



J-Pak Technology Guide



Metal Detector



FORTRESS
TECHNOLOGY

Large Bag

Quality Control Equipment



FORTRESS TECHNOLOGY **Large Bag**
Quality Control Equipment • Metal Detectors

Food Metal Detector

The "Big Bag King" from Fortress sets an untouchable industry standard for sensitivity levels. Detecting 2.0 mm stainless steel in 50-100 lb bags of dry product is virtually unheard of in other leading systems. The Stealth also detects ferrous and non-ferrous metals as small as 1.5 mm. Custom manufactured to suit any application, Stealth detectors are available in either stainless steel or aluminum construction. Built in data collection and Contact Reporter Software make them a critical control point in preventing product contamination. Vector Big Bag King Conveyor Systems are custom manufactured from heavy duty stainless steel to suit any large bag application.

Superior speed, Large Aperture
Easy To Use

What is a Metal Detector... and how Digital Signal Processing (DSP) work

Three coils are wound exactly parallel on a non-metallic frame. The center coil is connected to a high-frequency radio transmitter. Two transmission-receiving coils sit on either side of the center coil. Two transmission-receiving coils sit on either side of the center coil.

The Science Behind Metal Detector



Ideal For These Industries



An automatic Reject Valve can be incorporated into the system to remove contaminated product from the flow. Additionally, a test ball retrieval drawer is offered, allowing for ease of manual testing.

Inspecting for metal contaminants while accommodating larger and varying pack sizes

Key Benefits

- ✓ Achieves Detection of 2.0mm Stainless Steel (316) in 50-100lb (25-50kg) bags
- ✓ Core DSP for precision, speed, and detection
- ✓ UltraSense Detection

More Incredible Technology from the J-Pak Fortress Product Range



See this technology in action the video on our website



Contact our sales team for a quotation
011-825-0300

Visit our website to explore even more information
www.jpak.co.za

