PERFECT PACKER

WATCH VIDEO

3D SENSORS
Scan to calculate case size dimensions and the empty space available for void fill

HIGH RESOLUTION CAMERA
Scans and stores case contents image data

ANALYTICS DISPLAY
State of the art, visual production data

X-FILL PRO
Void fill dispenser

MOTORIZED ROLLER CONVEYOR
Automatically indexes and advances cases

PERFECT PACKER

Automated Void Fill With A.I. Technology

Reduce human decision making for void fill amounts while increasing productivity.

BUILT IN THE USA

CERTIFIED cradle to cradle® PRODUCTS PROGRAM

TISHMA TECHNOLOGIES
powered by ipg

ipg® intertape polymer group®

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Information presented is subject to change as product improvements are made. Contact your account representative for current specifications.

With its user-friendly design, **Perfect Packer** is easy to operate and a perfect addition to your order fulfillment packing line. No more guesswork or wasted fill - **Perfect Packer** takes care of everything automatically.

Perfect Packer dispenses the optimal amount of void fill for every case. 3D imaging sensors scan each case to determine the amount of empty space within. Pre-determined % of fill levels define how much material is now automatically dispensed. Reduce operator involvement, waste and damages by ensuring fill level control.

FEATURES & BENEFITS

- Analytics display provides up to the minute visual reference of real time production data.

- End of line solution for "box first" or "box last" e-fullfillement.

- One high resolution 12 Megapixel camera with advanced high color graphics with two 3D sensors.

- Control your fill percent (%) remotely and update your process immediately.

- Reduce labor by eliminating and consolidating pack stations.

- Increase throughput by pacing the line and reducing operator decision making.

- Data is collected and reported on void fill percentages per case size.

- Data can be sorted, filtered and analyzed for savings on:

  - ✔ Case counts
  - ✔ Corrugate count for each case
  - ✔ Consumable void fill
  - ✔ OEE *(Overall Equipment Effectiveness)*
  - ✔ DIM weight shipping *(With check weigh scale option)*
  - ✔ Production cycle time and counts

- Photo storage for product damage or pilferage claim tracking.

- Analyze and optimize case sizes for DIM weight and freight cost reductions.

- Bypass mode for totes, mailers, closed cases, and SIOC items.

OPTIONS

- **Deep Learning**
  Advanced product identification on up to 20 products

- **Custom Advanced Data Collection**

- **Label Application and Verification**

- **Label Barcode Reader**

- **In-line Weigh Scale**

- **Crowning/Bulging Detection**

- **WMS Integration for Live Production Reporting**

TECHNICAL SPECIFICATION *(Base Model)*

SPEED	*Up To* **15 Boxes/Min.**
CASE SIZE RANGE *(Min-Max)*	W: **6-36"** L: **6.5-20"** H: **5-24"**
PHOTO STORAGE	**2 Terabytes, ~45,000 Images**
VOID FILL	**X-Fill Pro** Dispenser, **30# Paper, 36" Wide**
VOID FILL ACCURACY	**±3%**
CASE DIMENSIONS ACCURACY	**99.9%** *(For known cases, ±5% for unknown cases)*
PRE-SET CASE MEMORY	**100 Case Sizes**
OVERALL DIMENSIONS	W: **5.5'** L: **12'** H: **8'**
POWER REQUIREMENTS	**120V, 10A**
AIR REQUIREMENTS	**90 psi / 3 scfm**