Stationary, Radial Stacking and Wet Belt Conveyors

Manufacturing Conveyors For Over 50 Years For The Concrete Industry

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Stationary Conveyors

General Specifications:
- Each 36” deep truss stationary conveyor is heavy duty and constructed of 3” x 3” chord angles
- Includes 35 degree troughing idlers located on 4’-6” centers
- Return rollers located at 10’ centers (Idlers have sealed -for-life bearings)
- Vulcanized rubber lagged head pulley
- Wing type self-cleaning tail pulley mounted on ball bearing pillow blocks with adjustable screw take-ups
- Tail pulley guard
- 2-ply polyester cord belting with 1/8” x 1/16” covers
- Flexco belt splice, wind loops, and cold rolled steel head and tail shafts
- Belt drive components consist of a head end mounted TEFC electric (460V/3PH/60HZ) motor, enclosed torque arm speed reducer (shaft mounted) and positive acting backstop to prevent roll back
- Conveyors over 100’ will have a gravity take-up assembly and weight box

Optional Equipment
- 10’ x 6’ (5 yd.) Loader Hopper: Includes structural supports and manual sliding gate to control materials. Hopper constructed of 1/4” steel plate
- 10’ x 10’ (7 yd.) Loader Hopper
- 12’ x 12’ (11 yd.) Loader Hopper
- Catwalk (one side): Grip strut flooring w/toe boards, handrails, and emergency pull-cord safety switch
- Discharge hood: 3/16” plate with 1/4” wear plate to divert material down, comes in 24”, 30”, 36” and 48”
- Drip Pan: 10 gauge plate with 2” x 2” angle sides 10’ section, comes in 24”, 30”, 36” and 48”
- Belt scraper: Mechanical belt wiper to mount at head pulley, comes in 24”, 30”, 36”, and 48”
- Top belt covers: Rolled steel cover and hoops hinged to fit over belt
- Wind loops: 1/2” diameter rod loop to mount on troughers
- Flip/flop material diverter: (2 positions) Includes air cylinder, air control valve, and 1/4” AR liner plate. No air piping, comes front to rear or side to side
- Turnhead electric: Includes motor starter and control panel
- 230V/3PH/60HZ voltage and other voltages available—consult factory
- 3-ply belt
Radial Stacking Conveyors

Heavy Duty 36” Deep Truss Design Stackers

Basic Unit Standard Components:
- Each 36” deep truss radial stacking conveyor is heavy duty and constructed of 3” x 3” chord angles.
- Includes 35 degree troughing idlers located on 4’-6” centers
- Return rollers located at 10’ centers (Idlers have sealed -for-life bearings)
- Vulcanized rubber lagged head pulley
- Wing type self-cleaning tail pulley mounted on ball bearing pillow blocks with adjustable screw take-ups
- Tail pulley guard
- 2-ply polyester cord belting with 1/8” x 1/16” covers
- Flexco belt splice, wind loops, and cold rolled steel head and tail shafts
- Belt drive components consist of a head end mounted TEFC electric (460V/3PH/60HZ) motor, enclosed torque arm speed reducer (shaft mounted) and positive acting backstop to prevent roll back
- Dual 11.00 x 22.5 tires are used on conveyors 80’ and longer

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Approx. FPM</th>
<th>Approx. TPH</th>
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<tbody>
<tr>
<td>24”</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>30”</td>
<td>300</td>
<td>480</td>
</tr>
<tr>
<td>36”</td>
<td>300</td>
<td>700</td>
</tr>
<tr>
<td>48”</td>
<td>Consult</td>
<td>Consult</td>
</tr>
</tbody>
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For greater tons per hour consult factory.

Radial Stacker Options

Optional Loader Hoppers Integrally Mounted:
- 10’ x 10’ (7 Yd.), or 12’ x 12’ (11 Yd.)

Options:
- Air brakes for portable operations
- Pre-wiring with controls, motor starters, and main disconnect in NEMA enclosure
- Walkway supports, handrail and decking
- Radio remote control
- Belt covers

All stackers include wind loops

Radial Stacking Conveyors up to 75’ in length can be portable with airbrake option.
Wet Belt

- A 48” x 50’ deep angle chord truss design belt conveyor (600 fpm) for transferring wet concrete from mixer to transit mix truck.
- Includes 50 hp belt-drive motor, reducer with back stop, v-belt guard, vulcanized rubber lagged head pulley.
- Wing type self-cleaning tail pulley mounted on adjustable screw take-up bearings with tail pulley guard.
- Belt wiper, 48” deep troughing CEMA C idlers with sealed for life bearings.
- 48” x 2-ply high impact polyester cord belting, Flexco belt splice (Optional 3-ply and vulcanized belting).
- Discharge hood to charge transit mixers, mixer charging hopper or skirtboard assembly.
- Single axle assembly with dual 11.00 x 22.5 tires, air brakes, running lights, and standard 5th wheel/king pin assembly.
- Also includes electrical wiring with controls and motor starters in junction box mounted on the side of the conveyor.

Uses include: transfer slipform, paving concrete or rcc into dump truck. Also used for regular concrete into ready mix trucks.

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