



Belt Curve

Application

The Belt Curve is simple and robust by design and is generally used for product transportation and in some applications queuing.

Although the belt curve is designed specifically with the handling of airport baggage in mind, it is also well suited to handling of other products, such as, parcel handling, mail order, unit loads etc.

Belt Curve

The belt curves used by Daifuku Logan are supplied from a choice of leading belt curve manufacturers. The choice of which supplier is sometimes at the specific request of the client or if no preference is stated is left to selection by Daifuku Logan who propose the most technically suitable and cost effect product to meet the needs of the client.

Spiral Belt Curve

Belt curves can also be configured in a spiral format to allow change of elevation, either incline or decline through the curved section. This is a space efficient way of changing elevation in what is often a restrictive bag hall.

Features	Application Benefits
Curve Angles	30, 45, 60, 75, 90, 135 and 180 Degrees
Conveyor Speed	0.5, 0.6, 0.8, 1.0, 1.2 and 1.4m/s
Drive Powers	0.75, 1.1, 1.5 and 2.2kw
Nominal Belt Width	1000mm or 1200mm
Product Load	100kg/curve
Curve Type	Horizontal or Spiral Curves
Sidewall Height	400mm (preferred) 450mm or 500mm. All sidewalls are removable to facilitate belt replacement.
Choice of drive packs	SEW as standard, others available as non-standard
Head Pulley Drive	Shaft Mounted Gearbox for Drive reliability and ease of maintenance
Tapered End Pulleys	For Reduced gap to adjacent conveyor
External Bearings on Pulleys using single size of bearing	Maintenance friendly bearing replaced
High Bearing Life	Designed normally to L10 50,000 hr bearing life
Belt Type	Smooth top or rough top, Fire Retardant Belting to ISO 340
Underguarding	Sheet steel underguard
Finish	Painted mild steel frame. Painted, galvanised or stainless steel sidewalls.
Reinforced bed plates	Increases load capacity of conveyor
Quiet Running During Operation	Noise level typically around 70dBa, speed & location dependant



Other Products Within The Daifuku Logan Range of Equipment

Model No.	Product Description	Product Type
569	Flip Action Pusher	Sorting
571	Series III Queue & Belt Conveyors	Transportation
593	Parallel Pusher	Sorting
594	Cam Sorter	Sorting
595	Vertical Sortation Unit	Sorting
598	Gravity Roller	Transportation
599	Check-In Conveyor	Check-In
656A	Fast Acting Belt Plough	Sorting
684	Induction Conveyor	Transportation
687	Inclined Claim Conveyor	Claim or Make-Up (Cat drive)
787	Inclined Claim Conveyor	Claim or Make-Up (Friction drive)
688	Horizontal Claim Conveyor	Claim or Make-Up (Cat drive)
788	Horizontal Claim Conveyor	Claim or Make-Up (Friction drive)
700	Tilt Tray Sorter	Sorting
704	Induction Conveyor Line	Sorting
803	Queue & Transportation Conveyor	Transportation (US Market)
810	Stainless Inclined Claim Conveyor	Claim or Make-up
-	Telebag - Intelligent Destination Coded Vehicle	Transportation / Sorting
-	Weighscales	Check-In
-	Chutes and Glacis	Transportation / Accumulation
-	Power Belt Curves	Transportation
-	Platforms Walkways & Stairs	Structural