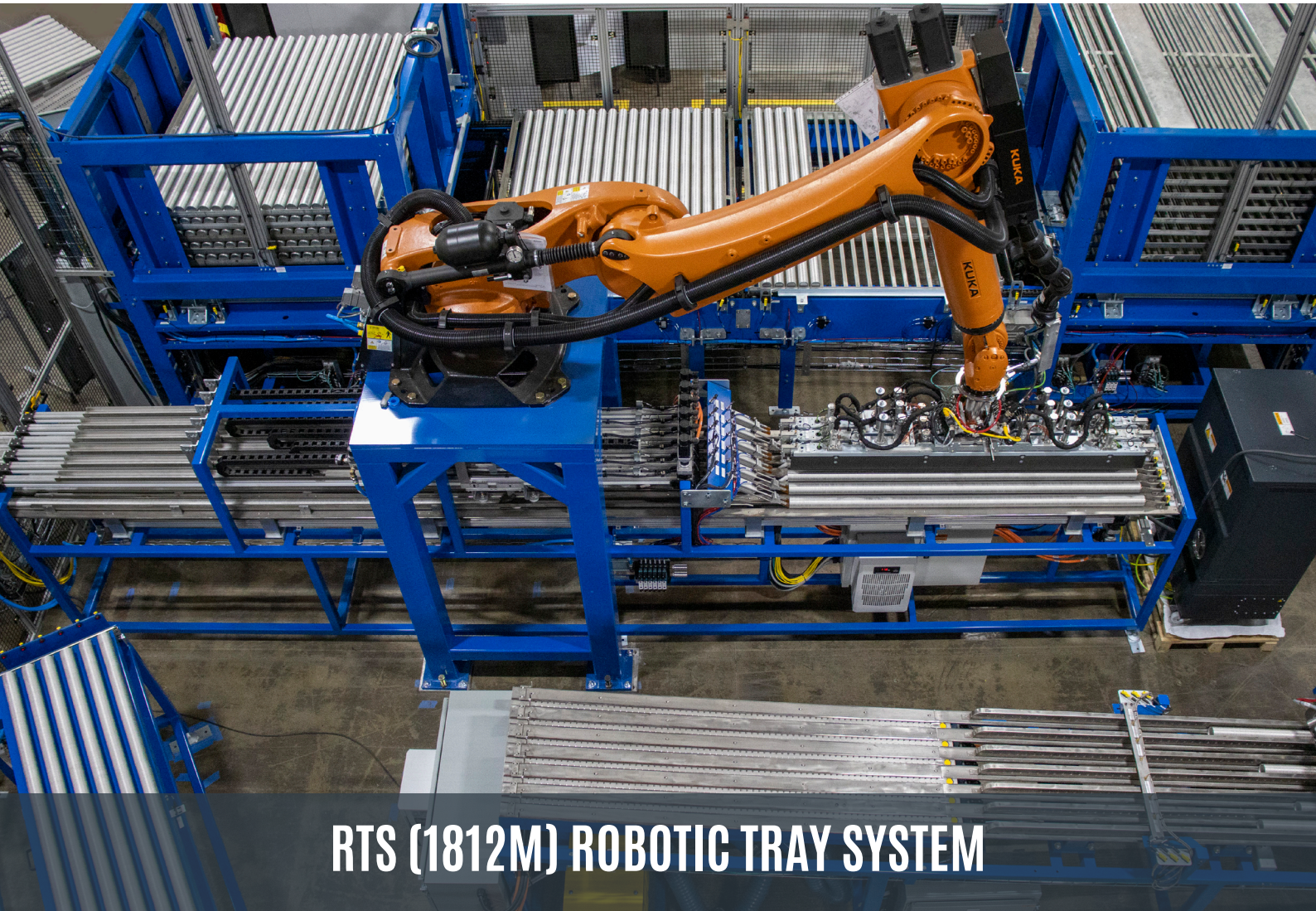




FLEETWOOD
by **bw** packaging

END-OF-LINE

END HANDLING



RTS (1812M) ROBOTIC TRAY SYSTEM

Video 

Fleetwood's Robotic Tray Systems (RTS) optimise 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 utilised 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.

Fleetwood RTS (1812M) Robotic Tray System

DESCRIPTION

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 colour 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.

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/colour change and isolation functionality
- User-friendly Allen-Bradley PLC control system

AVAILABLE OPTIONS

- Custom lane quantity configurations and system layouts
- Tray handling configs for any metal storage trays from any manufacturer
- Automatic product/colour change marker detection
- Colour 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



Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Robotic Tray Systems can benefit your company.