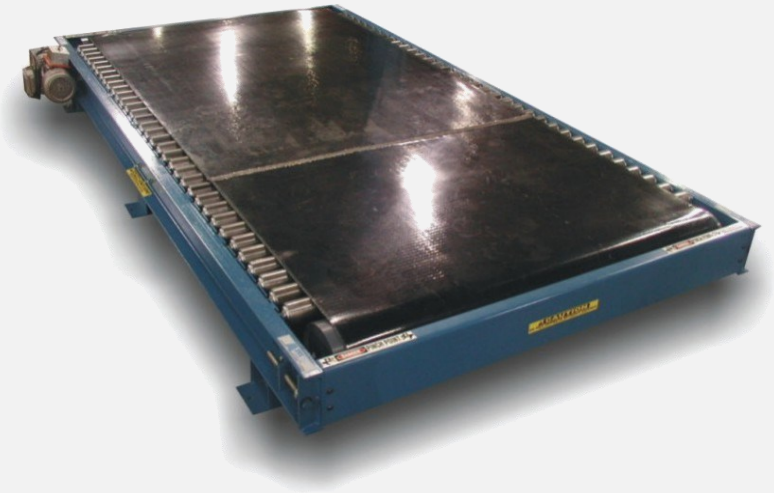
SYSTEC
An Alliance Company



BELT-OVER-ROLLER CONVEYOR

Systec's Belt-Over-Roller (BOR) conveyor is an independent conveyor line. A BOR conveyor has several applications within a box plant. Typical applications for a BOR conveyor could include; a die-cut stacker for indexing loads discharged, or prior to the strapping or banding operation. At these locations, operators can walk on the conveyor's smooth, solid surface. This surface, unlike the roller conveyors, gives the operators' a stable surface to stand on while working on the load preparation or dressing.

With this conveyor, the concern of an accident is dramatically diminished. Another application for Systec's BOR is any area within the material handling system that requires loads to be inclined or declined. The smooth, positive drive, solid surface allows loads to be conveyed up or down grades that normal roller conveyor will not allow. Systec's BOR is a very reliable and durable conveyor solution.

OVERALL CONSTRUCTION

Systec's BOR features all - welded steel frame construction. Heavy gauge steel drums with taper lock shafts give durability and long life to the device. The cover-by-cover PVC coated, nylon woven lasts for a very long time.

ADJUSTABILITY

Systec's BOR has a very simple method of adjustment for belt tracking. Once set, it virtually never requires further adjustment again.

DRIVE PACKAGE

Systec's BOR drive assembly is a hollow shaft drive, direct connection to the drive drum. 100% Maintenance free.

BELT-OVER-ROLLER CONVEYOR

SPECIFICATIONS

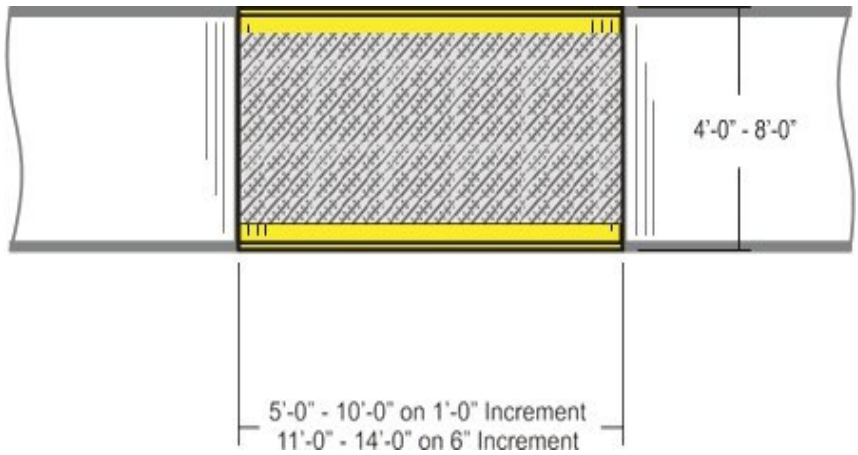
Between Frame Dimensions	48”, 60”, 72”, 84”, 96”
Lengths	5’ - 10’ on 1’ increments, 11’ - 14’ on 6“ increments
Top-of-Roller Height	12” T.O.R. (heights over 12” available)
Weight Capacity	3,500 lb/unit
Conveyor Speeds	45 or 60 FPM
Gearmotor Rating	1.0 HP flange mounted hollow bone

CONSTRUCTION

Frame	All-welded steel construction. Guarding for moving parts.
Drive and Takeup Drum	Heavy gauge steel with taper lock bushings
Drive Coupling	Hollow bore drive with direct to drum drive
Belting	Cover-by-cover PVC, nylon woven belting. Solid surface belting provides an operator stable load surface.

CONTROL OPTIONS

Automatic	Positioning controls with electro-mechanical sensor Actuation
Manual	Pushbutton operation



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