

PXTM 18.18 200

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 PXTM 18.18 200 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, pallets* and ULDs* while maintaining the highest levels of security. With high-energy scanning, operators have the comprehensive information and flexible controls they need to quickly identify explosives, weapons, drugs and misrepresented goods— even in densely packed ULDs.

The PX 18.18 200 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 18.18 200 also features a low-height, heavy-duty conveyor with narrow pitch rollers specifically designed to facilitate easy loading and unloading of pallets via forklift.

Compared to systems that require pallets to be broken down prior to screening, the PX 18.18 200 greatly accelerates the inspection process. By maintaining the integrity of the pallet, the system makes it easier to confirm a shipment's content, detect tampering, facilitate storage 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

Dimensions:	6703 mm (263.9") L x 2895 mm (114.0") W x 2352 mm (92.6") H
Tunnel Opening:	1803 mm (71.0") W x 1807 mm (71.1") 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:	4081 kg (8997 lb)

X-RAY

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:	2304 channels in a folded array (L-shaped) configuration

IMAGING AND PERFORMANCE**

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

ENVIRONMENTAL

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

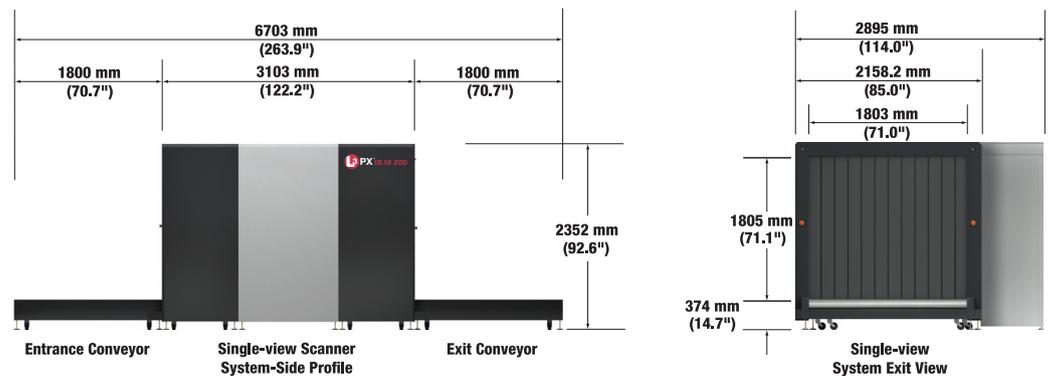
- Increased conveyor capacity to 3000 kg (6614 lb) evenly distributed load
- Extended entry/exit roller tables (0.5 m increments)
- Supervisor workstation
- Suspect search station
- Climate kit (warm or cold)
- Additional multi-language support available upon request

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.