

TC-RSC Series

Case Closer - Tape or Glue



Robotic Packaging Solutions



Case Closer - Typical Configuration

The fully automated Case Closer is configurable for tape or hot melt glue style closing and is ideal for high throughput RSC0201 style shipper cases. The built in case transports system guides the open case through folding of the top minor and major flaps before closing with tape or hot melt glue.

With integrated open flap detection and low-level tape or glue warning this versatile Case Closer is designed for continuous operation with very little operator intervention.

Features and Benefits

- Full length doors for easy maintenance and cleaning
- Integrated mechanical or automatic adjustments
- Wide case handling capability with quick size change
- Designed for 3-shift continuous operation
- Tape or hot melt glue for a secure case seal
- Low impact tape or glue sealing protects case contents
- Continuous reliable performance within a compact foot
- Optional integration of a labeller and/or data printer



Technical Information

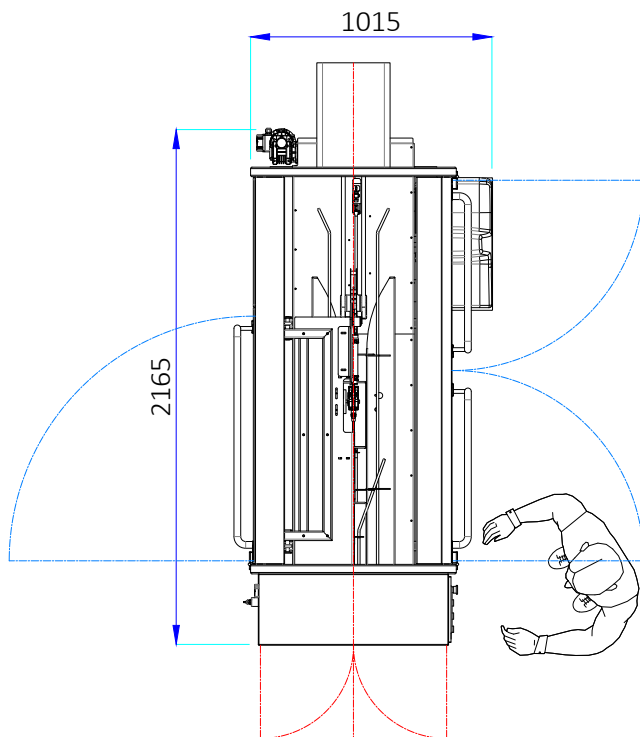
Base Machine Modules	- Control Panel – AISI 304L, IP66 - Integrated Carton Transport Conveyor System - Flap Closing (Top Minor and Major Flaps) - Tape or Nordson Hot Melt Gluer as Required
Machine Frame	- Fabricated Stainless Steel with Polished Finish - Anti-Vibration Support Structure - GMP Features For Easy Cleaning
Control System	- Allen Bradley, Schneider or Siemens Options
Software Functions	- Format Control/Format Settings List/Data Location - Control Of The Conveyor Speeds By TCP/IP - Upstream/Downstream Signal Connectivity
Safety	- Interlocked Doors - E-Stop On The Main Operator Panel - Power Isolator With LOTO

Operator Interface

HMI Display	- Colour Touch Screen - Fixed Mounting In Stainless Steel Panel
Operator Controls	- Alarms, Warnings, Operator Prompt Messages - I/O Status Check - Machine State (Ready, Running, Alarm, etc.) - Counters (Throughput Rate, etc.) - Standard Password Protected Local Machine Access Levels

Service Specifications

Electrical Supply	- 400v, 50Hz, 3 Phase, Neutral + Earth
Compressed Air	- 6 Bar Clean Dry Compressed Air
Control Voltage	- 24 V DC (Internal)
Pneumatics	- Festo, SMC or Bosch Rexroth



2D Layout of Case Closer - Typical Configuration



Case Top Flaps Closed with Glue



Case Closing Sequence



Customised Engineering & Integration



24/7 Technical Support