Series 3 Self-Service Bag Drop

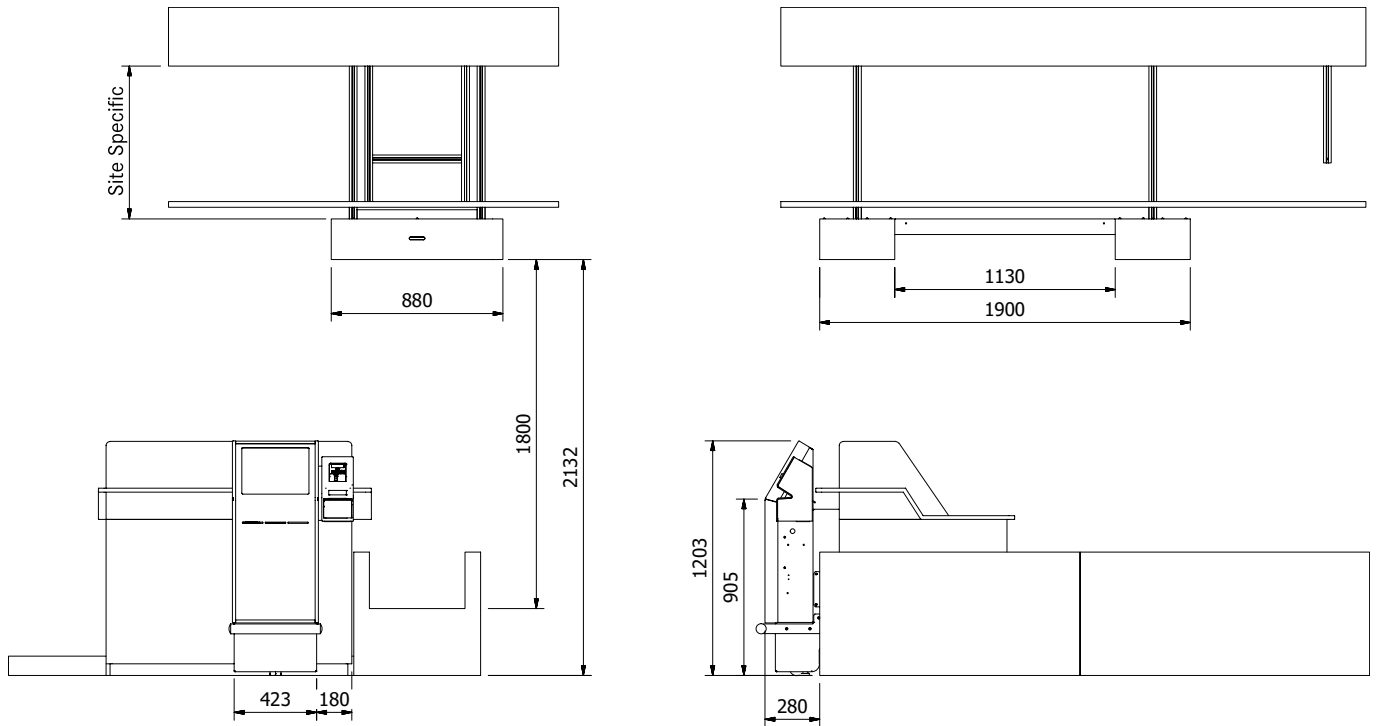The highly advanced automated retrofit self-service bag drop

The Series 3 is a highly advanced automated bag drop solution, designed to be retro-fitted to existing airport infrastructure. A sophisticated sensor array is mounted above the conveyors that automatically reads the bag tag, and creates a virtual exclusion zone which prevents weight tampering and ensures passenger safety. No processing or movement of baggage will occur if there is an intrusion into the protected zone.

Simultaneously, baggage is analysed in 3D to determine conveyability. The Series 3 will prompt a passenger to use a tub if required, with tub detection and net weight calculation performed automatically. Light curtains at the front and rear of the sensor array create an "airlock" like security feature that will raise an alarm should passengers walk or throw objects over the conveyors.

Features

> Fits with / on to existing infrastructure

> Installation requires minimum disruption to Airport operations

> Offers upgrade path from Series 1

> Simple user interface

> 1 or 2 step capable

> < 30 seconds using the simple intuitive interface in a 2-step bag tagging process

> No physical changes to BHS system

> 3D baggage conveyability analysis

> Dynamic virtual box technology

> Tub detection

> Security "airlock" light curtains

> Optional add-on functionality available (Biometrics, passport scanning, and payment terminal)

auto bag drop
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Series 3 Self-Service Bag Drop

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Features	Comments
Single Units	Left and Right handed versions available.
17" Capacitive Touch Screen	Responsive and generously sized for ease of use.
3D Baggage Analysis	Baggage profiling and conveyability analysis. (Upright bags, multiple bags, non-conveyable bags, tubs, etc.) Customisable profiling is available upon request of the client.
Dynamic Virtual Box	Detects intrusion onto the conveyors whilst the bag is being processed. Benefits include increased passenger safety, security and baggage weighing integrity.
Automatic Bag Tag Barcode Reading	Bag tag readers eliminate the need for hand-held scanning by passengers.
Customisable Hardware	Additional features such as biometric verification, passport validation, payment terminals, CCTV and RFID may be retro-fitted on to the Series 3.
Customisable Airline Application	ABD Airline Application design is configurable to client requirements. (Screen design, workflow sequence, animations, branding, etc.)
CUSS Compliant	Centrally hosted (local or remote) web application supports a thin client architecture.
Local Process Rules	Flight table, baggage weight excess and other local rules can be easily configured by an authorised user.
Multi-lingual	Natively supports the use of multiple languages.
Receipt Printer	Baggage receipt printing per transaction (multiple bags on the same receipt). Facilitates excess baggage revenue collection by printing excess payment advice.
Heavy Tag / Bag Tag Printer	Up to 3 printers may be installed, accommodating a 1 or 2-step process.

*Please note that these features can be changed at any time by ICM without notice.