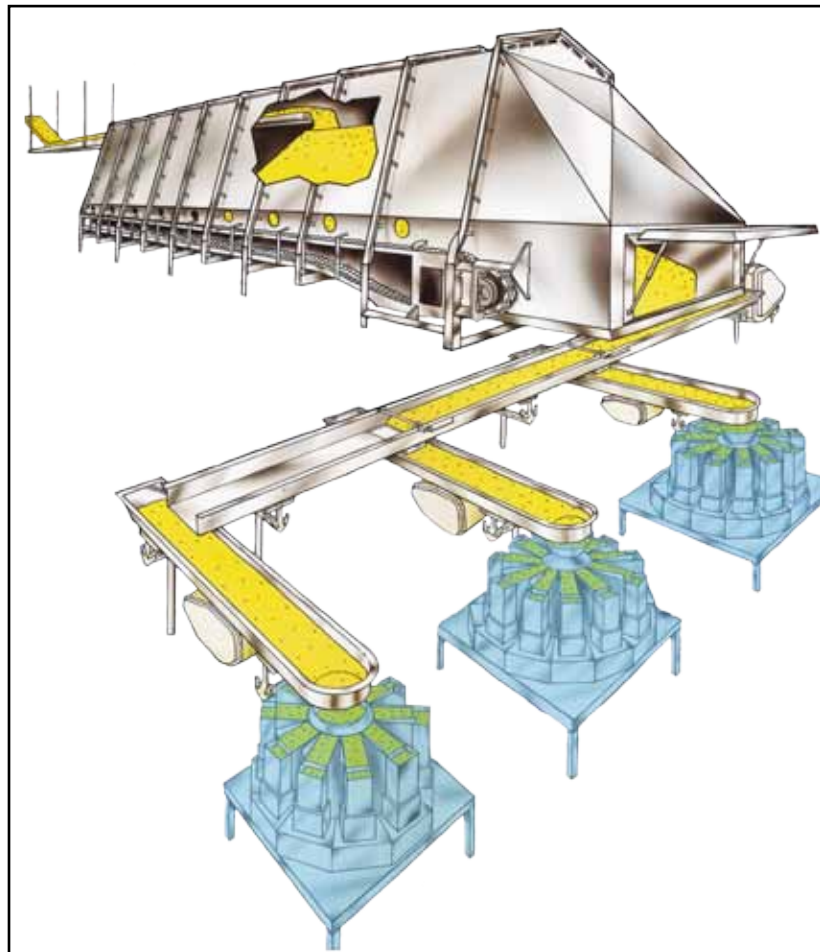


SANITARY BELT CONVEYING



TRIPLE/S DYNAMICS, INC.
ADVANCING.

www.sssdynamics.com

STORAGE SYSTEMS

Triple/S Dynamics line of Belt Storage Units provide first in, first-out accumulation or surge between continuous processing and packaging. Mechanically simple, BSU's are rugged and dependable.

Features

- Fully enclosed design to prevent product contamination and contain product dust, helping to control allergens.
- Stainless steel or aluminum conveyor slats
- Product view ports flush with interior
- Controlled flow rate of product to packaging or further processing
- Bin walls sloped inward to minimize product drag and reduce marking or breakage
- Positively driven conveyor belt to eliminate tracking problems and assure consistent discharge rates
- Sanitary design for continuous duty
- Minimal installation time

Options

- Product bed depths from 6" to 72"
- Belt widths available from 4' to 14'
- Belt lengths available from 14' to 102'
- Various slat discharge shakers
- Last-in, first-out arrangement
- Ceiling or floor supported
- Exterior finishes available
- Storage capacities from 30 to 6000 cubic feet



SLAT CONVEYORS

Precision engineered stainless steel slat conveyors are designed for optimal product control, cleanability, trackability and maintenance. Arrangements are horizontal or inclined, in lengths to over 100 feet. Rigid framework, and rugged drive components ensure years of continuous service.

Slats may be electro-polished stainless steel, anodized aluminum, or coated with proprietary PTFE materials for resistance to sticky accumulations.

Ribbed slats may be specified for deeper product load handling or for steeper elevations.

Housings and frames may be closed, covered, or open frame-work.





BELT CONVEYORS

Triple/S Dynamics sanitary belt conveyors are designed for ease of cleaning, with a minimum of areas for dust accumulation. Rigid frame and bed construction improves belt tracking and service life. A wide range of belt types, drives, and hardware features are available.

Features

- Beds are fabricated rod arranged in a chevron pattern for longer belt life; optional raised slider bed for full access between belts.
- Belting - white food grade with urethane top and polyester slider back, cleated, modular plastic belt, trough style
- Drives - head, tail or center
- Widths from 12" to 96"
- Lengths to over 130 feet
- Motorized pulley or shaft mounted gear motor
- Pulleys - lagged, groove, V-grooved for improved belt tracking
- Take-ups - manual, quick-release, or pneumatic tensioners
- Arrangements - incline, horizontal, decline and Z Frame
- Frames - formed or open tubular designed for easy access



PACKAGING DISTRIBUTION SYSTEMS

Triple/S Dynamics can solve all your packaging distribution needs.

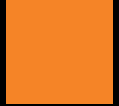
- Continuous belt storage units provide the 'accumulation' in the system
- Slipstick Conveyors equipped with gates distribute products to various packaging lines
- Slat and Belt Conveyors elevate products
- Vibratory Conveyors can remove fines or overs prior to packaging
- Control systems can completely automate and integrate the packaging distribution system with packaging and processing



Each conveyor specification is assembled, or reviewed by Triple/S Dynamics engineering to be sure that each conveyor best fits the needs of the application. Complete assembly and run-in testing is performed in the company's factory so you can be sure of a smooth start-up. Where size or complexity prohibit shipment of complete assemblies, careful attention to component identification and packing simplify site installation with or without the assistance of the Triple/S Dynamics Field Service Group.

Triple/S Dynamics has earned a worldwide reputation as a leading manufacturer of conveying equipment for the food, chemical, and pharmaceutical industries. Our state-of-the-art facilities offer the latest in engineering, fabrication tools and equipment.

Triple/S Dynamics also designs and manufacturers special purpose equipment, screening conveyors, aligning conveyors, and belt feeders.



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