NAS

Mantis™



Robotic Trim Press Handler

Revolutionary Robotic Trim Press Handler

The Mantis™ robotic trim press handling system is the next generation in thermoformed product handling. Compatible with all trim presses but specifically designed for both non-servo- and long-eject models. This compact and configurable system fits within your facility and interfaces with any trim press make or model. Product containment throughout the process dramatically reduces jams and product loss. Highlights include: compact trim press receiver (TPR) – patent pending, VeriTool™ RFID tool verification – patent pending, no product contamination, simple intuitive controls, product isolation and reject through HMI, plus quick and easy changeover.

DOWNSTREAM AUTOMATION

- Wrapping
- Case packing
- Palletizing

Advanced Digital Readiness (ADR) IIoT Remote Connectivity & Monitoring

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Seeing is believing.

See the Robotic Trim Press Handler System in action.

Mantis™

Reduce downtime. Faster changeover.

The Mantis™ robotic trim press handling system allows material to expand naturally prior to entering the pin chain, eliminating distortion with the sheet. It is designed to utilize minimal floor space, promotes even heating on both side and is a complete stand-alone solution.

Compact Trim Press Receiver (TPR)

- Accepts continuous product flow from non-servo-eject trim presses
- Accurate, automated counting & separation
- No special tool dies required
- Patent pending

Complete Product Containment

- Front & back containment throughout process
- Eliminates jams from fall back or forward
- Virtually no scrap product while handling

Roll-away Functionality

- Automated at a push of a button
- Quick & easy access to setup

Repeatable & Accurate Robotics

- Consistent cycle time
- Consistent product placement
- Preprogrammed
- Easy to use and configure
- Comprehensive training
- 24/7 remote technical support

VeriTool™ RFID Tool Verification

- Quick & easy changeover for multiple SKUs
- 4x faster changeover
- Avoid machine damage
- Patent pending

Part Rejection Station

- Cell isolation & part rejection from HMI
- Virtually no scrap product
- Minimal downtime from bad parts

To see how BMG Automation Solutions can help your business, reach out today.

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