Telebelt® TB 110
Telescopic Belt Conveyor

Hopper Options Add Convenience
An integral part of the feed conveyor, the folding hopper makes setup a breeze. Side panels fold into the feed conveyor and end panels connect with end caps. The belt can then be easily fed with ready mix trucks from three sides. Additional hopper options are also available.

Placement Versatility
A Telebelt offers a quick way to easily maneuver around obstacles and place material exactly where you want it without the extra cost of all-wheel drive mixers, skid-steer loaders or other equipment.

A Cleaner, More Efficient Site
Telebelts do not require priming, and all material can be run off the belts eliminating waste. A highly efficient spring-tensioned carbide scraper system helps to keep job sites clean.

Conveyor Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Height</th>
<th>Width</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB 110</td>
<td>91’ 6” (27.91m)</td>
<td>30’ 2” (9.17m)</td>
<td>10’ 4” (3.15m)</td>
<td>61,803 lbs (28,034kg)</td>
</tr>
</tbody>
</table>

+ All specifications apply to units mounted on Mack MRU 613.
+ Maximum theoretical values listed.
+ Observed capacity and full water.
+ * Truck dimensions will vary with different truck makes, models and specifications.
+ + All specifications apply to units mounted on Mack Mru 413.

Mass concrete placement:
- Places material from sand to 4” (100mm) rock
- Smooth, surge-free conveying results
- Sets up under low 15’ 9” (4.80m) heights
- 100’ 6” (30.65m) horizontal reach

General Specifications

- Steering angle: 20°
- Fuel tank capacity: 309 gal (1174L)
- Hydraulic oil tank capacity: 150 gal (568L)
- Water tank capacity: 200 gal (757L)
- Engine horsepower: 405 hp (302kW)
- Transmission: 3rd & feed conveyors
- Maximum theoretical volumetric capacity:
  - 10% over 104” (2,642mm) or horizontal reach
  - 7º Center Line Rotation
  - 16º Feed Conveyor

Outriggers

- Net reach beyond outriggers:
  - at 0°: 100’ 6” (30.65m)
  - at 30°: 106’ 1” (32.34m)
- Outrigger spread L – R — front: 30’ 3” (9.24m)
- Outrigger spread L – R — rear: 29’ 4” (8.94m)

Operation Zone for Conveyors

- Maximum at 30°:
  - Feed conveyor:
    - Length: 38’ (11.60m)
    - Belt width: 18” (457mm)
  - Main conveyor:
    - Length: 68’ 2” (20.79m)
    - Belt width: 18” (457mm)

- Maximum at 0°:
  - Feed conveyor:
    - Length: 100’ 6” (30.65m)
    - Belt width: 18” (457mm)
  - Main conveyor:
    - Length: 91’ 6” (27.91m)
    - Belt width: 18” (457mm)

- Maximum at 30°:
  - Feed conveyor:
    - Length: 106’ 1” (32.34m)
    - Belt width: 18” (457mm)
  - Main conveyor:
    - Length: 104’ (31.75m)
    - Belt width: 18” (457mm)

- Maximum at 0°:
  - Feed conveyor:
    - Length: 100’ 6” (30.65m)
    - Belt width: 18” (457mm)
  - Main conveyor:
    - Length: 91’ 6” (27.91m)
    - Belt width: 18” (457mm)

- Maximum theoretical volumetric capacity:
  - + All specifications apply to units mounted on Mack MRU 613.
  - + Truck dimensions will vary with different truck makes, models and specifications.
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Telescopic Belt Conveyor Standard Features

**Boom Control & Operation**
- Man conveyor functions controlled by Mobile Boom Control (MBC) system
- Single-section maintenance without interrupting entire assembly
- Ergonomics and lightweight standard proprietary radio remote control
- Independent belt speed control for main and feed conveyors
- 100% (200mm) proportional cable remote included
- Manual control backup for all functions

**Main Conveyor**
- 18” (457mm) 5-ply nylon cord vulcanized spliced belt
- Maximum rated capacity of 8 cubic yards per minute (4.02m³/min)
- Variable variable belt speed control from 5% to 100%
- Spring tensioned carbide scraper system
- Active independent control of feed and main conveyor systems

**Trunk/End Hose**
- Standard 8” (200mm) and 12” (305mm) truss reducers – each with 15’ (4.57m) hoses and chain binder

**Material Handling**
- Handles the heaviest concrete mix designs at any slump
- No special mix requirements
- Places any type of flowable material

**Power**
- Driven by two full horsepower rated air shift rear PTOS from the Mack ERF 460 hp (342kW) engine
- Low engine RPM and 155 hp (112kW) for reduced fuel costs

**Boom Control & Operation**
- Quick and easy setup in congested areas
- Compact footprint
- Sets up on solid or rough terrain
- Unique butterfly design outriggers manually swing out and hydraulically extend up or down

**Clean Out**
- Requires only water to clean
- High pressure 2,500 psi (17.3 bar) hydraulically-driven pressure washer system
- Large capacity 200 gal (757L), water tank

**Additional Standard Features**
- Aluminum diamond plate deck
- Large side-mounted aluminum toolbox
- High quality paint finish
- Operators manuals and shop-keeper kit
- Air-activated pusher axle
- Custom paint schemes

**5-Year Warranty**
- Putzmeister’s belt conveyors are warranted for a period of 5 years with a maximum coverage of 36 months or 6,600 hours at no extra charge.

Ideal for countless applications worldwide, including:
- **Concrete**
  - Mat Pours
  - Footings
  - Bridge Decks
- **Gravel**
  - Sand
  - Stone
  - Wood
- **Pervious Concrete**
- **Roller-Compact Concrete**
- **Environmental Projects**
- **Landscaping**
- **Slope Paving**
- **Dams**
- **Tilt-Up Panels**
- **Wind Farms**
- **Foundations/Footings**

Telebelts Extend Your Material Placement Needs Worldwide

As the world’s only manufacturer of truck-mounted telescopic belt conveyors, Putzmeister’s Telebelts set the standard in versatility and convenience. From commercial and residential projects, to wind farms, dams, caissons and landfill lining, a Telebelt’s placement possibilities are endless. Telebelts allow you to diversify your business and increase job opportunities.

In addition to the United States, Telebelts have been utilized on projects around the world, including: Australia, Brazil, Canada, Chile, China, England, Ethiopia, Germany, India, Italy, Japan, Korea, Laos, Mexico, Myanmar, New Zealand, Oman, Philippines, Portugal, Russia, Saudi Arabia, Spain, Switzerland, Turkey and Ukraine.

Telebelt outliers are designed with quick setup in mind. A variety of outrigger styles offer a compact footprint, as well as quick and simple setup in congested areas and on solid or rough terrain.

Concrete is just one of many materials that can be efficiently and economically placed with a Telebelt. These machines keep ready mix trucks safely at the curb and help complete pours faster. Conveying also allows for reduced cement and water content, which yields a stronger, more cost-effective mix.

In addition, Telebelts are ideal for handling special materials required for unique applications that are unattainable for other equipment.