

# PRIMARY PACKAGING

## EDS Flexible distribution systems

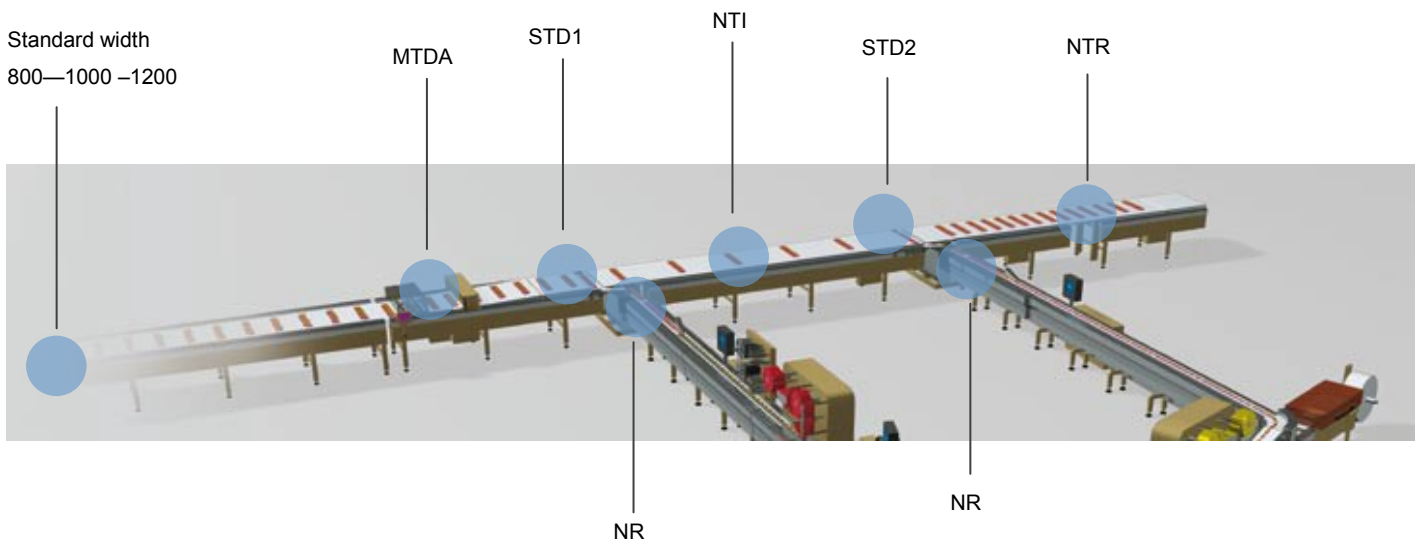


**Bespoke automatic feeding systems by rows and groups of rows (depending on speed and applications).**

- **Available in right-hand and left-hand versions**
- **Availability of different kinds of belts and pivoting station to support every requirements of customers (aligning and spacing the rows of products, re-calibrating the rows by compacting them, reestablishing the pitch among the rows, etc).**
- **Special version for handling fragile products (enrobed cake, sponge and soft cake, etc..) available.**

### STANDARD FEATURES

- **Servo-motor driven**
- **Automatic belt tracking system**
- **Fast belt tension released by pneumatic device**
- **Scraping device with collecting trays for crumbs or debris**
- **Electro-welded painted structure with floor levelling devices**
- **Transparent polycarbonate safety guard doors**
- **All parts in contact with the products are in stainless steel**
- **Easy conveyor belt replacement**
- **Extractable transverse conveyor option for easy cleaning operations**
- **Highly customized solutions for difficult products (cereal bars, small pralines, bite size enrobed wafers...)**
- **Different width available to suit customers' needs**
- **Easy integration of different types of buffers**



## OPTIONALS

- **NTA (Row acceleration belt with aligner):** Usually the first belt of the distribution system: placed after the customer's conveyor system is used to align and space the rows of products.
- **NCV (compacting side belts):** Used to re-calibrate the rows by compacting them.
- **NSR (Row re-pitching belt):** used to reestablish the pitch among the rows.
- **MTD Metal detector belt:** Whenever necessary a metal detector can be integrated across the line using one of these conveyors with a non-metallic section.
- **MTDA:** Whenever compactness is a must this conveyor can be used. It includes row accelerations, a row alignment paddle and a metal detector section.
- **STD0:** This is a pivoting station that captures the rows. The rows are deposited directly on the receiving conveyor and aligned by a pneumatic retractable contrast.
- **STD1:** This is a more advance pivoting section that has the capability of buffering one row on an intermediate conveyor belt. In addition to this, the receiving belt is supported by a servo-driven slide that tracks the discharge motion of the rows, avoiding any kind of misalignment.
- **NR Row receiving conveyor:** It is the conveyor where the STD stations discharge the rows.
- **NTPP ( Buffer conveyor):** It is placed at the end of the line and is used to buffer a few rows in case of downstream downtime. This belt does not do any re-feeding of the product, that has to be evacuated manually at the end.
- **NTR (Buffer re-feeding conveyor):** The function is the same as the NTPP, but it allows re-feeding via an STD2 station.
- **STD2:** This pivoting station is placed before either an NTR or a buffering section. The peculiarity of this station is the ability for the upper belts to run also backwards, so that it can receive products from both directions.
- **NTI:** This is a transport only section of conveyor, used to connect "far away" stations.

