



CRISCLAIM® BAGGAGE CAROUSELS

The CrisClaim® carousels from the Crisplant® product range are low noise carousels based on a customised modular concept. The carousels offer convex and concave solutions to use available space effectively. CrisClaim® carousels are available in flat and inclined versions and tailor made cladding can be integrated to fit into the architectural environment. CrisClaim® carousels have very low maintenance needs and thus total life-cycle cost is at an absolute minimum.

The CrisClaim® carousels are built of a number of straight and curved modules which are plugged together on site and thus forming the framework required. The modular design reduces the installation time and provides easy and trouble free installation.

FEATURES

- › New running and steering wheels
- › Backwards compatibility
- › Upgrade possible during routine maintenance
- › Kit replacement options for various sorter types.

BENEFITS

- › Cost-effective and reliable baggage transport
- › Low energy consumption
- › Fast and cost-effective assembly, installation and maintenance
- › Low product life-cycle costs (PLCC).

SPECIFICATIONS

Depending upon the design, the carousel may consist of the following parts:

- › Standard straight sections.
Length: 2400 mm (7.87 ft) or 2980 mm (9.77 ft)
- › Curve sections 45° and 90° as standard and odd angles as an option
- › Safety guarding in accordance with relevant standards and regulations
- › Casted aluminium chain
- › Pitch: 250 mm (9.8 in)
- › Cart with mounted flight and bumper/slat
- › Baggage induction plate
- › Standard speed rate 0.3-0.5 m/sec* (11.8 in - 1.6 ft/sec*)
- › Static load 200 kg/m (440 lbs per 3.3 ft)
- › Dynamic load capacity max 200 kg/m (440 lbs per 3.3 ft)
- › Maximum baggage length/width: 1200/750 mm (3.94/2.46 ft)
- › Noise level of max. 65 dBA
- › Friction drive unit(s) with standard motor(s)

The obverse of the framework is covered with painted or stainless steel and black kick plates. The framework features:

- › Concave and convex form
- › Stainless steel cladding
- › Paint colour as requested
- › Electrical soft starter or optional frequency inverter
- › Optional infill (wood, steel etc.)
- › Optional redundant drive.
- › Running direction: Anti-clockwise

*Higher or lower speeds are possible on request. All measurements are approximate.



Depending on the total length, a carousel has one or more drive units. Carousel using two or more drive units can continue service with reduced load carrying capacity if one drive section fails. This redundancy comes from the principle of a self-adjusting friction drive. Integrated redundant drives automatically share the load if one drive section fails and baggage handling operations will continue uninterrupted.

The self-adjusting friction drive also, minimises the wear and tear – a factor contributing to extremely low maintenance requirements.