

# RAPISCAN EAGLE T25

TRAILER-MOUNTED, DRIVE-THROUGH INSPECTION SYSTEM

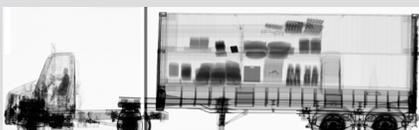
## KEY FEATURES AND BENEFITS

- Robust inspection system built on a rugged trailer platform
- High-throughput screening of up to 60 trucks per hour
- Deployed in minutes for fast response to changing operational requirements



The Rapiscan Eagle® T25 is a trailer-mounted, drive-through inspection system with material discrimination for efficient screening of cargo for threats and contraband. The fully self-contained unit can be easily towed and rapidly deployed. The system offers portal mode operation with automatic cab exclusion or CabScan® mode to image the entire vehicle. Vehicles are scanned as they drive through the tunnel at 3–8 km/hr (2–5 mph).

The Eagle T25 scans vehicles up to 4.6 meters in height and 2.8 meters in width without corner cutoff. The system is built on a commercially available, heavy-duty, solid-frame trailer chassis with 2 rear axles. For added personnel safety, the Eagle T25 can be operated from 100 meters away from the system with armored Ethernet cable or, optionally, up to 300 meters away using armored fiber optic cable.



Rapiscan Eagle T25 X-ray image

# SPECIFICATIONS

## EAGLE T25

### TYPICAL PERFORMANCE

- **Steel Penetration:** 190 mm
- **Wire Resolution:** 1 mm

### OPERATING FEATURES

- **X-ray Source:** 2.5 MeV
- **Crew:** One inspector
- **Scan Modes:** Portal drive-through mode only; start of cargo to rear bumper or CabScan mode
- **Scan Direction:** One direction from rear
- **Scanning Speed:** 3–8 km/hr
- **System Throughput:** Up to 60 trucks per hour
- **Set-up Time:** 30 min in standard operating environment
- **Shore Power Requirements (option):** 50 Hz: 400 V, 63 A, 44 kVA

### SYSTEM DIMENSIONS AND SPECIFICATIONS

#### Stowed Dimensions

- **Length:** 7.3 m (23 ft 10 in)
- **Width:** 2.6 m (8 ft 6 in)
- **Height:** 3 m (9 ft 10 in)

#### Deployed Dimensions

- **Length:** 7.5 m (24 ft 7 in)
- **Width:** 7.3 m (23 ft 11 in)
- **Height:** 5.9 m (19 ft 4 in)

#### Maximum Scanned Object Dimensions

- **Width:** 2.8 m (9 ft 2 in)
- **Height:** 4.6 m (15 ft 1 in)
- **Minimum Scan Height:** 0.4 m (1 ft 4 in) from ground

### ENVIRONMENT

- **Operating Temperature:** -10° C to 40° C (14° F to 104° F)
- **Maximum Wind Speed:** 40 km/h

### HEALTH AND SAFETY

- **Open Radiation Exclusion Zone (60 trucks per hour):** 25 m x 36 m (82 ft x 118 ft)
- **Radiation Dose at Exclusion Zone Boundary:** 0.5 µSv in any one hour
- **Radiation Dose to Driver:** Less than 0.25 µSv per scan
- **Radiation Dose to Crew:** 0.5 µSv in any one hour
- **Radiation Dose to Cargo:** Less than 0.5 µSv per scan

The performance characteristics and photos in this document are indicative and for information only and specifications may vary depending on scan speeds, options and other factors; the specific characteristics of individual systems may differ based upon customer requirements, operation, and supplied options. In addition, due to continual development of Rapiscan Systems and AS&E products, we reserve the right to amend specifications without notice. Please note that due to U.S. laws and regulations, not all products are available for sale in all countries without restriction. Please contact your Rapiscan | AS&E Cargo Scanning & Solutions sales representative for more information or to discuss additional requirements.

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### SYSTEM OPTIONS

- **Extended Remote Operation:** For operation up to 300 m away from the system using armored fiber optic cable
- **Integrated Peripheral Devices:** License/number plate recognition system and container code recognition system
- **Extreme Cold Weather Package:** Extends the system operating temperature to -30° C
- **Extreme Hot Weather Package:** Extends the system operating temperature to +50° C

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