

A New Standard in Checked Baggage Screening

The Yxlon 3500 system is a further development of the Yxlon 3000™ explosives detection system (EDS) based on coherent X-ray scatter (CXRS), which identifies materials based on their molecular composition.

The Yxlon 3500 system will offer the additional capability of localized screening to inspect areas of bags that have been identified as suspicious by a previous screening step. The Yxlon 3500 system will use alarm location data, acquired from bag images collected by an EDS positioned earlier in the BHS, to focus on a subsection of the bag. This ability to focus on a limited threat area will greatly increase the throughput of the Yxlon system. The Yxlon 3500 system is designed to resolve alarms from other explosives detection systems without depending on operators and other time-consuming procedures. This will result in a

significant increase in overall detection rates and reduced processing times for passenger baggage, while greatly reducing operating costs.

Benefits

- Increases overall detection rates
- Reduces the utilization of operators
- Improves the resolution of suspicious items
- Reduces overall operating costs
- Provides customizable, dynamic threat libraries based on customer requirements
- Minimizes the number of bags that require reconciliation

Explosives Detection Down to the Molecular Signature



Worldwide Locations

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www.gesecurity.com

Overall System (Maximum Dimensions)

Length	235.0 in.	5970 mm
Width	102.0 in.	2590 mm
Height	100.3 in.	2547 mm
Conveyor Height	39.4 in.	1000 mm
Tunnel Width	39.4 in.	1000 mm
Inspection Height	20.5 in.	520 mm
Weight (approx.)	21,605 lbs.	9800 kg

Environment (Operating)

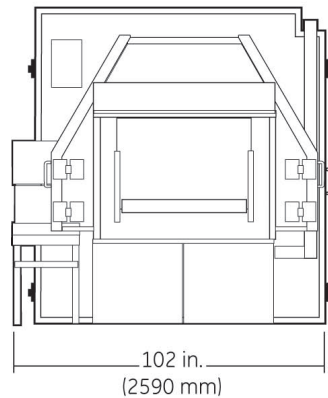
Main Supply	3 x 240/400 VAC \pm 10% (3-phase, neutral and ground); 50/60 Hz, 48 A
Operation Temperature	41 to 104°F (5 to 40°C)
Humidity	20% to 90% (noncondensing)

Luggage (Maximum Dimensions)

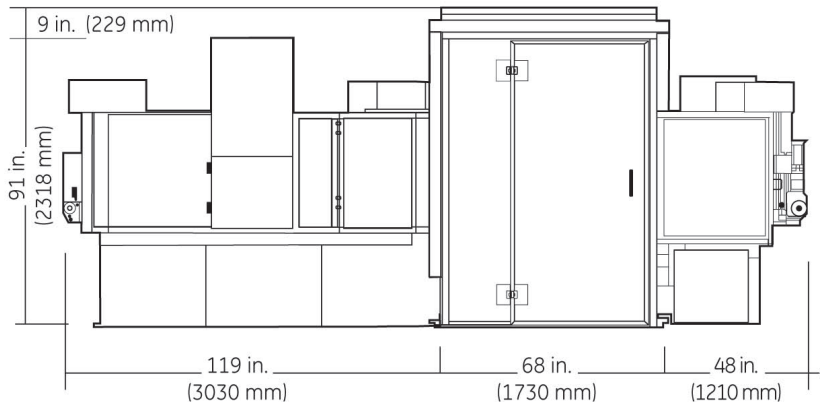
Length	47.2 in.	1200 mm
Width	39.4 in.	1000 mm
Height	23.6 in.	600 mm
Weight	132 lbs.	60 kg

Standards and Norms

- Conform to all pertinent CE directives, standards and regulations
- 21 CFR 1020.40
- The quality assurance system of YXLON International Security GmbH is ISO 9001 certified



Front View



Side Elevation