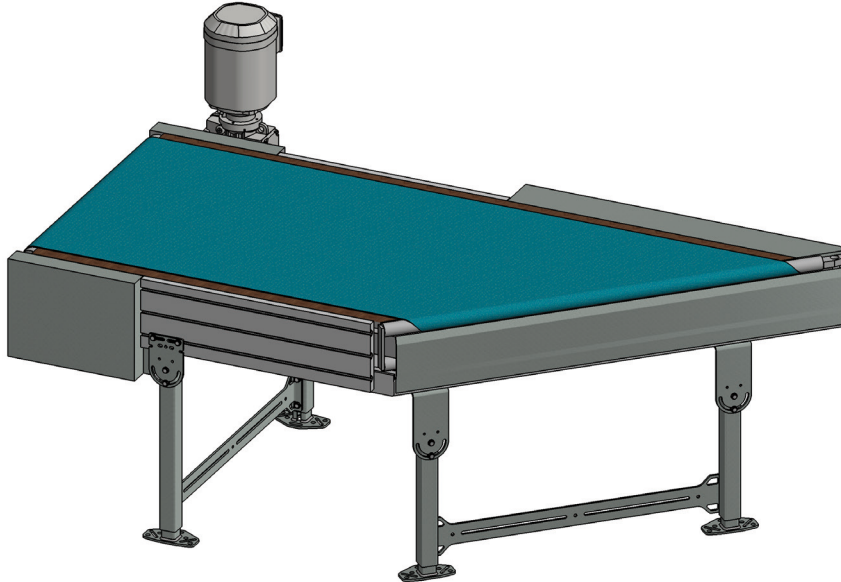


TS 6200 Angled Belt Conveyor

TECHNICAL DATA SHEET

transnorm
your best move



+ MERGE
+ DIVERT

The TRANSNORM TS 6200 FH is a belt conveyor with an angled terminal at one end allowing product to feed onto or discharge from a main line at 30° or 45°.

Using a single width belt and small diameter fixed-position terminal pulleys, it is possible to handle a wide variety of products. The conveyor is available in either merge or divert versions.

The main function of the TS 6200 is to connect sorting or collecting conveyors. This continuous development of the series, has optimized traction and reduced power consumption. The angled pulley is a non rotating 40 mm steel shaft fixed to the main frame. Both conveyor versions use the same frame geometry. The drive station is configured to suit the conveying direction. Belt tracking is controlled by a guide station which continuously adjusts the belt automatically.

The TS 6200 module is used at airports and distribution centres around the world – in many cases in 24/7 operations. Three thousand TS 6200 units are installed at the UPS Hub in Louisville, USA.

TECHNICAL ADVANTAGES

- Optimum power transmission for reliable operation and quiet running
- Specially coated pulley to suit the low friction coefficient belt
- Suitable for airport baggage
- Belts can be changed from above

FIELDS OF APPLICATION

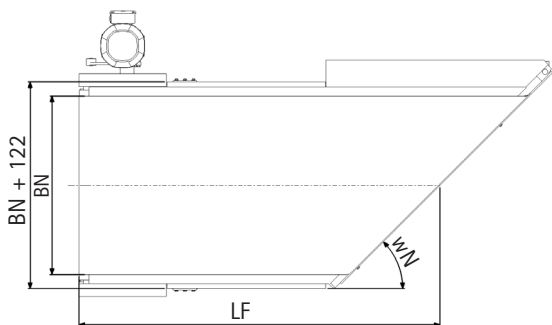
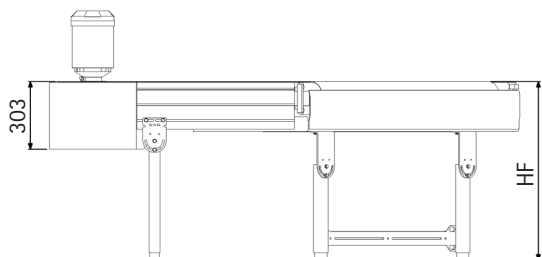
- Airport baggage conveyor systems
- Sorting and distribution systems for express delivery and parcel services
- Conveyor systems for boxes and containers
- Order picking and shipping systems

KEY PERFORMANCE DATA

- | | |
|------------------|---------------|
| ■ Conveyor speed | max. 2.0 m/s |
| ■ Weight load | max. 50 kg/m |
| ■ Conveyor angle | 30°, 45° |
| ■ Nominal width | max. 1,000 mm |

MAIN DIMENSIONS

Technical Design



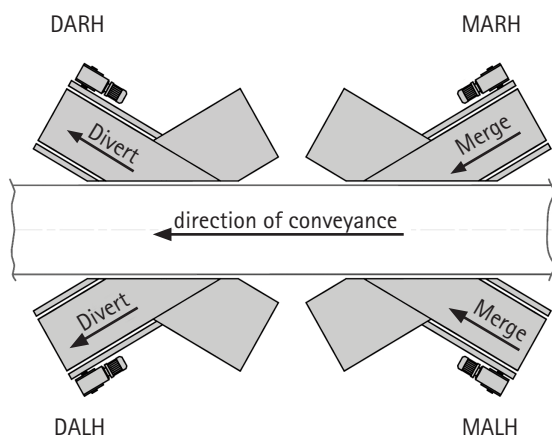
Technical Data

BN	Nominal width, max.	mm	1,000
wN	Nominal angle	°	30, 45
HF	Conveyor height, min	mm	300
DT	Drive pulley diameter	mm	160
DR	Tail pulley diameter	mm	65
DS	Angled pulley diameter	mm	40
QF	Load capacity, max.	kg/m	50
vF	Conveyor speed, max.	kg	2.0

Conveyor length minimum LF (mm)

BN (mm)	LF wN = 30°	LF wN = 45°
600	1,550	1,300
800	1,750	1,400
1,000	1,900	1,500

DESIGNS



- DARH: Divert right
- DALH: Divert left
- MARH: Merge right
- MALH: Merge left

www.transnorm.com