RAPTOR

COMBINATION SYSTEM
Checkweighing / Metal Detection

SIMPLE AND ROBUST
Heavy duty IP65 grade equipment. Robust precision made, lift-out conveyors. No tools. No fuss.

EFFICIENT OUT OF TOLERANCE REJECTION
Available kicker or airblast accurately removes over or under weight product from the flow whilst minimising product giveaway and protecting brand integrity.

EASY TO USE
Simple HMI interface ensures user-friendly operation and enhances process efficiencies. Latest generation industrial drag and drop touchscreen control.

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

LOW MAINTENANCE
Fiber-optic control system for high speed reliable operation

APPLICATIONS:

- Confectionery
- Chocolate Bars
- Bakery
- Packaged Meats
- Packaged Products
- Nutritional Bars

The Raptor is a highly accurate, fully integrated checkweighing and metal detection combination system, specifically designed for high care food production environments.

The Raptor is employed to verify the weight and inspect for metal contaminants of each product and reject non-conforming packs. The system has been designed, engineered and constructed to the highest care/food grade engineering standards. It is capable of processing packaged products up to 300mm long x 300mm wide at 100ppm.

Protect your customers and safeguard your brand

Raptor can be used at any stage in your process to safely, reliably and accurately inspect 100% of your products. Multiple end of line inspection processes can now be carried out, and controlled, within one highly compact system.

THE FORTRESS ADVANTAGE:

- ***"Never Obsolete"*** Commitment: equipment is always supported with parts and services
- Standard electronics configuration across product line allowing easy support and troubleshooting
- Modular design; have fewer components
- Custom built equipment or stock sizes
- ***Simple Operation, Outstanding Reliability, Exceptional Performance***

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FORTRESS® TECHNOLOGY
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SYSTEM OPTIONS & SPECIFICATIONS:

Construction	Stainless Steel Frame / High care feet / Sealed for life bearings / High accuracy, high speed, single point, analogue Loadcell
Single Point OI	15.1" Menu Driven Thin Film Transistor full colour display / Drag & Drop / Display Resolution: 1:12,0000
Machine Operation Function	Menu driven from single operator interface / Customizable graphical interface Reduces training time and increases operational awareness
Line Integration	Sleep mode fitted to reduce energy consumption / Configurable Inputs & Outputs / Performance Level D safety circuit
Electronic Control System	Full-Life industrial standard components and machine support /Logical, colour coded Printed Circuit Board to reduce customer training and support
Reject Integrity	**Standard: Reject confirmation / Bin full indicator** Optional: Air-driven rejects / In-feed sensor / Time out control / Lockable collection mechanisms / Electronic 'Reject Mechanism in place & locked' monitor / Reject Check Sensor
QA System Support	Simple graphic display to support Reject Integrity compliance tests / Compliance test logged and available to download / Comprehensive Statistics Set (Audit) generated and stored for download / Trend feedback filler to minimize product giveaway / Live email performance alerts
Management Control	Expandable produce code support (500 fitted as standard) / Selectable weighing regime (minimum, emark, mean weigh tracking) / 'Use Case' configurable security access / Multi-level access / Self diagnosis to maintain highest levels of performance
METAL DETECTION	Packs in non-metallic containers / Packs in aluminum foil containers / operated to guaranteed levels of performance / Reject non-conforming product **For more on Metal Detections see: STEALTH Brochure**

Management Information

As standard, statistical data is available to be sent on demand, to your network for storage and later use.

In addition to being able to be connected to your network, the system is also fitted with the USBStore data capture system, which collects and manages the statistical data and results generated for all measured attributes. The data is identified by the date and time they are generated and can then be saved to a memory stick, networked to a computer or emailed.

Simple Operation. Outstanding Reliability. Exceptional Performance.

FORTRESS® TECHNOLOGY