

PX™ 15.17 200

Palletized Freight and Cargo X-ray System



Security & Detection Systems

Accurate screening without breaking up the pallet

Designed as the ideal freight screening solution for air cargo, L-3's PX™ 15.17 200 can also be used in other environments such as seaports, warehouses, manufacturing centers and military bases. The system eliminates the need to unpack contents for inspection, accelerating screening of consolidated cargo in skids and pallets* while maintaining the highest levels of security. With high-energy scanning, operators have the comprehensive information and flexible controls needed to quickly identify explosives, weapons, drugs and misrepresented goods.

The PX 15.17 200 offers the market's best value in a single-view, compact inspection system with superior penetration and image quality ensured by L-3's 200 kV X-ray source. The system is highly configurable, allowing customers to choose

either a dual-view configuration or a single-view system that later can be upgraded in the field. The PX 15.17 200 includes a heavy-duty conveyor with narrow pitch rollers specifically designed to facilitate easy loading and unloading of pallets via forklift.

Compared to systems that require skids and pallets to be broken down prior to screening, the network-ready PX 15.17 200 greatly accelerates the inspection process. By maintaining the integrity of consolidated freight, the system makes it easier to confirm a shipment's contents, detect tampering and more easily ensure security. L-3 offers a range of additional freight and air cargo inspection systems with a broad range of tunnel sizes, single-and dual-view configurations and several levels of penetration.



Monitors included but not shown

APPLICATIONS

- Threat detection
- Manifest & declaration verification
- Contraband detection
- Theft prevention
- Regulatory compliance/inspection



SPECIFICATIONS:

GENERAL

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|---------------------|---|
| Dimensions: | 6703 mm (263.9") L x 2591 mm (102.0") W x 2250 mm (88.6") H |
| Tunnel Opening: | 1500 mm (59.1") W x 1702 mm (67.0") H |
| Conveyor Height: | 374 mm (14.7") |
| Power Requirements: | 110 VAC: 96-132 VAC, 60 Hz, 15 Amp max 220 VAC: 183-253 VAC, 50 Hz, 10 Amp max |
| Conveyor Speed: | 0.1 m per sec (20 ft per min) in either direction |
| Conveyor Capacity: | 2000 kg (4400 lb) evenly distributed load |
| Weight: | 3270 kg (7209 lb) |

X-RAY

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|-------------------|--|
| Source: | 200 kVp |
| Duty Cycle: | 100%, No warmup required |
| Cooling: | Sealed di-electric oil bath with forced air |
| Beam Orientation: | Horizontal sideward |
| X-ray Sensors: | 2176 channels in a folded array (L-shaped) configuration |

IMAGING AND PERFORMANCE**

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| Resolution: | 38 AWG standard, 40 typical |
| Penetration: | 50 mm of steel standard, 52 mm typical |
| Display Monitor: | Dual 25" high-resolution LCD monitors |

ENVIRONMENTAL

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|------------------------|-------------------------------|
| Operating Temperature: | 0° to 40° C (32° to 104° F) |
| Storage Temperature: | -20° to 60° C (-4° to 140° F) |
| Humidity: | Up to 95% Non-condensing |

STANDARD FEATURES

- Threat Image Projection (TIP)
- Operator Assist® (OA)
- Real-time image manipulation
- Image Archiving (100,000 images)
- Network ready
- Low conveyor height
- Configurable powered entrance and exit conveyors
- 0.5 in. tunnel roller spacing
- Push-button interface
- Multi-language support (Arabic, Chinese, French, Spanish)

OPTIONAL FEATURES

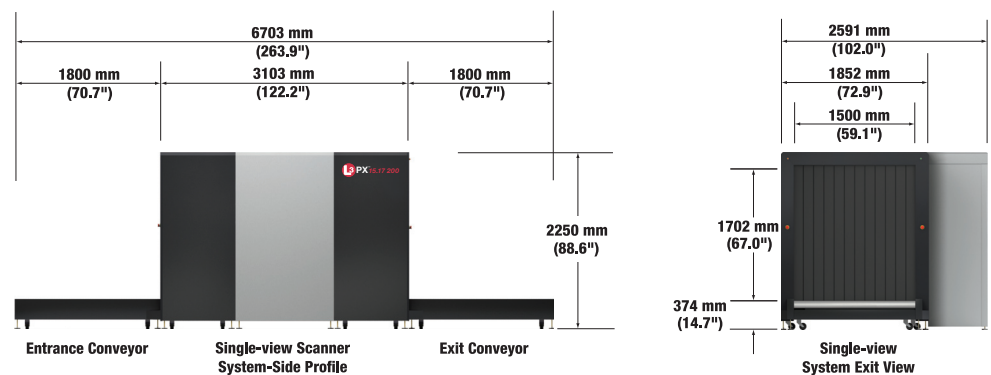
- Increased conveyor capacity to 3000 kg (6614 lb) evenly distributed load
- Extended entry/exit roller tables (0.5 m increments)
- Supervisor workstation
- Suspect search station
- Climate kit (warm or cold)
- Additional multi-language support available upon request

RADIATION SAFETY

Compliant with USFDA, Center for Devices and Radiation Health Standards for Cabinet X-ray Systems (21CFR1020.40). Typical leakage radiation is less than 0.1 mR/hr compared to maximum of 0.5 mR/hr permitted by the federal standard.

DESIGN POLICY

L-3 Communications Security & Detection Systems reserves the right to change specifications in the course of continuous improvement. Specifications are provided for reference only and actual equipment may differ slightly from the description given. Typical dimensions are within ± 5% of nominal values.



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L-3 Security & Detection Systems reserves the right to adjust technical specifications as a result of continuing product developments.