

# CX150180SI

## X-Ray Inspection System



Engineered for ease of maintenance and minimal downtime in the most challenging environments



### INCREASED TUNNEL SIZE

61" (W) x 71.1" (H)

### HIGH IMAGE QUALITY

Wire resolution of 36 AWG and steel penetration of 50mm

### HEAVY-DUTY ROLLER CONVEYOR

With standard load capacity up to 2000kg

### AUTOMATIC DETECTION

Customizable capabilities for explosives and narcotics

### COMPLIANT

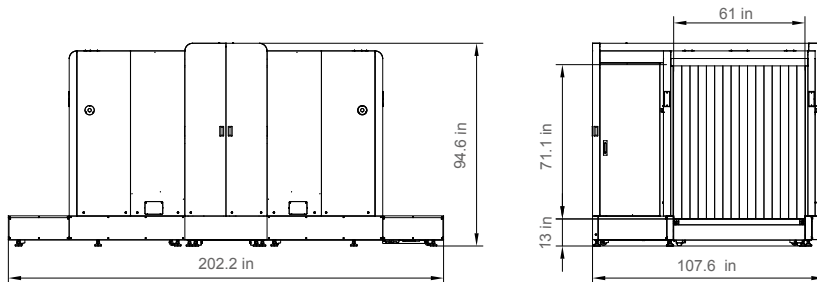
Complies with all international safety and health standards: X-ray leakage around the equipment is close to natural background

### ERGONOMIC DESIGN

Keyboard and user interface empower the operator to quickly manipulate images and view multiple angles and sizes

### BUILT-IN DIAGNOSTIC FACILITY

Enhances efficiency of maintenance and service programs



The STVS CX150180SI X-ray inspection system accurately screens for explosives, narcotics, weapons, and contraband concealed in palletized cargo and large parcels and bags. Featuring a large tunnel opening of 61" wide by 71.1" high and a durable low-height roller conveyor, CX150180SI is engineered for use in challenging operational environments including at airports, seaports, rail transportation stations, warehouses, government facilities, and critical infrastructure.

## TECHNICAL SPECIFICATION

Tunnel Dimensions	61in (W) x 71.1in (H)
Conveyor Speed	0.20m/s
Conveyor Height	13 in
Max. Load	4,409.24 lbs.

## IMAGE PERFORMANCE

Wire Resolution	36 AWG
Steel Penetration	50mm
Display Resolution	1280 x 1024

## IMAGE PROCESSING SYSTEM

Image Enhancement	Color/BW, negative, high/low penetration, organic /inorganic stripping, general enhancement, multi-absorptivity, and suspect material enhancement
Material Classification	According to atomic number signatures
ROI & Zoom	Step/stepless zoom, up to 32 times enlargement
Image Recall	Preceding images recallable
Image Storage Capability	Up to 100,000

## MISCELLANEOUS FUNCTIONS

Standard Functions	Time/date display, counters, user management, system-on/X-ray-on timers, power on self test, built-in diagnostic facilities, dual-direction scanning, system log, system standby and training, etc.
Other Functions	Explosives/narcotics detections, high-density area alert, threat image projection (TIP)

## HEALTH AND SAFETY

X-ray Leakage	Less than 1 $\mu$ Gy / h (5cm from the housing) complying with all published international standards
Film Safety	Guaranteed for high speed film up to ASA/ISO1600 (33DIN)

## INSTALLATION DATA

Dimensions	202.2in (L) x 107.5in (W) x 94.6in (H)
Weight	6,569.77 lbs.
Storage Temperature / Humidity	-40°F ~ +140°F / 5% ~ 95% (non-condensing)
Operating Temperature / Humidity	32°F ~ +104°F / 5% ~ 95% (non-condensing)
Power Supply	200VAC ~ 240VAC (-15% ~ +10%), 50 Hz/60Hz 3Hz
Power Consumption	1.8kVA