

RAPTOR Flex

Checkweighing System

Raptor Flex delivers the same trusted reliability and performance of our Raptor checkweighing technology in a streamlined, economical design.

Engineered for manufacturers who need reliable weight verification without added complexity, Raptor Flex provides accurate checkweighing performance with a user-friendly design. Ideal for packaged products up to 4kg, it ensures every pack meets specification while helping reduce product giveaway and maintain compliance.

Raptor Flex makes precision weight verification accessible to more production lines, giving you the confidence of Fortress quality, at an exceptional value.



SIMPLE AND ROBUST

Compact, robust stainless steel construction. Precision-made, lift-out conveyors. No tools. No fuss.



EFFICIENT OUT OF TOLERANCE REJECTION

Kicker, air-blast and other reject options ensure precise removal of out-of-tolerance products, minimizing product giveaway and protecting brand integrity.



EASY TO USE

Simple HMI interface with latest-generation touchscreen ensures intuitive operation, displays key data and reduces training time.



MAXIMIZE ROI

Economic solution for accurate weight verification. Optimize performance while maximizing ROI.



LOW MAINTENANCE

Intelligent conveyor design allows for complete removal and disassembly of conveyor components for maintenance access and cleaning in seconds.

APPLICATIONS



Bakery



Confectionery



Chocolate Bars



Packaged Meats



Packaged products



Nutritional Bars

STANDARD SIZES AND RANGES:

Belt Widths: 100mm, 200mm, 300mm

Line Height: 800mm +/-35mm

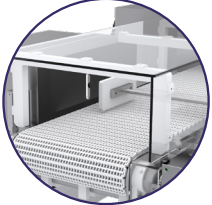
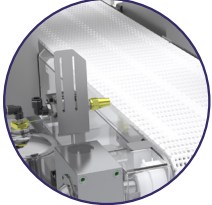
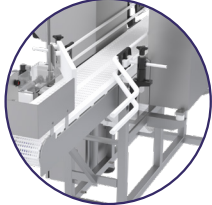
Weighing Capacity: Up to 4kg

RAPTOR

Flex Checkweighing System Specifications & Options

SYSTEM OPTIONS & SPECIFICATIONS:

Optional*

HMI	10.1" color capacitive touchscreen display Secure remote web-browser connection
MECHANICAL	Continuous duty DC brushless motors Sealed for life bearings Toolless removable conveyors for ease of cleaning
CONSTRUCTION	Stainless steel modular design High accuracy, high speed, single point, precision loadcells
MACHINE OPERATION	Menu driven from single operator interface User-friendly high contrast layout 360 degree visible status beacon
STATISTICAL DATA	Comprehensive Statistics Set (Audit) generated for download by USB or accessible through Contact 4.0 interface to enhance traceability and security* Industry 4.0 live collection of data via network adapters*
MANAGEMENT CONTROL	500 products Self diagnostics status messaging 4 level configurable user access with 25 individual users Guided performance verification testing* Secure RFID card user access*
SAFETY	Category 1 Safety Circuit System guarding* Full System lift off guarding (Guarding interlocked around physical hazards)*
LINE INTEGRATION	Upstream & downstream control Trend feedback to filler to minimize product giveaway
EXTERNAL REJECT OPTIONS	    Kicker Air-Blast Overhead Sweep Diverter Paddle

Industry 4.0 Networking and Integration*:

Connect to Contact 4.0 for in depth, turn-key data logging and reporting across an entire suite of networked Fortress inspection machines. Optional communication features allow for automatic and ad hoc generation of batch reporting across multiple machines simultaneously, and are accessible from a single interface. Reports include all machine events such as:

- ▶ Parameter changes
- ▶ Log-ins
- ▶ Fault status
- ▶ Total production statistics
- ▶ Reject counts
- ▶ Check weights

These secured reports ensure clarity and traceability of all machine events and may be generated automatically or on demand and forwarded to individual users.

Data Integration

The Raptor Flex Checkweigher seamlessly integrates into existing IT and factory control systems. Collect statistical data and the status of each machine, or control their operation via optional OPC UA or Ethernet/IP adapters.

Simple Operation. Outstanding Reliability. Exceptional Performance.

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FORTRESS
TECHNOLOGY