



# Single Beam Wide Belt Forte

## ScanTrac X-ray Inspection Systems

The ScanTrac Forte X-ray Inspection System provides a high resolution x-ray inspection for flat packages or bulk product conveyed through the system in a wide format (26 inch wide belt). The top down inspection is made on a food grade easily changed belt and roll out conveyor. The Forte inspects a broad range of products and packages and can be configured for bulk inspection applications. The compact inspection assembly installs in a short linear space with minimum disruption to production flow. From the high resolution image taken of each package or product, ScanTrac Forte can detect contaminants, confirm contents and package attributes and verify form and fit.



### Designed for Challenging Environments

Forte's standard design includes as standard an IP65 rated stainless steel enclosure for operation in refrigerated or frozen food operations.

### High Resolution Analysis

Forte's high resolution x-ray beam inspects from over the conveyor to create detailed images of product and package. Multiple inspection analyses assure that the smallest of contrasting foreign material are detected.

### Connects Remotely for Real-Time Support

The Forte's Internet link and on-board diagnostic tools assure support remotely by experienced personnel.

### Performs High Resolution Inspection

Forte makes multiple analyses of the captured image to optimize resolution and minimize false rejects.

### Supports Multiple Ejector Operation

Forte supports up to three ejectors for distribution of contaminant detections separate from other faults. Ejection options include gates, diverters, and pushers appropriate to the application.

### Provides Quick Belt Change and Cleaning

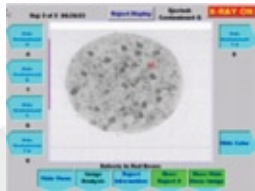
The Forte conveyor rolls out from the inspection assembly for a "no tools" belt change and cleaning.



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## Applications



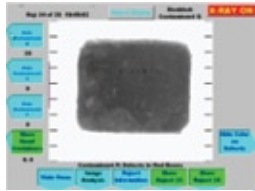
### Flat Products

Flat products such as pizza can be scanned before or after wrapping and / or cartoning. The x-ray image shows a plastic contaminant detected amongst garlic and chicken.



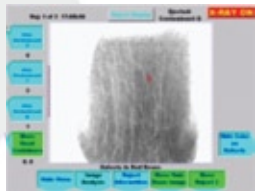
### Trays

Trays with variable quantity can be scanned for metal and stone. Picture of salad tray x-ray image.



### Trays

Aluminum institutional food trays can be inspected for bones, stones, and glass as well as metal. Small contaminants can be detected irrespective of the aluminum presence including bones.



### Bagged Product

Large bags such as this 40 pound bag can be inspected including foil lined or met pack bags as well as plastic and paper bags. The x-ray image shows rubber gasket fragments detected in bagged seasoning.



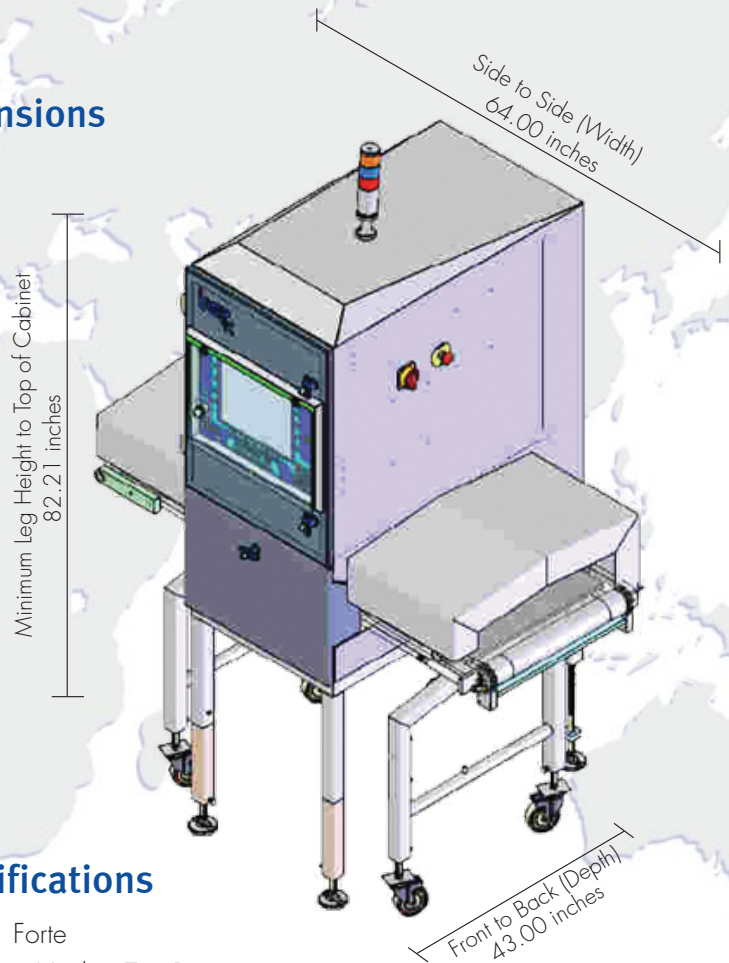
### Bread

Where product must be conveyed in its longest dimension, the Forte meets these requirements such a many bread loaves. Small glass fragments and stones can be detected either prior to or after slicing and in or out of the bag.

## Inspection Configuration

The ScanTrac Forte system is a belt x-ray inspection system with integrated conveyor designed specifically for large package inspection.

## Dimensions



## Specifications

Model: Forte

Inspection Mode: Top Down

X-ray Tube Configuration: One modular, high performance x-ray assembly

Package / Product Size:

Width 22 inches (550 mm)

Environment: IP 66 (IP 69K/Washdown available)

Speed: Up to 230 fpm standard higher speed available

Voltage: System 120VAC/20A or 240VAC

7A-50/60 Hz Single Phase

Air: As required for ejection

Temperature: 40°C (optional air conditioner)

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