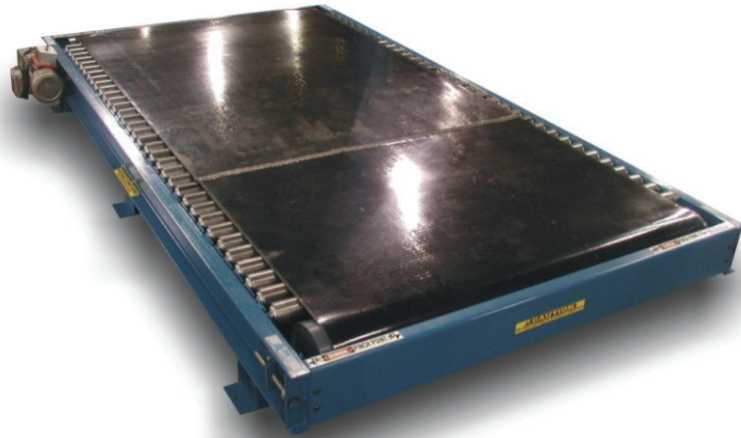




# Belt-Over-Roller Conveyor



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.

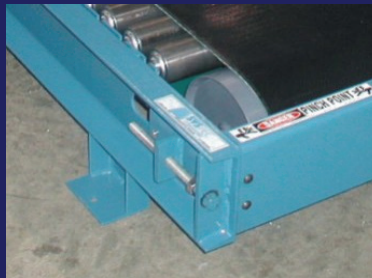
Although the BOR is simple in design and operation, the heavy gauge drums, belting, and components ensure long life of this product. The BOR, like all fine Systec Conveyor products, is an all-welded, steel frame construction, using precision laser cut parts for exact fit and function. This is a very low maintenance device applying the most advanced safety designs and features.



## 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 belt is extremely tough and lasts for a very long time.



## ADJUSTABILITY

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



## ENHANCED SAFETY

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

## SPECIFICATIONS

Between Frame Division	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)
Drive 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
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

## SAFETY FEATURES

Frame	Guarding on all moving parts
Near Full Width Belt	Solid surface belting allows operator stable load surface

## CONTROL OPTIONS

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

