

Experience Results with Superior Conveyor Designs

For decades, our engineering staff has used its in-depth knowledge of the industry to continuously improve our conveyors. At Machinex, we are proud to be recognized by our peers as having one of the most reliable, and best designed, conveyor lines in the industry. All of our conveyors are built for quick installation, fast commissioning, and minimal maintenance.

Our experience and expertise provide instant results for the end user. We understand each customer's needs and design our conveyors with the features that are the most important to them. Machinex conveyors provide adaptable material handling solutions for every project. The result is a host of safety and maintenance features to ensure maximum performance.

Several models are available based on application.

Superior Conveyor Designs



Sorting Belt Conveyors

- ▶ Ergonomic design allowing sorters to easily handle material
- ▶ Totally enclosed sub-frame to improve employee protection
- ▶ Optional container return device



Transfer Conveyors

- ▶ Superior construction and design throughout full conveyor line
- ▶ Wide range of belts, pulleys, and support frame configurations based on application
- ▶ Thoughtful adjustability and maintenance access



Picking Idler Conveyors

- ▶ 30° side idlers to increase holding capacity
 - Recommended for carrying fines and abrasive particles, such as glass
- ▶ Box belt configuration available
 - Recommended for glass, aggregate, bulk and heavy items





Chain Roller Conveyors

Chain and wheel assembly supported on steel rail-type tracks.

- ▶ Choice of belts: Combination belt, Z-shaped or Apron pan
- ▶ Multiple chain pitches available
- ▶ Typical use: system and baler feed



Chain Belt Conveyors

- ▶ Compact and sealed frame
- ▶ Combination belt on replaceable impact shoes
- ▶ Recommended use: bunker conveyor, low tonnage baler & system feed, paper shredding, printer waste



Drag Chain Conveyors

- ▶ Leakproof, fully enclosed design
- ▶ Bolted paddles for easy replacement
- ▶ Typical use: RDF, SRF, Organics, other pre-sized material



Screw Conveyors

- ▶ Construction type: standard steel, anti-abrasive steel, or stainless steel
- ▶ Multiple chain pitches available
- ▶ Typical use: leveling, or conveying, several types of pre-sized material

STANDARD FEATURES

- ▶ Modular construction available in several configurations
- ▶ Custom engineered side panels/skirting
- ▶ Take-up system
- ▶ OSHA compliant

OPTIONS

GENERAL

- ▶ Various belting: width, thickness, cleats
- ▶ Electric variable speed drive
- ▶ Reversible

BELT CONVEYOR

- ▶ Pulley size range starting at 4"
- ▶ Self-tensioning belt scraper
- ▶ Solid bottom plate or carrying idlers
- ▶ Belt weight scale
- ▶ Self-cleaning tail pulley

CHAIN CONVEYOR

- ▶ Automatic chain lubrication
- ▶ Mechanical backstop