CRISCHECK®
CHECK-IN CONVEYORS

CrisCheck® check-in conveyors from the Crisplant® product range integrate weighing and labelling in a single, flexible system which meets all relevant international safety standards. The floor-mounted frame features integrated wheels for easy access and movement, whilst the modular design offers a choice of belt types and widths. CrisCheck® can easily be expanded or reconfigured as the airport adapts to changes in future demand. This includes self bag drop designs, such as the MyCheck™ solution, to be used in new terminals as well as retrofit into existing check-in halls.

FEATURES

› Elegant modular design

› Choice of belt types and widths

› Fully integrated scale and control system

› Configuration as single or multiple stages

› Optional Out-of-Gauge (OOG) check-in.

BENEFITS

› Easy installation and commissioning

› Safe and secure operation

› Flexible configuration to fit available floor space

› Designed to comply with international standards

› Low noise level at <65dB(A).

AIRPORT

SPECIFICATIONS

LOAD CAPACITY
❯ Static load: 150 kg/min (330 lbs/min)

❯ Live load: 50 kg (110 lbs)/item maximum luggage weight

WEIGHING SCALE
❯ 0.0-150.0 kg (± 50 gr)/0.0-330.0 lbs (± 1,8 oz) weighing range

❯ Integrates 4 high-resolution load cells

❯ Meets all relevant international standards

SPEEDS
❯ 0.35 m (1.2 ft)/sec. weighing and labelling conveyor

❯ 0.63 m (2.1 ft)/sec. despatch conveyor

MOTOR
❯ 0.18 kW or 0.37 kW drum motors

❯ Durable steel gearing

❯ Low noise

NOISE LEVEL
❯ Less than 65 dB(A). Measured according to DIN 45635, average at 1 m (3.3 ft) from the conveyors

CONTROLS
❯ Standard operator controls:

❯ Emergency stop

❯ Reset

❯ Desk key switch on/off

❯ Belt run

❯ Bag release

OPTIONS
❯ Front guard light in low-voltage LED available in multiple colours and wording options

Twin passenger and operator displays simultaneously show the bag weight, total weight and the number of bags. Maintenance is simplified by a pull-out design along with the use of electrical plugs and sockets, which also eliminates incorrect connections, whilst the stainless steel design ensures an extended operational life.

Both the weighing and labelling conveyor feature endless PVC belts with longitudinal ribs, whilst the despatch conveyor is fitted with a diamond profile belt. This provides a smooth transition from the check-in conveyor to the sorting conveyor.

A dedicated Out-of-Gauge (OOG) baggage check-in and conveyor can be added to the CrisCheck® system to ensure the safe and efficient handling of baggage which is above the recommended maximum size or weight for the standard CrisCheck® system.

Finally, an ASi distributed control node module manages power and signals to field devices and provides effective cable management, in addition to simplifying maintenance and troubleshooting.