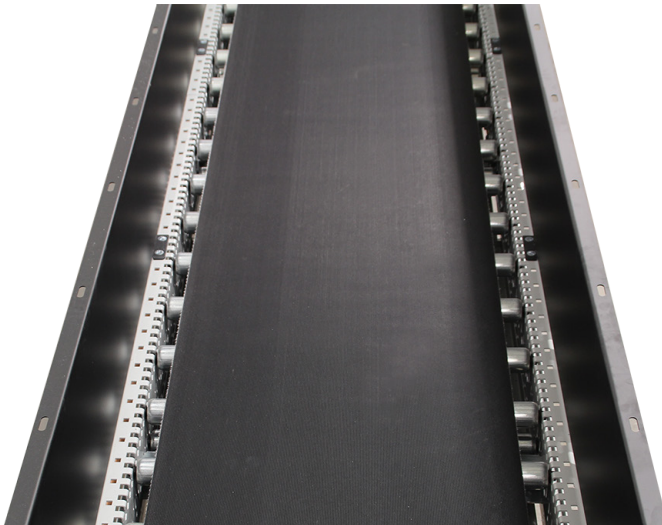


CBC Belt Conveyor Model RB Roller Bed



All of the advantages and benefits that make a big difference in durability and performance are built into each facet of Automotion's pre-engineered conveyor components.

Automotion's CSC Model RB Roller Bed Belt Conveyor make it easy to transport a wide variety in shapes and sizes, up to 100 pounds per foot, to specified destination points in level surface applications as well as in incline and decline applications. Automotion's Roller Bed Belt Conveyors are well supported units that are stable, quiet running, versatile and economical. These units feature extra-strength, non-exposed axle design, a variety of drives and take-up options, built-in box channel design for safety and appearance, and are available in multiple widths to meet your requirements. Automotion's Roller Bed Belt Conveyors use C-Faced motors which provide adjustability and variability via reducers to meet speed requirements. All mechanical operations run smoothly and quietly.



Mechanical Characteristics

Bed Section

6" Deep x 10 Gauge CSC frame in 6" increments between 12" and 144".
Shop-cut lengths available.
AGL side covers.

Galvanized Carrying and Belt Return Rollers

1-7/8" D, 16 Gauge, carrying rollers with 7/16" hex axle.
ABEC1 high speed bearings.
Return rollers on nominal 6' centers.

Drives

6", 8", or 10" Center Drives
and 8" End Drives.

Lagged pulley with automatic
spring take-up.

3/4 HP to 5HP

Speed range is 60-320 FPM.

Chain drive or direct drive
available.

Terminal End

2 1/4" or 4" diameter pulley.

Belting

Polyester (PET) fabric impregnated with PVC..

Axle Isolators

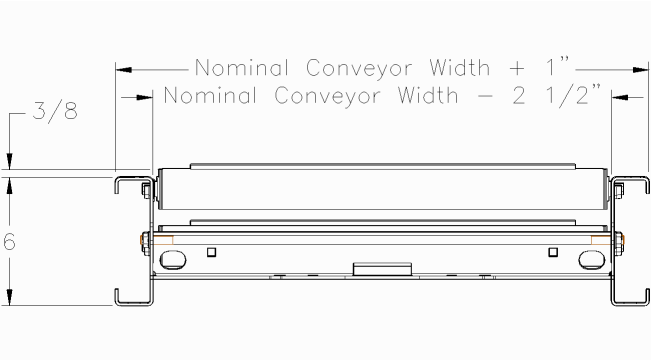
Specially designed conductive plastic insert isolates return roller axles from the conveyor frame to reduce noise and prevent wear.

Finish

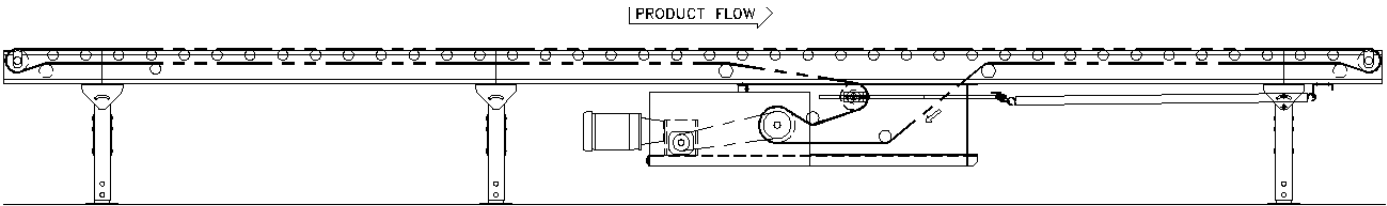
Light gray powder coat paint.
Black side cover.

Technical Details

Section View



Elevation View



Specifications

Typical Applications

- Transportation
- Elevation Changes
- Trash Conveyor
- Pick Belts

Live Load Capacity

Up to 130 lbs/ft. depending on width, roller centers, supports, etc.

Nominal Widths

18", 24", 30", 36", 42" and 48"

Standard Belt Widths

Nominal width less 8"

Carrying Roller Centers

6" and 9"

Standard Features

Pulley guards and covers.
Floor support and ceiling hangers.
Bolt-on top guard rail 3", 6", and 12" high. Powdercoat paint color flat black.
Guard rail system provides nominal width between guard rails.

Options

- Impact bed section
- Trash bed section
- Horizontal or vertical take-up
- Chain drive or direct drive
- Bottom Covers
- Five standard optional paint colors. Special colors available.