inserters
Pre / Post

Service
Preventative
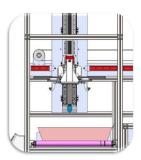Maintenance
Professional Services

Parts
Engines Belts Rollers
Print Heads Fingers
Filters Springs

Consumables
Ink / Pigment
Toner
Developer

See the Helix in Action here!

HELIX SORTS AND TRAYS YOUR MAIL

Save Time and Increase Productivity

Less Operators – Less Cost

Helix manages high-speed input from a press or inserter. It attaches at the point of the traditional envelope stacker.   AI technology senses when mail trays are full, auto advances and fills mail bins by count or batch. The Helix replaces turnover and exit tables and is compatible with tray tag printers that can read IMB scan codes and will identify count with option to sort by barcode.

Helix Sorter Stacker
Automated Mail Sorter and Stacker

PATENT PENDING TRAY SEPARATOR

30 SECONDS PER BIN

50,000 PIECES PER HOUR

Features & Benefits
- Up to 75 empty mail bins can be stacked at a time
- Up to 4 output bins on queue for unloading
- Managed product input speeds of 50,000 envelopes/hr
- Cycle time is estimated at 30 seconds per bin
- Configurable for multiple size bins
- Utilizes Steamfeeder, Feedmax bulk autoloader
- Interchangeable Configurations, right to left or left to right
- Handles batch processing with read capabilities

Specifications

Electrical Requirements
- Pneumatic Requirements: 90 PSI @ 25 scfm
- Electrical 208 VAC – Three Phase

Machine Frame Options
- Aluminum extrusion-based frame with a grid mesh infill material
- Option for steel frame weldments or poly mesh infill

Dimensions
- Length   13.6 ft
- Height   9.6 ft
- Width   8.3 ft

Controller Capabilities
- Power and controls for motion axis
- User interface
- Speed reference
- Error reporting
- Feeder angel adjustment
- Bin size adjustment
- Letter adjustment size
- Machine safety and controls
- Standard ul508a controller with standard protection elements