



THE INNOVATOR OF BATCH PLANT EXCELLENCE

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

Belt Width	Approx. FPM	Approx. TPH
24"	300	300
30"	300	480
36"	300	700
48"	Consult Factory	Consult Factory

For greater tons per hour consult factory.

A	B	C	D
60'	56'- 0"	31'- 0"	23'- 1"
65'	60'- 9"	31'- 0"	24'-10"
70'	65'- 5"	42'-11"	26'- 6"
75'	70'- 2"	42'-11"	28'- 3"
80'	74'-10"	41'- 9"	29'-11"
85'	79'- 7"	41'- 9"	31'-8"

This information is for the Radial Stacking Conveyors only. For larger sizes consult the factory.

Standard Equipment:

- **Side Travel:** Side travel drive components consist of an electric motor with reducer and chain drive to wheel.
- **Loader Hoppers:** Front end loader hoppers are built onto each stacker. All truss stackers have a 5 yard capacity (10' x 6') loader hopper. See options for larger hoppers.
- **Starter Panel - Controls:** Stackers purchased with a starter panel and controls, (460V/3PH/60HZ) are self-propelled radially, which allows stock-piling or loading bins for more than 270 degrees without the loader operator leaving their seat. This is accomplished by having all controls located at the charging hopper. Wiring is S.O. rubber cord.
- **Shipping:** Stackers will be shipped knocked down and are to be assembled by the customer.
- **Paint:** Stackers are primed with one coat of epoxy primer and one finish coat of urethane paint in standard Hagan colors of yellow, tan, white or gray.

Radial Stacker Options

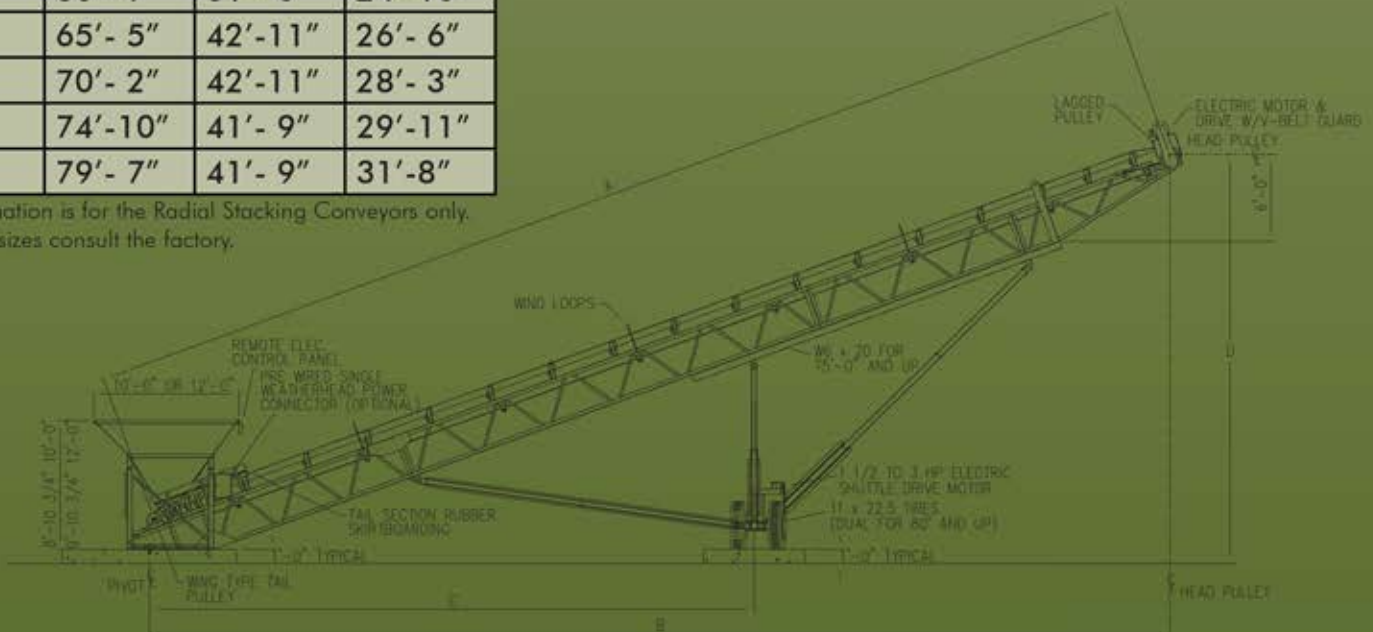
OPTIONAL LOADER HOPPERS INTEGRALLY MOUNTED:
10' x 10' (7 YD.), OR 12' x 12' (11 YD.)

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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