



TOBACCO ENGINEERING



BAND CONVEYOR

The LTL Group have broken the mould yet again with their new Band Conveyor design. A Stainless Steel troughed or flat slider bed construction, incorporating a centrally mounted underslung drive assembly, with integrated tension roller.

Standard Belt material is Ammeraal Peflex 2 Ply Polyester, with a Matt Profile Fabric, however we can incorporate any preferred manufacturer or specification required.

Head and Tail Rollers are fixed position 88mm diameter polypropylene on a stainless steel shaft with forward / reverse tracking rollers situated beneath, as required.

We incorporate a counter weight swivel scraper arrangement on head (and tail on reversing conveyors) rollers, to remove product from the band and direct it onto the following conveyor.

An additional scraper situated on the drive roller removes any stubborn product that may have migrated past the primary scraper(s).

Dust collection Chutes with draws and inspection windows are situated beneath the drive / tension roller position to collect and contain any product remaining on the band. This can be disposed of during normal cleaning operations.

Collection chutes with draws can also be positioned beneath the tracking roller(s), to collect and contain any product being liberated from the belt by the roller.

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The Trough section is constructed of in-line slats which allow any product gathering beneath the belt to fall directly onto the return side of the belt which is in turn removed by means of a plough scraper directly into the tracking roller draw at the tail end.

Polypropylene tyred rollers support the belt return on integral sealed bearings and a stainless steel shaft. Stainless steel undertrays are supported beneath the length of the conveyor via quick release clips to contain any product liberated from the belt by the return rollers. These are easily removable for maintenance and cleaning purposes.

The drive motor gearbox is an SEW Eurodrive unit, with quick release plug in terminal boxes, unless otherwise specified.

Any additional requirements or design modifications can be included as specified prior to manufacture.

The motor conforms to British Standard Specification, class 'B' insulation and is supplied via an IP65 totally insulated motor isolator, which is lockable in the off position.

The conveyor is supplied in natural stainless steel with an orbital-sanded 60-grit finish. Support pedestals / structures are primed and a one-colour topcoat applied. Inside guards and areas exposed when guarding is removed are painted poppy red.

