



# ROBSON CAROUSEL

Greater throughput, greater efficiency

An endless surface where baggage can be displayed prior to reclaim. Robustly constructed, flexible in design delivering maximum safety and user friendly features.



Feasibility



Design



Manufacture



Install



Maintenance

## Features and Benefits

<p><b>Lower Maintenance Cost</b></p> <p>Modular and durable design.</p> <p>Significant savings in relation to spare part inventory requirements and costly downtime.</p>	<p><b>Increased Safety</b></p> <p>The conveying surface comprises of overlapping flexible rubber slats, supported on the underside by steel carriers.</p> <p>A user friendly surface that eliminates finger traps, whilst having a strong support that withstands heavy luggage.</p>	<p><b>Guaranteed Quality</b></p> <p>Decades of airport experience. Manufactured by highly skilled engineers.</p> <p>Durability and longevity of equipment, equating to lower maintenance costs.</p>	<p><b>Innovatively Designed Layout Solutions</b></p> <p>A combination of straight and radius sections provides the flexibility to accommodate the available space.</p> <p>Greater throughput and efficiency. More innovative layout designs in complex and compacted spaces</p>
<p><b>Reduced Lead-Time</b></p> <p>Flexibility and responsiveness to meet tight project deadlines.</p> <p>Minimum disruption to ongoing airport operations.</p>	<p><b>Bespoke Design</b></p> <p>A choice of finishing materials, available with Caterpillar Chain or Friction Drive units. Ideal for Landside or Airside service.</p> <p>Product consistency across your airport.</p>	<p><b>Aftermarket Support</b></p> <p>Call out support, 24 hour help line, maintenance support, refurbishment service and spare part inventory.</p> <p>Increased product life and avoidance of costly downtime, equating to long-term cost savings.</p>	

## Technical Features

Length	Unlimited to suit building constraints
Widths	Airside Baggage Hall - 1000mm / Landside Baggage Reclaim - 890mm
Bend Diameter	Min 1150mm - Max unlimited
Material	Mild Steel or Stainless Steel
Finish Choice	Mild Steel - Galvanised or Powder Coated Stainless Steel - 240 grit finish Stainless Steel
Speed	0.45 metres per second
Capacity	Maximum chain pull 540 kg
Drive	Geared Motor Unit
Friction Drive	Composite, Bi directional blocks, driven by a friction belt
Caterpillar Chain	Steel Chain Links, driven by a sprocket
Options	Flame retardant rubber slats to ISO 340
Emergency Control	Passenger Reclaim: Mounted or recessed EStop / Makeup Area: EStop or Pullwires

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