



Pacific Conveyors Ltd SPECIFICATIONS

Model SB650 Incline scanner feeder conveyors

Pacific Conveyors Ltd. MODEL SB650 incline scanner feeder conveyors are engineered to handle a load of 60 kg per meter of length, with a minimum service factor of 1.35, and to start fully loaded. Safety features developed in collaboration with the Canadian Air Transport Security Authority (CATSA) 2012, are incorporated in the current design.

End rolls	PCI model "BT" Style C Diameter 114 mm Face width 660 mm, dual crowned Internal bearings for 1.00" (25 mm) shaft
Take up	PCI model "BT" Style C Diameter 114 mm Face width 635 mm, dual crowned Internal bearings for 1.00" (25 mm) shaft
Drive roll	PCI model "BT" Style B Diameter 152 mm Face width 660 mm, dual crowned Keyed bushings for 1.00" (50 mm) shaft Vulcanised friction lagging 6 mm thick Bearings SBFL205-100
Snub rolls	PCI model "BT" Style C Diameter 76 mm Face width 660 mm, dual crowned Internal bearings for 1.00" (25 mm) shaft
Belt	Habasit Trackmate Type NSL-11ESBV Flame retardant to DIN 22103, ISO 340 Width 647 mm Length 4700 mm Mild steel clipper lacing
Motor	Iron Horse MTRP50-3DB18 1725 rpm @ 60 hz, 1/2 HP (.38 kW) FLA 1.9 amps
Gearbox	Automation Direct MODEL WG175-020-D
Sprockets	40B18 x 7/8 (on gearbox) 40B 32 x 1" (on driven shaft)
Chain	#40 premium rivetted Length 40" (80 pitches including con link)
Controller	KB Electronics MODEL KBMA
Foot switch	SSC Control Company Model S100-1501
Cladding in public areas.	14 ga. stainless. #4 brush finish

PACIFIC CONVEYORS LTD.

Unit 101-7088 VENTURE STREET, DELTA, B.C. V4G 1H5
TELEPHONE (604)-940-1868 E MAIL pacco@telus.net

*engineered material
handling solutions*



Full details and operating and maintenance manual can be downloaded from
http://www.pacificconveyors.com/technical/manuals/MODEL_650SB_Scanner_feeder.pdf



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SPECIFICATIONS

MODEL 914SB "Trackmaster" baggage conveyors

Each Pacific Conveyors Ltd. MODEL 914SB conveyor is sized and engineered to suit a specific length, speed and capacity. The following component list is a generic example. As a general principal, MODEL 914SB is designed to handle live loads as high as 90 kg per meter of length, with a minimum service factor of 1.35 and to start fully loaded. MODEL 914SB and its smaller cousin, Canadian made MODEL 650SB are currently in use at dozens of Canadian airports - from coast to coast to coast.

End rolls	PCI model "BT" Style C Diameter 127 mm Face width 965 mm, dual crowned Internal bearings for 1.25" shaft
Drive roll	PCI model "BT" Style T Diameter 203 mm Face width 965 mm, dual crowned XT bushings for 1.5" shaft Vulcanised friction lagging 9 mm thick Bearings UCFL 207-108
Snub roll	PCI model "BT" Style C Diameter 101 mm Face width 965 mm, dual crowned Internal bearings for 1" shaft
Take up	PCI model "BT" Style C Diameter 127 mm Face width 965 mm, dual crowned Internal bearings for 1.25" shaft
Return rolls	PCI model "BT" Style C Diameter 76 mm Face width 965 mm, flat faced Internal bearings for 3/4" shaft
Belt	Habasit Trackmate Type TMIPH533EMB Flame retardant to DIN 22103, ISO 340 Width 914 mm Mild steel clipper lacing
Gearmotor	SEW Eurodrive or equivalent. Size, ratio and motor voltage as required Energy efficient, Inverter compatible
Cladding in public areas. 14 ga. stainless. #4 brush finish.	

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SPECIFICATIONS

Gravity systems

ROLLER CONVEYORS IN PUBLIC AREAS

Tubes	16 gauge #304 seamless stainless steel tube
Diameter	41 mm
Spacing	44 mm
Bearings	Zinc electroplated, non precision, 65 kg capacity
Frame	12 gauge #304 stainless steel. #4 brush finish
Support	50 mm square stainless tube
Adjustment	Screw adjustable non-slip levelling pads

ROLLER CONVEYORS IN AIRSIDE AREAS

Tubes	16 gauge zinc electroplated steel tube
Diameter	48 mm
Spacing	57 mm
Bearings	Zinc electroplated, non precision, 61kg capacity
Frame	10 gauge powder coated mild steel channel
Guard rail	12 gauge zinc electroplated angle
Support	10 gauge powder coated mild steel
Adjustment	Slotted channel in channel

ROLLER CURVES, ROLLER SPIRALS

Tubes	18 gauge #304 seamless stainless steel tube
Diameter	25 mm
Spacing	varies
Bearings	Zinc electroplated, non precision, 32 kg capacity
Frame	12 gauge #304 stainless steel. #4 brush finish
Support	50 mm square stainless tube
Adjustment	Screw adjustable non-slip levelling pads

MULTI DIRECTIONAL BALL TRANSFER TABLES

Balls	Creative Systems Model EHSMS stainless stud mount
Diameter	25 mm
Capacity	45 Kg
Spacing	76 mm x 76 mm matrix
Frame	12 gauge #304 stainless steel. #4 brush finish
Support	50 mm square stainless tube
Adjustment	Screw adjustable non-slip levelling pads

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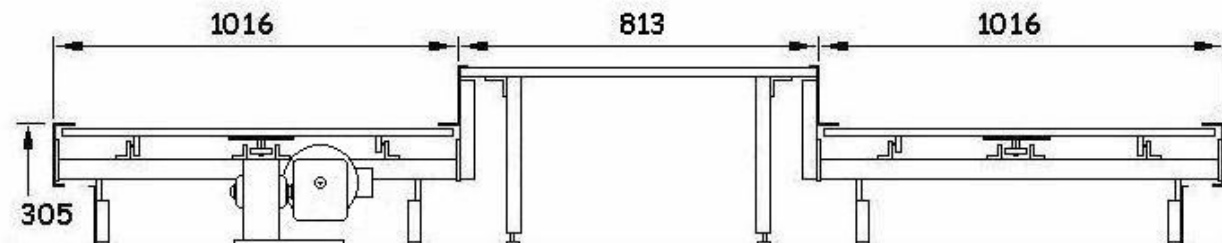




Pacific Conveyors Ltd SPECIFICATIONS Series 2000 "Loadmaster" Baggage Distribution Loop

Pacific Conveyors Ltd. "Loadmaster" baggage distribution loop is a single, endless, non-reversible conveyor, sized and configured to suit the required load capacity and footprint. It is designed to handle live loads of 100 kg per meter of center line length and to start fully loaded. This carousel and its predecessor - the Canadian made Mathews "Cresflight" - have been workhorses of the Canadian airline industry for over 50 years.

- Conveying tread** Consists of a series of crescent shaped urethane covered pallets connected together by self lubricating link arms. Pallets are accurately moulded to maintain a correct relationship between segments when negotiating turns. This tread is designed to form a flat endless conveying surface supported by twin rows of silent plastic rollers. Overall conveying width is 1016 mm, curve radius is 914mm.
- Frame** Formed steel channel 152 mm deep. #304 stainless steel with #4 brush finish in public areas. Powder coated mild steel airside. Frame is so designed to fit over the top of the pallets to act as a baggage guard and finger protector.
- Centre platform** Constructed of fire treated plywood 19 mm thick, supported on structural angle frame, raised 150 mm above the conveying surface. Unless otherwise specified, the finished surface (carpet, tile, laminate etc.) will be furnished by other trades.



- Drive** Floor mounted under the conveying tread, consisting of two strands of precision roller chain with hardened pushers to engage a hardened abutment on the underside of each pallet. This drive mechanism is directly connected to an energy efficient 1.5 kw Eurodrive gearmotor.
- Kick plate Supports** Formed powder coated (black) sheet metal. Screw adjustable, centred a maximum of 1200 mm apart.

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[http://www.pacificconveyors.com/technical/manuals/BCS2000 Carousel.pdf](http://www.pacificconveyors.com/technical/manuals/BCS2000%20Carousel.pdf)

PACIFIC CONVEYORS LTD

BAGGAGE HANDLING SYSTEMS



MODEL 914SB TRANSIT CONVEYORS



LOADMASTER BAGGAGE CLAIM



DIVEST AND TRAY RETURN SYSTEMS



MODEL 650SB SCANNER FEEDER



SECURITY SHUTTERS - ROLLER SYSTEMS



MODEL 914SB CHECK IN CONVEYORS



INSTALLATION AND MAINTENANCE



DIRECTIONAL SORT TABLES

Serving Canada's travel and transport industries
coast to coast