



## RTT110 RAPISCAN

BREAKTHROUGH CT SCREENING TECHNOLOGY  
WITH A HIGH RETURN ON INVESTMENT

- CLASS-LEADING HIGH RESOLUTION 3D X-RAY IMAGES
- SCANNING SPEED OF 0.5 METERS PER SECOND
- FLEXIBLE SYSTEM CONFIGURATION FOR SEAMLESS INTEGRATION
- LOWEST TOTAL OPERATING COSTS
- FULLY OWNED DESIGN
- LEVEL ONE DECISION BEFORE BAG EXIT

### HIGH SCANNING SPEED GIVES FLEXIBILITY

The RTT® is designed to allow screening to the highest levels of security at the first point of screening. The versatility of RTT allows it to be used as a high speed in-line system at the first level of screening or as a level 3 system in a multilevel screening system.

### FASTEST AUTOMATIC DECISION ON THE MARKET

High speed reconstruction provides high resolution CT data to detection algorithms allowing the detection of the full range of explosive threats. By determining the presence and position of a threat, the industry leading resolution allows optimal performance for the detection of materials in configurations typically difficult to detect.



TUNNEL OPENING (W X H):  
D-SHAPED 1020 X 756 MM

WITH ITS STATIONARY GANTRY AND INDUSTRY LEADING IMAGE QUALITY, **THE RTT110** IS REVOLUTIONIZING THE EDS MARKET BY SIGNIFICANTLY LOWERING COST OF OWNERSHIP. THE RTT'S HIGH QUALITY FULL VOLUMETRIC CT IMAGES ENABLE THE ADVANCED AUTOMATED EXPLOSIVES DETECTION ALGORITHMS TO PROVIDE EXCEPTIONALLY HIGH LEVELS OF DETECTION WITH CLASS LEADING IMAGE QUALITY AND LOW FALSE ALARM RATES.

### ROBUST DESIGN

The Rapiscan RTT® employs a stationary gantry design, low parts count, and has multiple layers of network redundancy designed to ensure the highest levels of system availability and fail-safe operation for the most demanding aviation security environments.

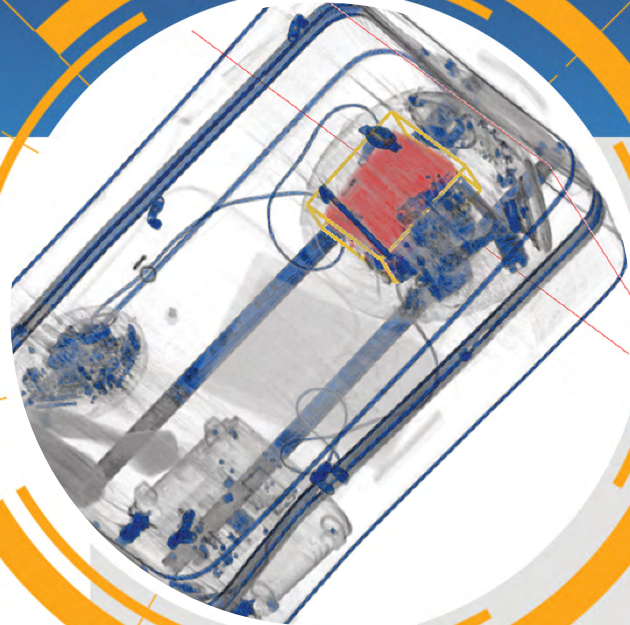
### REGULATORY COMPLIANCE

The RTT® 110 is designed to meet ECAC Standard 3 for EDS and STP compliance to provide future-proof screening for years to come.





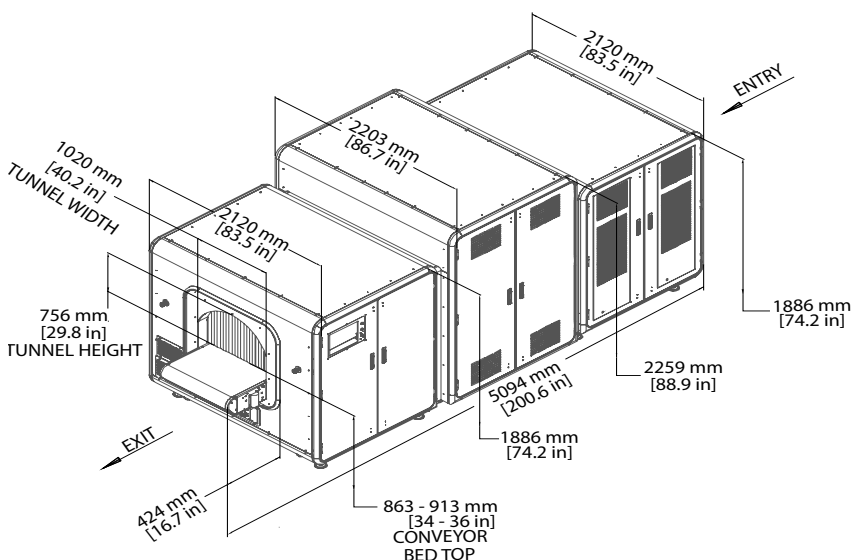
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### SPECIFICATIONS

Realizable throughput	Up to 1800 BPH, 0.5m/sec conveyor, non-stopping, with 1m bag window
Dimensions (LxWxH)	5,094 x 2,203 x 2,259 mm
General service area	914 mm on each side, no additional access required above
Voltage rating	400 Volts, 50hz 3 Phase + Earth, (EU)
	415 Volts, 50hz 3 Phase + Earth, (UK)
	480 Volts, 60hz 3 Phase + Earth, (USA)
Current rating	30A
Power requirements (Overall)	<13kW
Environmental operating envelope	0° to 40° C and 10% to 90% non-condensing humidity at sea level.
Weight	6,650 Kg (14,661 lbs)

### DIMENSIONS



### PRODUCT HIGHLIGHTS

- EU ECAC Standard 3 Approved Explosives Detection System
- Stationary CT Gantry providing significantly higher reliability and system availability
- Full speed scanning at 0.5 m/s
- Full volumetric CT continuous scanning
- Fast advanced baggage reconstruction and explosives detection algorithms - level 1 decision before the bag exits the machine
- HBS and parcel inspection class-leading high resolution 3D X-ray images and low false alarm rates
- Built-in flexible system configuration, to fit into any BHS architecture or security system
- Modular chassis design allows installation flexibility
- Easily integrated into any baggage handling system supports almost any industrial network
- Multiplex capabilities of up to 30 systems and 60 workstations
- Rapiscan fully owns the design and expertise for all core RTT technologies ensuring fast delivery to market of new product improvements

### HTDS

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