



# TBC Series Troughing Belt Conveyors

From *Recycling Equipment Manufacturing, Inc.*



Optional Radial Stacking Drive

Optional hopper styles available



REM® offers a series of troughed belt conveyor for the high volume transfer of a variety of materials. The TBC series represents an outstanding value with quality construction and low maintenance feature.

## **DEPENDABLE PERFORMANCE**

All equipment built by REM Inc. is designed using the most advanced 3-D solid modeling CAD software available for engineering today. Being able to pre-fit all your parts in the engineering phase allows our design team to correct clearance and design issues before the machine goes into production. This will ensure superior construction and dependable performance for many years to come. Please ask our design team for help with all your conveyor applications

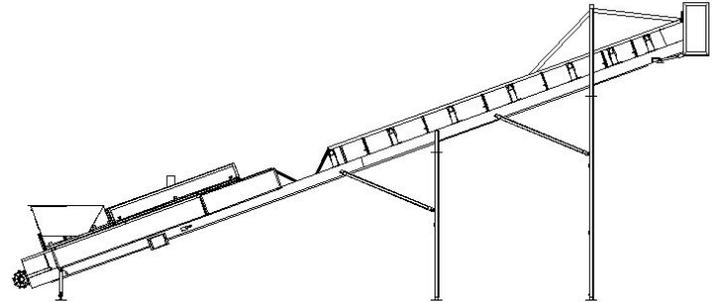
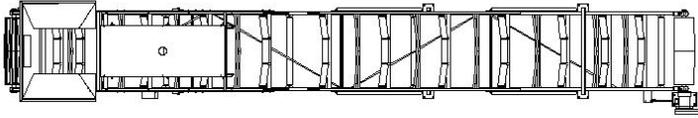
## **VERSATILITY**

REM's® flexibility lets you make the decision on the machine that will fit your needs. Whether the product is sand, wood chips, shredded aluminum, or rubber crumb the TBC series gives the performance, versatility and the value you deserve. To put our TBC Series to work for you, call **1-800-745-4736**.



# TBC Troughing Belt Conveyor

A Leader in Recycling Equipment Since 1978



## **Features:**

- Protected screw takeup assembly
- 12" diameter herringbone lagged head pulley
- 12" diameter winged self cleaning tail pulley
- Designed for low-maintenance and easy service
- 20°, 35° & 45° rollers depending on design and capacity
- CEMA B, CEMA C or CEMA D steel troughed rollers
- CEMA rollers in 4", 5" or 6" diameter
- Steel return idlers
- 2 ply 220 or 3 ply 330 rubber belt
- Safety screens up to 7' high
- Structural channel trough bed frame construction
- Motor speed-reducer and chain-drive conveyor
- TEFC motor and drive package engineered to each specific conveyor
- Electrical components are UL listed
- Belt speeds 100 FPM to 300 FPM

## **Electrical Options:**

- 110 volt, single phase
- 240 volt, single phase
- 208, 380, 415, 480, or 575 volt, three phase
- NEMA-3R (outdoor) enclosure
- Manual start switch
- Individual motor overload/short circuit protection
- Variable Speed drive
- E-Stop cable pulls
- Stainless steel enclosure

## **Conveyor Options:**

- Troughed belt training rollers
- Return training idlers
- Troughed belt cushion idlers
- Return belt beater idlers
- Feed hoppers
- Structural steel supports
- Return pans
- Custom product diverter chutes
- Inclines up to 25 degrees
- Corrugated sidewall belting
- Custom skirt-boards
- Cross belt magnet
- Hydraulic drive package available
- Radial Stacker drive system
- If you don't see it, ask us!

## **LIMITED ONE YEAR WARRANTY**

\*All dimensions are nominal +/- 1"

\*Specifications subject to change without notice, without incurring responsibility to previous units sold

Recycling Equipment Manufacturing, Inc.

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Sales and Service

