

This trolley x-ray machine is a specially designed to help the x-ray operative identify threat items within airline service trolleys and carts.

Multiple views in one image the specially designed U-Shaped detectors allows you to achieve 100% inspection, including the difficult to search internal ice draw compartment, the underside braking mechanism, and a full side view, in one easy to assess image.

Special Automatic Doors are used, instead of lead curtains, this means loose items can be place in the top of the trolley without disturbance, increasing flexibility and throughput.

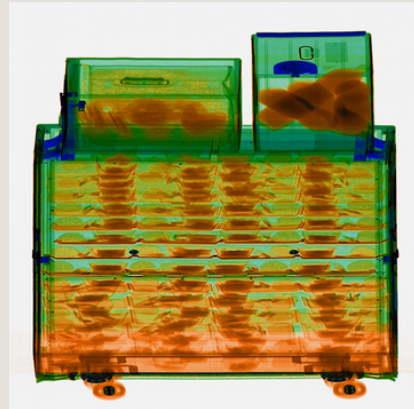
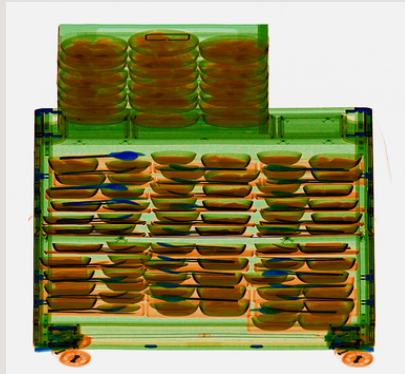
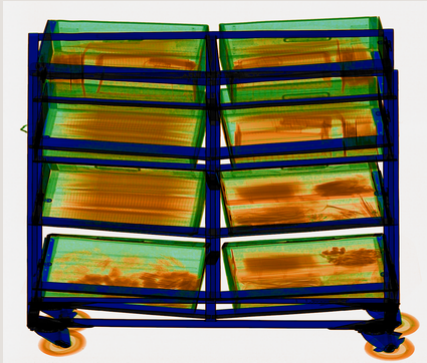
Dual Energy Technology provides automatic colour coding of materials according to their effective atomic numbers.

Image Processing Features including material separation colour display, pseudo colour, black and white image, positive/negative, contrast manipulation, edge enhancement, organic/inorganic stripping, high/low penetration, high density alert

Image Display Features including image review, variable zoom up to 16x, view change.

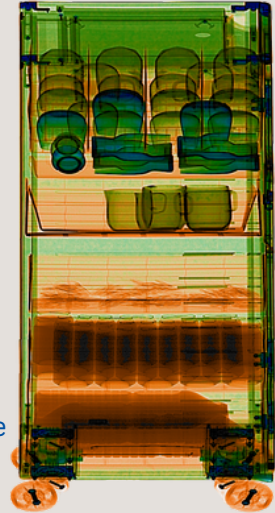
Additional Features: baggage counter, data and time display, all views in real time preview.

The XRC ACS-SVP meets all international health & safety requirements.



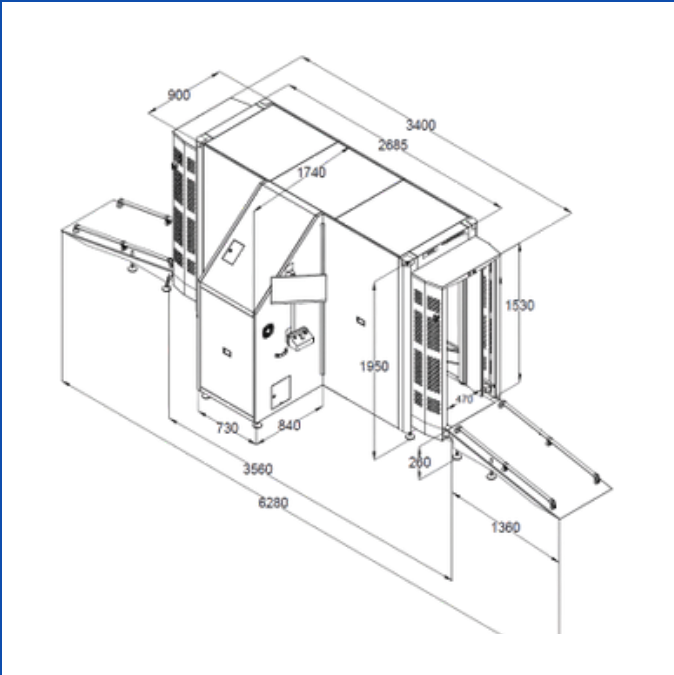
Product Specification

Tunnel Size:	470 mm x 1500 mm
(W x H) :	18,50 in x 60,24 in
Dimensions:	6280 mm x 1740 mm x1950 mm
(L x W x H):	247,25 in x 68,50 in x 76,77 in
Approx. Weight Unpacked:	~1600 kg (3527 lbs.)
Conveyor Height:	260 mm (10,24 in)
Max Object Size:	410 mm x 1480 mm
Conveyor Load Capacity:	200 kg (441 lbs.) Evenly Distributed
System Power:	120/220V AC ± 10% 50/60 Hz, 10A / 5A max.
Conveyor Speed:	0,20 m/sec. Forward or Reverse - 3 Trolleys per minute
Wire Resolution:	38 AWG guaranteed; 40 AWG typical
Steel Penetration:	35 mm guaranteed; 38 mm typical



Optional Accessories/Features

External UPS (For system)
Operator Console (Open-Closed/Adjustable/I-stand)
Additional 21,5"- 27" Flat Monitor
Ultrasonic Rat Repellent
Barcode Reader System
External Camera Archiving
Remote Viewing Station
Network Supervisory System (NSS)
Remote Access Connection
Smart Card Login



Great innovative service

Worked with Todd over the past and found the service excellent. Equipment of a very high standard, support arrangements solid and reliable.

The company works alongside you to produce the best result for the client.

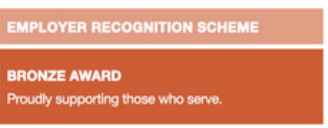
No hesitation in recommending Todd to others.

Quality at work!

Quality, robust products at fair prices. They meet all expectations. Highly recommended!



High Definition imaging for the inspection of airline service trolleys.



Airline Trolley Scanner

Minimum foot print.

3560mm (L) x 1740mm (W) (ex ramps), 6280mm (L) x 1740mm (W) with ramps.

Fitted with a solid rubberised continuous belt conveyor, which mean the trolleys can be manually hand feed to the machine without any additional equipment.

No requirement to apply the foot brake during loading and unload.

Base height only 260mm so enabling the use an inclined ramp.

Maximum height of only 1950mm, making the machine suitable in confined spaces.

The machine is fitted with automatic doors which open and close without touching the trolleys.

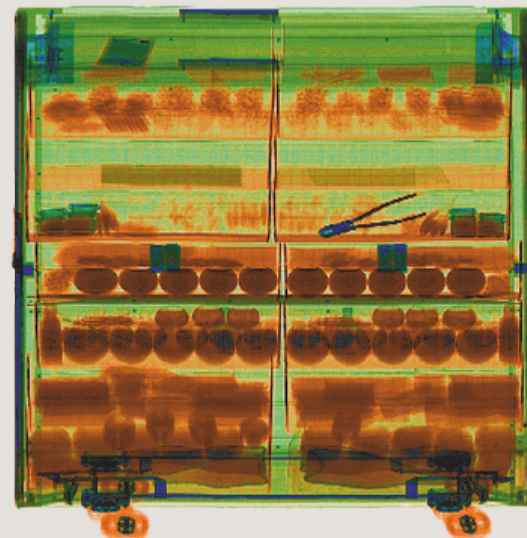
Due to the inbuilt safety inter locks the automatic doors ensure the highest possible safety standards at all times. Fully compliant with national and international regulations

Based on EU / UK regulations all inbound goods must be screened, or purchased from an approved supplier.

Current screening of inbound goods is a manual process, and very labour intensive as 100% of all items must be handled as part of the screening process.

100% of all outbound trolleys, and 50% of all goods within the aviation trolleys (and overhead containers) must also be searched to ensure they do not contain any prohibited items. This is a manual process and can take over 1 hour to complete with over 20 staff (dependant on flight type).

By using x-ray screening, in conjunction with a security zone. The inbound inspection and final search can be completed in a single operation at a fraction of the time it takes to complete a manual search, enabling 100% inspection of all items, and taking away the need to use approved suppliers. The total process of x-ray screening including the final search takes a fraction of time – 20 seconds per trolley using 2-3 staff.



Airline Trolley / Cart Scanner X-ray Inspection System

Up to 3 scans per minute (full or half carts and multiple boxes).
10 x faster than traditional methods.
100% scanning of all items!



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Threat from suspect devices is not exclusive to any one sector, consequently over many years Todd Research has built an enviable reputation partnering with organisations as diverse as Government, Embassies, Global Banking, Pharmaceutical, Oil & Gas, Legal, Media, Facilities Management, Retail and many more. Call Todd Research to understand how we can help protect you, your personnel and assets.

Todd Research Limited

9C Trafalgar Way | Bar Hill | Cambridgeshire | CB23 8SQ |

UK tel: +44 1480 832202

email: xray@toddresearch.co.uk

web: www.toddresearch.co.uk

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Detect & Protect



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