AUTOMATED CONTAINER UNLOADER

The Automated Container Unloader is a fully automated system for unloading bags from ULDs with minimal operator intervention.

Developed to virtually eliminate manual handling of baggage out of the ULD, the Automated Container Unloader is capable of increasing the efficiency, throughput and security of the baggage handling process, in addition to minimising manpower and cost.

With a throughput of up to 24 ULDs per hour, the Automated Container Unloader ensures that baggage is unloaded more efficiently to support shorter time-frames.

FEATURES

> High-efficiency ULD unloading

> Fully automated system with minimal operator intervention

> Unloads up to 24 ULDs per hour

> Suitable for unloading a range of ULDs

> Capable of handling heavy baggage.

BENEFITS

> Eliminates manual handling

> Fully automated process increases security

> Improves workplace safety and ergonomics

> Reduces overall manpower

> Minimal operator training required.

AIRPORT

SPECIFICATIONS

❯ Footprint of an Automated
Container Unloader (L x W x H):
6400 x 4370 x 2120 mm
(21 x 14 x 7 ft)

❯ Unloading capacity (peak):
900 bags/hour

❯ Power Consumption: 2kw

❯ Weight/Load: 3000 kg
(3.3 short tons)

❯ Compatible with the following
ULDs:
AKC: 2337 x 1534 x 1624 mm
(7.6 x 5 x 5.3 ft)

AKE: 2007 x 1534 x 1624 mm
(6.6 x 5 x 5.3 ft)

AKH: 2438 x 1534 x 1168 mm
(8 x 5 x 3.8 ft)

APE: 1562 x 1534 x 1624 mm
(5.1 x 5 x 5.3 ft)

As the Automated Container Unloader requires a much smaller team of operators compared to manual unloading, there is a significantly reduced risk of baggage being lost or misplaced through human error. This can improve the Incident Rate (IR) and the quality of the baggage handling system, in addition to increasing security by minimising human contact with the bags.

The ULD is automatically positioned into the Automated Container Unloader

The unloader automatically tips each ULD twice to ensure that every bag is transferred to the conveyor