

RAPTOR[®] BBK

Caseweighing System

Experience accuracy at its finest with the Raptor BBK, a fully integrated caseweighing system designed for large bags and cases. Whether verifying product weights within tolerances, Raptor BBK ensures precise measurements.

The Raptor BBK adheres to the highest care/food-grade engineering standards and features an ergonomic design that enables comfortable operator use. Ensure seamless integration at any stage of your process, enhancing both efficiency and product quality.

Stay ahead with live and historical batch statistics. Optional communications adapters allows users to automate and customize data collection for their own ERP and plant monitoring systems.



SIMPLE AND ROBUST

Heavy duty IP65 level of protection. Robust, precision made, lift-out conveyor options available.



EFFICIENT OUT OF TOLERANCE REJECTION

Optional modular reject stations allow for flexible integration into production lines. Available rejects include, kicker, overhead sweep, belt-stop-alarm, and modular heavy duty reject stations.



EASY TO USE

Intuitive interface ensures user-friendly operation and enhances process efficiencies. Latest generation capacitive industrial touchscreen displays important data and reduces training time.



SANITARY DESIGN

Hygienic design supports sanitation processes with easy clean, sloped surfaces to promote water run off and speed up drying time.



LOW MAINTENANCE

Plastic chain conveyor belting and AC induction motor allows for easy disassembly for cleaning and maintenance.

APPLICATIONS



Bakery



Confectionery



Chocolate
Bars



Packaged
Meats



Packaged
products



Nutritional
Bars

STANDARD SIZES AND RANGES:

Belt Width:	300mm, 500mm, 600 mm
Line Height:	800mm +/- 50mm
Product Lengths:	Up to 650mm 850mm
Weighing Capacity:	Regular: 25kg Heavy Duty: 50kg

RAPTOR

BBK Caseweighing System Specifications & Options

SYSTEM OPTIONS & SPECIFICATIONS:

Optional*

HMI	15.6" color capacitive touchscreen display 16:9 Aspect Ratio Secure remote web-browser connection
MECHANICAL	Plastic chain food grade belting AC induction motor
CONSTRUCTION	Stainless steel plate design High accuracy, high speed, single point, precision loadcells IP65 grade washdown protection Sanitary-design threadless feet*
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*
MODULAR REJECT OPTIONS	Kicker Overhead sweep Belt-stop-alarm Modular, heavy-duty reject stations available
REJECT INTEGRITY	Weigh sensor Reject Confirmation Sensor Reject Return Sensor* Exit eye/Back up sensor*
MANAGEMENT CONTROL	500 products Self diagnostics status messaging 4 level configurable user access with 25 individual users Contact 4.0 data logging software compatible* Secure RFID card user access* Guided performance verification testing
SAFETY	Standard Category 3 Safety Circuit Air-Dump Full System lift off guarding (Guarding interlocked around physical hazards) End user ability to integrate into safety circuit
LINE INTEGRATION	Upstream & Downstream control Trend feedback to filler to minimize product giveaway Ethernet/IP* OPC UA*

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.

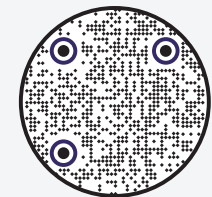
Reports include all machine events such as:

- ▶ 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 BBK 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.



LEARN MORE ABOUT THE
RAPTOR BBK ONLINE

Simple Operation. Outstanding Reliability. Exceptional Performance.

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FORTRESS
TECHNOLOGY