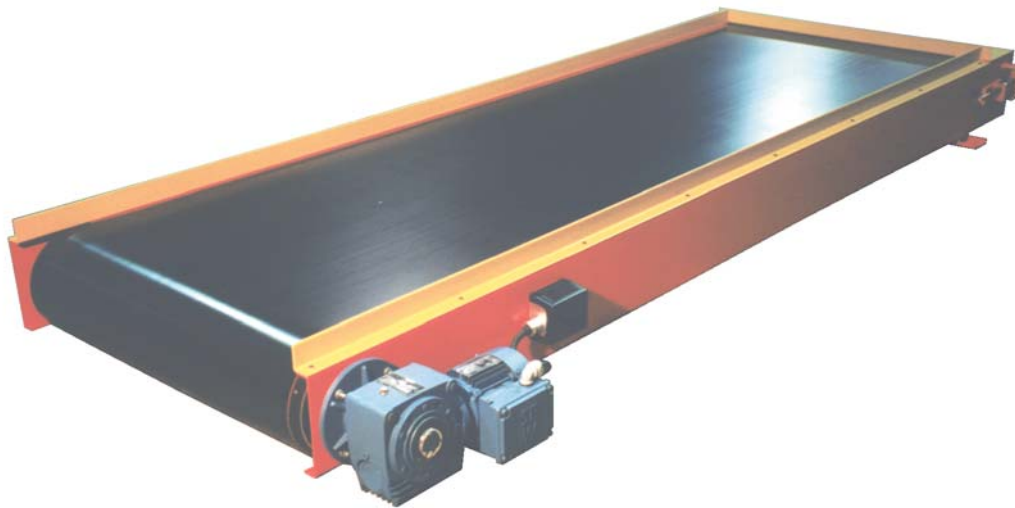


Slider Bed Conveyor (CBS) Belt Over Roller Conveyor (CBR)

CONVEYOR



Belt top conveyors are provided with a slider bed support or with a roller bed support.

PRODUCT DESCRIPTION

The Slider Bed Conveyor (CBS) and Belt over Roller Conveyor (CBR) are two belt top conveyors that often satisfy special material handling needs. Both devices are characterized by the direct contact between the load or product to be conveyed, and the conveyor belt itself. Typically, these conveyors include a single belt that is nearly the width of the conveyor and driven by a head pulley at the downstream end of the conveyor.

The CBS includes a flat plate or sheet that spans the width of the conveyor, over which the conveyor belt slides as it is pulled along by the head pulley. Typically a guide or rail is mounted on the sides to help contain the load or material being transported.

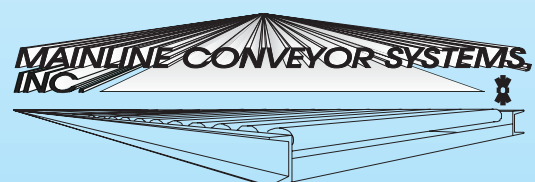
The CBR includes a set of nonpowered rollers that span the space between the side frames of the conveyor. The conveyor belt is supported by these rollers as it is pulled the length of the conveyor. Depending on the application, guides may also be used with these conveyors.

APPLICATION

Slider bed conveyors are typically used more for bulk type loads such as scrap conveyors that collect waste material at the end of a die cutter or other process machine. The slider bed conveyor with side rails can keep the scrap material on the conveyor without allowing material to fall through. The belt over roller conveyor is often used without side rails as a means of transporting unit loads in areas where pedestrian traffic is a consideration or manual load dressing must occur while the load is on the conveyor.

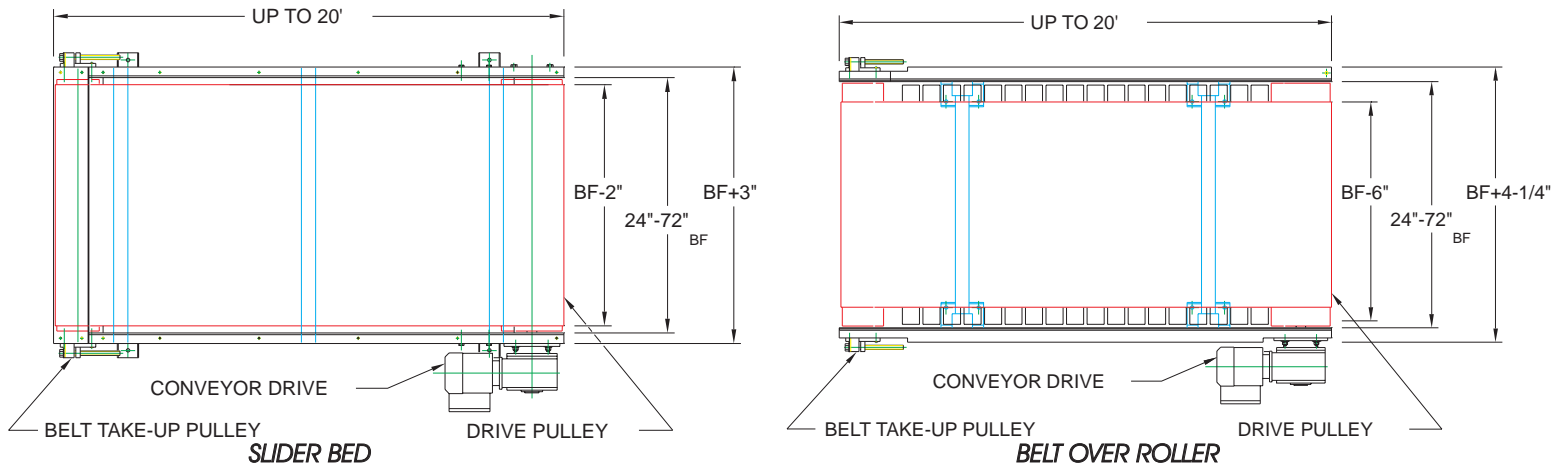
FEATURES

- TOB's below 12" available.
- Direct belt contact with the load insures positive drive.
- Belt surface provides flat, nonslip surface for operators working around unit loads.
- Belt width provides full coverage of conveyor.
- Shaft mounted drive simplifies power transmission to the drive pulley.
- Self contained preassembled construction simplifies installation.
- Unitized frame weldments provide structural rigidity.



SLIDER BED CONVEYOR (CBS) BELT OVER ROLLER CONVEYOR (CBR)

Dimensions (Ins.)



GENERAL SPECIFICATIONS

Nominal Conveyor Width	24" through 72" (bf) (6" increments)
Conveyor Length	Up to 20'-0"
Height	CBS, 9" TOB Standard; CBR, 12" TOB standard; Other heights upon request
Drive Capacity	2,500 lbs.*
Conveyor Speed	40, 60 FPM (other speeds upon request)

POWER REQUIREMENTS

Electrical Supply; Amperage	230-460V/3ph/60hz; 1.85 Amps(460V) @ full load
Drive Gearmotor	1 HP @ 40 or 60 FPM

CONSTRUCTION

Slider Bed Conveyor frame	Standard Integral weldment includes: Sideframe: 8" formed channel Tie braces (cross supports): Structural angle Legs: Structural tubing floor supports span conveyor width
Belt Pulleys	6" or 8" crowned steel pulleys
Belt support	10ga. steel full width slider bed
Roller Bed Conveyor frame	Standard Integral weldment (lift out rollers), includes: Sideframe: C5x6.7# structural steel channel, with formed flat shaft supports Tie braces (cross supports): 4 x 2 x 1/8" rectangular tubing at max 4'-0" centers. Legs: Formed Flat, 3/16" thick x 6" width, 2 per tie brace
Belt Pulleys	8" crowned steel pulleys
Belt Support	Standard lift-out style rollers mounted in frame on 3" centers

CONTROL OPTIONS *

Manual Operation	Pushbutton operator-actuated
Automatic Operation	Combines with load detecting sensors and control logic to position and advance loads.
PC Controls	Pushbutton controls are included with automatic controls as application dictates.

* Contact Mainline Conveyor Systems, Inc. for additional control or capacity information.



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