



## RTS (1812M) **ROBOTIC TRAY SYSTEM**

Fleetwood's Robotic Tray Systems (RTS) optimize line efficiency in the can-end manufacturing process by providing distribution and accumulation of shells as required. The intelligent robot seamlessly balances infeed and discharge rates, as well as the number of lanes, to ensure smooth operations. With the use of removable metal trays, excess production can be stored or utilized as a supplemental supply for periods of underproduction, aligning perfectly with the needs of upstream and downstream equipment. The RTS sets the industry standard by effortlessly handling the fastest line speeds and meeting the highest efficiency demands in the market.

# WHY CHOOSE THE FLEETWOOD RTS (1812M) ROBOTIC TRAY SYSTEM

## Features

- Production capacities up to 14,000 spm
- Capability for ends from 200 to 206 diameter
- Infeed configurations up to 8 lanes
- Discharge configurations up to 12 lanes
- Low maintenance requirements
- Floor-level design for superior product visibility
- Full system accessibility without platforms
- Air hold-ups and servo-controlled stick handling of shells with minimal pressure and product contact
- Reliable product/color change and isolation functionality
- User-friendly Allen-Bradley PLC control system

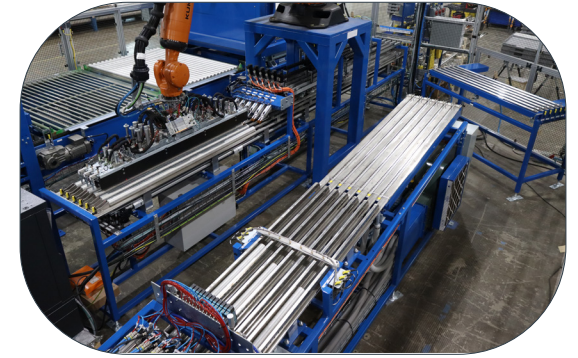
## Available Options

- Custom lane quantity configurations and system layouts
- Tray handling configurations for any metal storage trays from any manufacturer
- Automatic product/color change marker detection
- Color change QC sample drawer for product inspection/reintroduction
- Indexing table for dual-product production on separate machines
- Counting & tracking systems for tray stack shell counts and daily production information
- Siemens PLC control system
- Choice of robot supplier

## Fleetwood RTS (1812M) Robotic Tray System

Fleetwood's Robotic Tray Systems efficiently handle the distribution of shells and isolates upstream from downstream production. Infeed lanes separate sticks of ends by length, and the robot transfers the sticks to either storage trays or discharge lanes based on product demand. Trays are stacked as they are filled and can be stored outside the RTS to build up product inventory that is put back into the RTS when needed to maintain production flow.

Fleetwood's floor-level design provides open visibility to the product in production and easy access without platforms. Optional tray handling configurations allow the RTS to handle new or other metal trays from existing inventory. The system reliably handles product type or color changeover to isolate primary from secondary products and maintain production. With optional automatic product, change marker detection operators can focus on the changeover in other areas of the line. The RTS system is built for the demands of 24/7 operation and is driven by Fleetwood's user-friendly control system. All Fleetwood equipment is designed around the same customer-focused, reliable, and innovative approach that has made us a leader in the can-end market since 1956.



Low level design allows floor level access



Handles new or existing metal trays



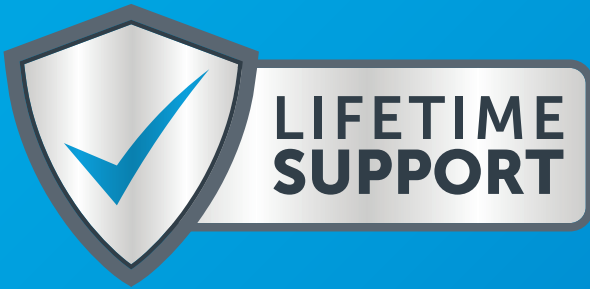
Picks & places multiple lanes at once



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Let's design a solution together.

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