



# SWIFT DROP

A FASTER BAG DROP SOLUTION.

A collaboration of

**ALSTEF**  
GROUP

and

**SITA**



**BEYOND  
AUTOMATION**



HYBRID DESIGN WITH AGENT ASSIST MODE

## AUTOMATED OR HYBRID DESIGN WITH ADA COMPLIANCE

**Faster processing and improved passenger experience while maximizing available terminal floor space.**

Reliable, scalable, efficient, and future-proof, Swift Drop is the perfect solution to facilitate a smoother and easier passenger bag-drop experience.

Baggage check-in can be a stressful experience for passengers and airports if processes do not run smoothly. For airports, the repercussions can be far more costly; longer check-in queues, higher staffing costs and less time for passenger's air-side leading to reduced revenues, and many unhappy customers.

Swift Drop is a new-fit solution created in collaboration with air transport IT provider SITA allowing for fully automated self bag-drop and the option for a hybrid solution allowing for seamless transition to manual control.

Highlighting the importance of creating environments that cater to everyone, Swift Drop ensures accessibility for individuals with disabilities, promoting diversity and inclusiveness.

Comprising of SITA's award-winning TS6 kiosk and Alstef Group's fully integrated bag processing solution, Swift Drop has the option to enable passengers to print their own bag tags without assistance and load their baggage onto the accessible, multi-side conveyor.

Swift Drop takes current and future needs into account, allowing for configuration of the base product to meet your needs today, but also the ability to upgrade and extend the product to meet future needs.



CONTROL OF MATERIAL  
AESTHETICS TO AID BRAND  
HARMONY



UNIQUE CAMERA  
TECHNOLOGY FOR SUPERIOR  
OPERATING SPEEDS



TUB DETECTION AND BAG  
HYGIENE



INTRUSION DETECTION  
ALLOWS FOR AN OPEN, SAFE,  
AND SECURE DESIGN



LOW-PROFILE, CONVENIENT  
LOADING CONVEYOR

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## ERGONOMIC DESIGN



With a modern, sleek, design and access points from multiple sides, the sloped front and easy lifting side access enables passengers to place their baggage in a way that is most convenient to them, providing quicker throughput of passengers.

Swift Drop also has clearly visible status lights that enable passengers to pick the right machine and that enable airport staff to quickly identify if there are any issues.



## FASTER BAGGAGE INTAKE

Advanced camera tag-reading technology ensures baggage will also be processed faster, with an average first-time tag read rate of greater than 95%.

## MAXIMUM SECURITY



The lidar based intrusion detection feature and advanced sensors prevent interference during processing. Swift Drop guarantees a safe and secure area for all passengers to drop their luggage.



## EASY INSTALLATION AND MAINTENANCE

The modular design provides a system of building blocks – roll-out conveyors, easily removable trim and fixings on the TS6 kiosks – making transportation and installation of the bag drop fast and efficient.



## BAGGAGE ANALYTICS

Bags are analyzed with different technologies to determine the weight, the size and potential conveying issues.

The following technologies have been integrated to ensure a fast and easy self-service experience:

- **3D Dimensioning:** Identifies oversized bags with superior operating speed and accuracy.
- **AI-Based tub detection and bag hygiene assessment:** An intelligent camera-based solution utilizing state-of-the-art Deep Learning and AI technology - can automatically detect and remove tub weight when a tub is identified on the scale conveyor. The same technology can also determine whether a bag needs to be placed in a tub to avoid potential bag jams.



## MODULAR, CONFIGURABLE KIOSK



The fully automated version includes the SITA TS6 kiosk with a welcoming common-use interface, an integrated boarding pass reader, and enables a fast and easy self-service experience for all passengers.

The configurable kiosk design allows you to customise individual components, all without compromising the look and feel of the product.

This includes:

- swappable device shelf
- configurable base height
- optional payment terminal
- optional biometrics with modular camera
- optional tag printers
- swappable branded or textured side panels

# ALSTEF

## GROUP

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