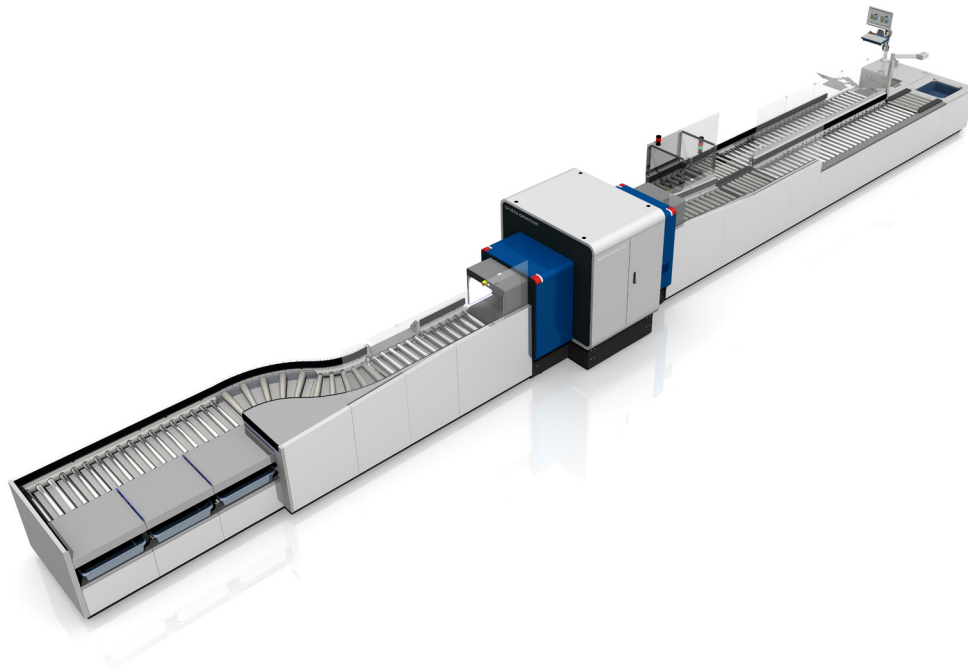


iLane A20™

The intelligent, efficient passenger checkpoint lane



Feature Highlights

- Plug&Play installation
- Auto software configuration
- Divest and reclaim modules available in different heights 750, 800 or 850 mm
- Modular design can be customised to meet individual requirements
- Advanced system performance and health monitoring
- Seamless integration into Checkpoint.Evo^{plus}
- Cladding available in any RAL colour

A new fully Automated Tray Return System (ATRS) from Smiths Detection, iLane A20 was designed to increase throughput, reduce queues and improve operational efficiency at aviation passenger checkpoints.

This intelligent lane has evolved from our extensive experience in integrated checkpoints and meets the most demanding customer requirements. Parallel divest, automated tray return, empty tray verification and diversion of suspicious bags together maintain effective throughput and support a seamless, passenger friendly, screening process.

iLane A20 is modular and flexible, offering standard lane configurations which can be customised to suit low to high throughput levels and individual space parameters. The height of the divest and reclaim area can be ordered at 750, 800 or 850 mm.

When choosing 850 mm and a HI-SCAN 6040 CTiX we can also offer a flat lane without any incline/decline module saving additional floor space. The latest functionality, including system performance data and health care light sensors, result in a highly reliable and available system. Integration with Checkpoint.Evo^{plus} delivers even more valuable management information, the option for remote screening, plus visualisation and analysis across all system modules.

iLane A20 is easy to install, maintain and service – once the required modules are connected, configuration is automatic. It can be modified and adapted to any changes in the environment and expand with growing operational upgraded demands.

Technical Data

Conveyor height divest	750, 800 or 850 mm (no seamless height adjustment, despite tolerance)
Conveyor height reclaim	750, 800 or 850 mm (no seamless height adjustment, despite tolerance)
Conveyor height X-ray/CT unit	950 mm (only CTiX can be at 850 mm)
Conveyor speed ¹⁾	Top level: average 0.2 [m/s] • Tray return: average 0.4 [m/s]
Tray spacing	10 – 50 cm adjustable
Max. conveyor load	25 kg / conveyor zone
Operating conditions	For use with Smiths Detection SD2 and SD3 trays. Further trays on request
Sound pressure	< 65dB(A)
Operating temperature	0°C – 40°C
Humidity	10 - 90% non-condensing
Power supply	single phase 230 VAC +10% / -15% • 50 Hz - 60 Hz ± 3 Hz single phase 120 VAC +10% / -15% • 50 Hz - 60 Hz ± 3 Hz

Additional Features

Features	Serial or Parallel Divestment, Diverter, Automatic Reclaim unit, Last Minute Insertion; easy lost item collection, Recheck station, Operator Tray Infeed at Recheck, Health care light barriers, Auto-configurable modules. Easy plug&play installation, Empty Tray request
Options	Empty Tray Detection SD3 only, High Threat Module, Operator cladding, different cladding color options. Local Supervision, Force to Reject in combination with Checkpoint.Evo ^{plus} , LED lights at divest area and kick plate, divest full stop function, different buttons (push button, toggle switch, buzzer), rubber feet, different divest separators (low/high), sneeze guards
Full Integration	Checkpoint.Evo ^{plus} for RFID tray identification, remote screening and directed search HS 6040 CTiX and various other 6040 and 7555 tunnel size X-ray units

¹⁾ can be adjusted in different zones