

## BELT CONVEYORS RNT

### Belt conveyors for transport and feeding

#### MACHINE DESCRIPTION

Belt conveyors are devices used for handling and conveying bulky materials. These conveyors are very popular when it comes to convey inerts, large parts or boxes; they can be installed horizontally or inclined (**up to 30°**). **RNT** Belt conveyors are made with a fully enclosed frame to prevent release of dust or odour. The frame supports a double set of rollers on the convey and return side, each roller is fitted with ball bearings. The rollers support the PVC or Rubber belt depending on the application. The range of products includes:

1. Flat Belt conveyors **RNTP**.
2. 3-Roller set type of support **RNTT**.

All belt conveyors are made of the following parts:

- Frame.
- Belt - material: Rubber SIG EP400/3 5+2 CA - 3 Plies or PVC.
- Supports.
- Scraper.
- Flat rollers (RNTP).
- 3-Roller set-up rollers (RNTT).
- Rubber coated drive roller.
- Driven roller.



Belt conveyors are suitable for conveying the following products:

1. dewatered sludge.
2. screenings.
3. municipal solid waste.
4. scum and grease.
5. food by-products.

The main advantages are:

1. suitable to convey sticky or bulky materials.
2. simple and limited maintenance.
3. low power consumption.
4. possibility to install them up to 30°.

#### MAIN FEATURES BEL CONVEYORS RNT

RNT belt conveyors are offered in several configuration:

1. Standard execution in st. st. AISI 304/AISI 316 or painted mild steel.
2. Inlets and outlets having square, rectangular or inclined shape.
3. Drain pan made of st. st. AISI 304/AISI 316.
4. Belt made of rubber or PVC.
5. No mechanical parts in direct contact to conveyed product.
6. Entirely sealed unit for leakage and odour-free environments.
7. Possibility to use the conveyor as doser.
8. Possibility to install up to 45° inclination.



**n.b.:** the manufacturer may modify some dimensions or sizes without prior information