

# Automated Conveyor Systems for the Bedding Industry



**Designed For Integration**

**Constructed For Efficiency**

**Created For Your Needs**



Syd-Ren Industries, a member of the **Global Systems Group**, a division of **Leggett & Platt, Incorporated**, is a part of a unified source for the worldwide bedding industry. If your goal is to increase efficiency, to improve ergonomics, to provide a safer working environment, and to automate or modernize, our line of conveyors and systems will provide unrivaled mattress handling solutions. Syd-Ren's conveyor rollers are heavy-duty in construction, feature a durable surface finish, and have been redesigned to reduce noise, offering a quieter work environment.



**GLOBAL SYSTEMS GROUP®**

A DIVISION OF *Leggett & Platt*





## Trough Bed Belt Conveyor (TBBC)

Designed to keep material clean and work areas clear. A diverse, effective addition to any conveyor system. Used in the sewing area and to transport material from panel cutters.



## Incline Trough Bed Belt Conveyor (ITBBC)

A Trough Bed Belt Conveyor accessory that transports and elevates the product to an ergonomically safe table height or loads product onto transport carts.



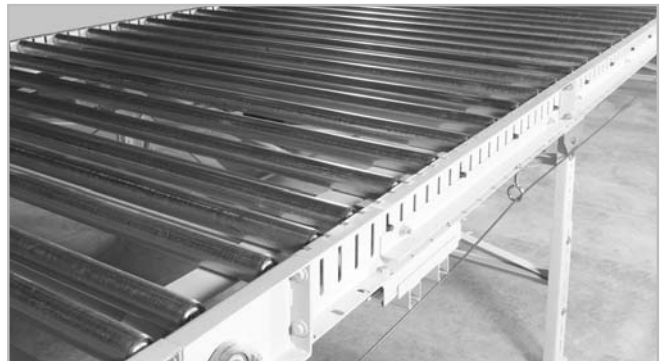
## Line Shaft Conveyor (LSC)

Systems up to 84" wide. Designed to move finished product to inspection and wrapping areas. Special powder coated, non-marking white rollers transports your product with no chance of contamination. Also used extensively when a 90° powered pop-up transfer is required.



## Belt Driven Powered Live Roller (PLR)

Provides continuous product flow, indexing, or accumulation. Can be easily loaded and unloaded from either side.





## Roller Bed Belt Conveyor (RBBC)

Provides transportation, transferring, incline/decline of mattress or boxsprings utilizing multiple belt configurations.



## Zero Pressure Line Roller (ZPLR)

The conveyor is divided into accumulation zones. Each zone is powered from a flat drive belt running the entire length of the conveyor. The drive belt is pneumatically raised to the tread rollers, causing product in that zone to move. Electronically controlled light beams sense product presence and control the accumulation process. The ZPLR is a key component for operating a flat loop system and is an effective way to move foam encased products efficiently.



## Powered Pop-up Transfer (AOPUT)

Pneumatic cylinders elevate this transfer so product can be moved in a 90° direction - either loading or unloading. Powered non-marking belts efficiently move your product on or off powered conveyors.



## Flat Loop System

The Flat Loop System is designed to move all types of mattresses, including standard inner-spring, latex, foam encased, and pocketed-coil. The system maintains a consistent flow of goods onto and out of the loop by utilizing "belt-driven" and zoned conveyors with pneumatic lift transfer sections. The purpose of the FLS is to stage mattresses between the build-up operations and the tape edge operation.

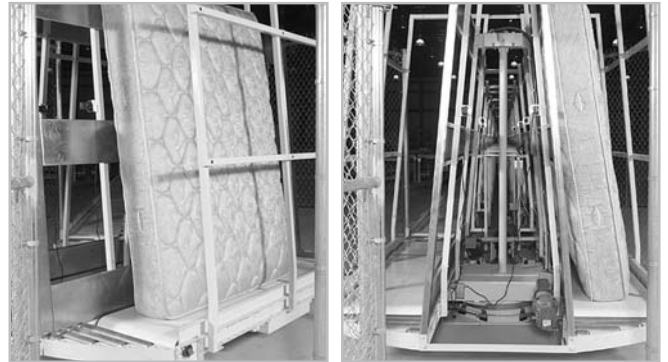
## On-Edge Belt Conveyor (OEBC)

Utilizes narrow spaces and/or areas along walls - effectively freeing up valuable floor space. When used as part of a loop system with rotary transfer and electrical panel, on-edge belt conveyors provide a continuous product flow from buildup to closing.



## Loop Carousel System (Rotary)

An integral part of the revolutionary loop conveyor system. Two-sided, on-edge conveyor features a rotary transfer carousel at each end of the system. This design enables the system to provide a continuous product flow from buildup to closing.



## Knock Down Device & Upender

Tilts mattress or boxspring from a vertical position on the On-Edge conveyor system to a horizontal conveyor system.

Designed to raise and position a mattress from a horizontal to a vertical position so it can be transported via the On-Edge conveyors - the key to obtaining maximum results from the Tapemaster® system.



## Inspection Station (INSPECTOR)

After the first side of the mattress is inspected and easily flipped by the operator, the in-line inspection station automatically raises the mattress into position for inspection of the other side. One operator can inspect the thickest and heaviest mattresses with ease. This revolutionary method of inspecting mattress and boxspring units dramatically increases productivity and efficiency.





# Electrical Control Systems /



## Electrical System Panel

A custom designed electrical package seamlessly ties all conveyor system components together.



## Mattress Flipper (MF)

The Mattress Flipper allows an operator to safely and easily flip a mattress. Assists operator in flipping today's large mattresses at the tape edge or hog ring work stations. Manual flipper can be fitted with a pneumatic lift for height adjustment. Heavy steel frame with coated rollers.



## Rolled Foam Dispenser (RFD)

This system automatically rotates and dispenses rolled foam through a simple process, first in, first out (FIFO). The material handler loads the foam with a fork truck and dispenses the foam by pushing down the lever attached to an escapement mechanism, which allows one roll at a time to dispense.



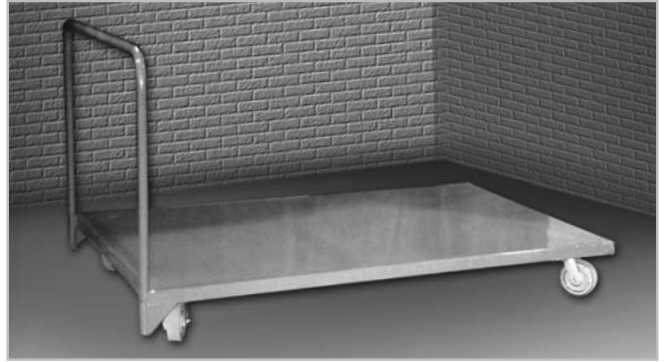
## Swivel Build-Up Tables

Tables are available in either solid or drop leaf and with or without an adjustable height base. Sizes are 60" x 80" and the drop leaf design is width adjustable. Features a 16" diameter ball bearing for strength and stability.

# Material Handling Accessories

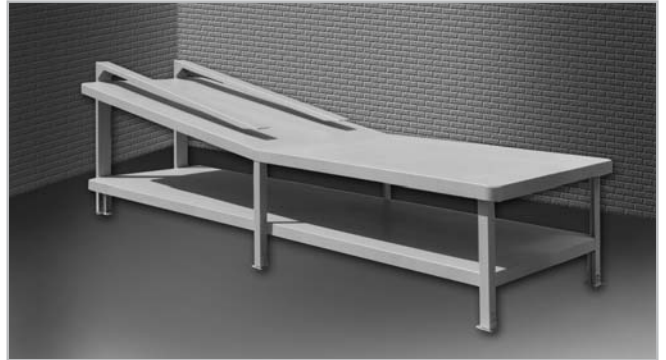
## Mattress Carts Flat & On-edge

Designed to assist product in sliding to and from stacks and maintain goods in balance. Cart moves in all directions.



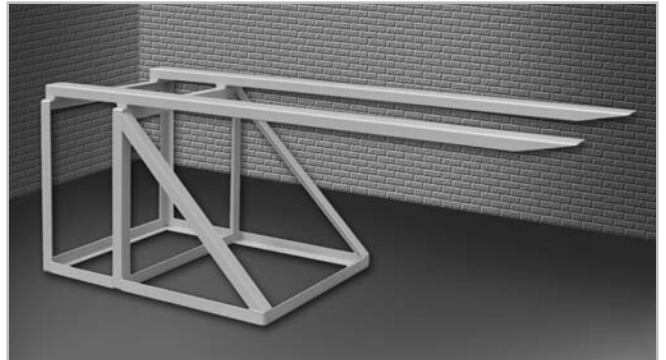
## Bagging Table

Efficient dual-access design, loads manually from the side or by conveyor from the rear. Features adjustable legs set to individual working height. Rugged all steel construction.



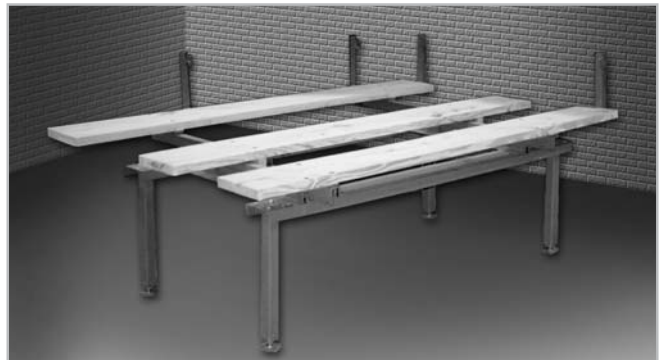
## Bagging Forks

Compact design, reversible forks, and rugged all steel construction.



## Hoover Table

Utilized for nailing coils to the wood frame.



## Custom System Configuration

Need help designing an efficient floor layout or integrating with an existing layout? Call one of our sales consultants today and let us custom design a conveyor system to launch your bedding production business into the future and beyond.



Syd-Ren Industries  
Carthage, MO 64836

(Sales by Gribetz International)

800-326-4742

Ph: 954-846-0300

Fax: 954-846-0381

Email: [info@sydren.com](mailto:info@sydren.com)

[www.sydren.com](http://www.sydren.com)

[www.gsgcompanies.com](http://www.gsgcompanies.com)



**GLOBAL SYSTEMS GROUP®**

[www.gsgcompanies.com](http://www.gsgcompanies.com)

A DIVISION OF *Leggett & Platt*

