



PB-TR6040 & PB-TR6040SE

Conveyor X-ray Scanner



The PB-TR6040 is a high-performance X-Ray Inspection System ideally suited for small checkpoints, screening backpacks, purses, and parcels. With thousands of installations at airports and critical infrastructure facilities worldwide, the PB-TR6040 is the most sold critical infrastructure product in the x-ray market.

With proven field reliability and unsurpassed image quality, the PB-TR6040 represents the best in optimized screening technology. High-resolution scans and best-in-class software allows operators to recognize objects, identify materials, and isolate threats with greater speed and accuracy.

Optional AI software available on both the PB-TR6040 and PB-TR6040SE, Syntech SOLUTION™, detects guns and knives with incredible precision and accuracy. Fully-integrated, Syntech SOLUTION™ automatically stops the belt when it detects a threat and isolates it with a colored box on-screen, for an unmatched level of safety.



PB-TR6040

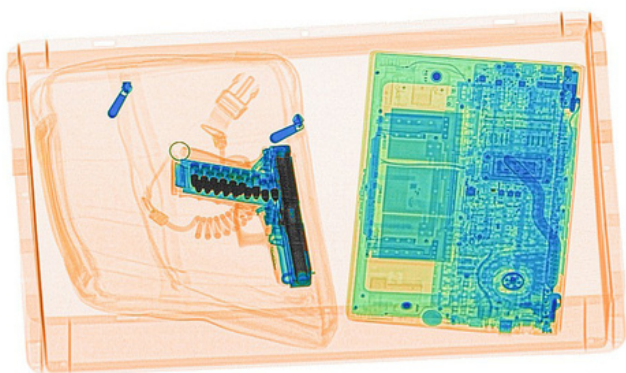
Conveyor x-ray inspection system for the detection of metal & organic objects, weapons, explosives, liquids, narcotics, primers and dangerous items at checkpoint security:

- Law enforcement
- VIPresidences
- Publiceventvenues & stadiums
- Government buildings
- Hotel complexes
- Shopping centres
- Embassies & consulates
- Schools & universities

Integrated AI

Unparalleled security screening for modern threat detection.

	Guns	Knives	Shielded objects	Liquid containers	Lithium batteries
Lite	ü	ü			
Advanced	ü	ü	ü		
Advanced with liquids and lithium batteries	ü	ü		ü	ü



- Threats automatically highlighted with Yellow, Green, Pink or Blue rectangles
- Detection for shielded objects, lithium batteries or liquid containers available upon request
- No additional personnel required
- AI Software upgrade currently available for conventional x-ray systems
- Compatible with other manufacturers x-ray systems

PB-TR6040SE

The PB-TR6040SE is a uniquely mobile X-Ray Inspection System designed for rapid deployment, with shock-absorbing wheels, stainless-steel handles, collapsible roller tables, and a foldable screen. The PB-TR6040SE is an ideal solution for Special Events, schools, and sports stadiums where effective threat detection requires power, mobility, and high throughput. The spill resistant belt protects the machine's electronics, so users do not have to remove liquid containers from their bags before passing them through the system.

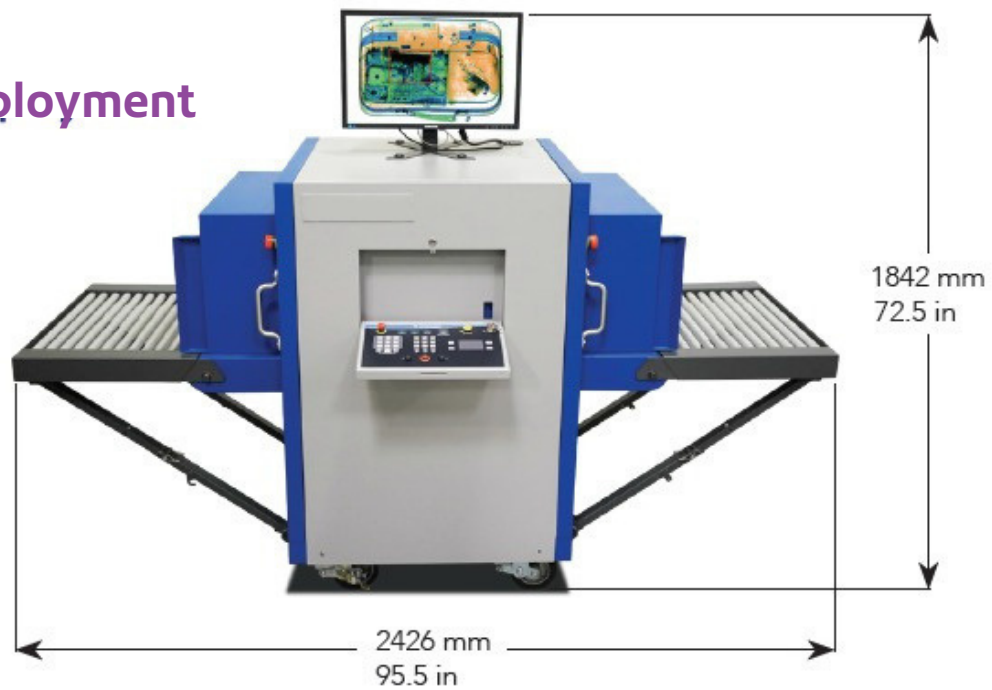


PB-TR6040SE Version with
mobile deployment features

Compact storage



Quick deployment



Product Specification

General specifications		PB-TR6040	PB-TR6040SE
Tunnel Size:		60.0cm x 40.0cm (WxH)	60.0cm x 40.0cm (WxH)
Dimensions (LxWxH)		143.3cm x 84.6cm x 124.5cm	Deployed: 242.6cm x 80.4cm x 184.2cm Folded: 146.8cm x 80.4cm x 145cm 440kg (970lbs)
Net weight: 297kg (654lbs)		370kg (820lbs)	558kg (1230lbs)
Shipping weight: Conveyor		490kg (1080lbs)	23cm/s (45ft/min) forward or reverse
speed: Conveyor height:		23cm/s (45ft/min) forward or reverse	83.9cm (33.03") from floor
Conveyor capacity:		71.6cm (28.2") from floor	165kg (364lbs) evenly distributed load
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Technical			
Wire resolution: Steel penetration:		40 AWG typical, 38 AWG standard	40 AWG typical, 38 AWG standard
X-ray generator & image performance			
Voltage: Tube current: Cooling: Duty cycle:		39mm typical, 37mm standard	39mm typical, 37mm standard
Beam direction:			
Computer & video			
Platform: Memory: Storage capacity: Power		0.7mA	0.7mA
conditioner: Display type: Display resolution:		Sealed Di-Electric Oil Bath - Forced Air	Sealed Di-Electric Oil Bath - Forced Air
Environmental			
Operating temperature: Storage		100%, no warm-up procedure required	100%, no warm-up procedure required
temperature: Humidity:		Diagonally upward	Diagonally upward
		Windows OS	Windows OS
		4 GB RAM	4 GB RAM
		1 TB HDD, 240 GB SSD	1 TB HDD, 240 GB SSD
		Automatic voltage regulator (AVR),	Automatic voltage regulator (AVR), 600
		600 VA 19" flat panel colour monitor	VA Single 24" flat panel colour monitor
		1280 x 1024; 24 Bit/Pixel colour	1920 x 1200; 24 Bit/Pixel colour
		0°C to 40°C \ 32°F to 104°F	0°C to 40°C \ 32°F to 104°F
		-20°C to 60°C \ -4°F to 140°F	-20°C to 60°C \ -4°F to 140°F
		Up to 95% non-condensing	Up to 95% non-condensing
Electrical			
System power:		110 VAC +/- 10% 50/60Hz, 15 Amp Max 220VAC +/- 10% 50/60Hz, 10 Amp Max	110 VAC +/- 10% 50/60Hz, 15 Amp Max 220VAC +/- 10% 50/60Hz, 10 Amp Max

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