Washdown & Sanitary Conveyors
Sanitary Dyna-Belt Conveyors

**Power Belt Series**
Capacity: Mid Range  
Effective Belt Width: 3” to 36”  
OAL: 24” to 100’  
Design Type: Modular, Kitted  
Construction: Modular Washdown Duty  
Custom-Super Sanitary

Note: Belt Feeder Line Based on Power Belt Series  
Also: Curves conveyors are available as custom.

Power Belt is an extraordinarily durable conveyor. Low total cost of ownership with a five to twenty year life expectancy anticipated on a direct drive belts in many applications.

Direct drive belt technology can be retrofit to existing slider and wear bar deck belt and modular chain conveyors.

Components are in stock.

Save energy, improve productivity by reducing cleaning times and add to the life of your conveyors today. 800-448-7822

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**Low Profile Series**
Capacity: Light Duty  
Effective Belt Width: 1.5” to 18”  
OAL: 18” to 20’  
Design Type: Custom  
Available as both: 304 SS Washdown Duty

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**Bulk Mover Series**
Capacity: Heavy  
Effective Belt Width: 24” to 96”  
OAL: 4’-0” to 200’  
Available as: Super Sanitary Trough or Flat
Dyna-Belt Line Facts

Dyna-Belt is a product group manufactured by Lipe Automation that is comprised of a series of both custom and pre-engineered component based conveyors. All are available with Washdown Duty or Sanitary Construction Features. Many can be used as OEM sub-assemblies to feed and discharge parts, materials or containers. These include:

<table>
<thead>
<tr>
<th>Conveyor Series</th>
<th>Type: Modular/Custom</th>
<th>Washdown</th>
<th>Sanitary</th>
<th>Kitted/Retrofit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Profile</td>
<td>Custom *</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Power Belt Series</td>
<td>Pre-Engineered Modular</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Power Transfer</td>
<td>Pre-Engineered Modular</td>
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<tr>
<td>Bulk Mover</td>
<td>Custom *</td>
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<tr>
<td>Low Level Hopper</td>
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<td>Belt Feeder</td>
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<td>No</td>
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<td>Precision Index</td>
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<tr>
<td>Super Lo Profile</td>
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<tr>
<td>TTC Series</td>
<td>Straight &amp; Curve Conveyors</td>
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<td>Belt Inclines</td>
<td>Pre-Engineered Modular</td>
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<tr>
<td>Curve Conveyors</td>
<td>Pre-Engineered Modular</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tbody>
</table>

* This line will be available is a pre-engineered product series but is build to order product.

** A powered and slave modular curve is under development for 2008. At present curve conveyors are available using modular plastic belts only. Washdown Duty, Modular Table Top Chain Conveyors also available.

Conveyors can be supplied using traditional belting, molded plastic belts or alternative direct drive belting.
Modular Washdown Conveyors

- Power Belt Series
- Reversible Drives
- Multiple Motor Locations Including “Pushing” Belt
- Adjustable Decline & Incline Angle
- Open Stainless Construction Side Slots for Ancillary Equipment Mounting

Hoppers, top covers, drip pans and multiple belt options including perforated belts. Cleats and Accordion Side Aprons to 4.5” Tall.
Modular Washdown Drive Section

Positive Power Transmission to Belt using simple drive sprockets

Multiple drive locations. Top, bottom, right angle and shaft mount. Integrated AC & DC drive pulleys. Any voltage, environmental class and belt speed.

All of our conveyors are reversible.

Heavy duty modular components In stock.
Modular Sanitary Conveyors

- Positive Direct Belt Drive
- Open Stainless Construction
- Side Clean Out Ports
- Multiple Motor Locations
- Hoppers, top covers, drip pans and multiple belt options including perforated belts. Cleats and Accordion Side Aprons to 4.5" Tall

800-448-7822
www.lipeautomation.com
Sanitary & Washdown Conveyor Applications

Pharmaceutical Line
Belt Feeder to Bowl

Packaging Line
(Merge/Diverge)

Process Belts
Fruit Processing

De-Watering Belt
Cheese-Whey Processing

Bulk Medical Sponges
316SS #4 Finish

Process Belt
Cheese-Block Processing

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Sanitary & Washdown Conveyor Applications

Hopper- Cleated Belts w/ Accodian Side Walls

Bakery Conveyors (DC Series- Modular Chain w/ noseover transfer)

Cheese Dewatering Conveyors (Wire Belt)

USDA approved — ideal for incline meat applications

Donut Handling- Portable Package Handling Belt

Meat Processing w/ Cutting Stations
Sanitary & Washdown Conveyor Applications

• Gabled Container Filling Machine Discharge Conv. (80mm Table Top Chain)

• Bread Handling
  • w/ squaring device

• Feed to Case Packer (4x 80mm Table Top Chain)
  • Custom Design/Build (4 X 3 & 4X 2) Pack Former
  • Dairy Specifications

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LIPE AUTOMATION EQUIPMENT
Sanitary Conveyor Applications

Sanitary Modular Conveyors
Power Belt Advantage:

Pre-Engineered modules allow for easy changes w/ in stock parts.

Components can create custom solutions.

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Sanitary Conveyor Applications

Custom- Check Weigher

Custom- Laner
Low Profile Series

Capacity Light Duty
Effective Belt Width 1.5” to 18”
Effective Frame Depth: 1.75”
OAL: 18” to 20’
Design Type: Custom
Available as both:
  Washdown
  Aluminum Ext.

Excellent for OEM

Metal Detector Conveyor

800-448-7822
www.lipeautomation.com
Belts & Surfaces
Anti-Static            USDA- FDA
Clean Room             Accumulation
Cleated                High Temperature
Indexing               Plastic Molded Chain
Mat Top                Wire Mesh

Conveyor Beds:
Aluminum                Slider
304 Stainless Steel Modular      Micro Roller

Bearings: Double-seal, sealed for life ball bearings.

Supports: Several styles to choose from including H-Style, Portable and Sanitary Style Legs.

Drive Configurations: Multiple drive locations including top mount, side mount, bottom mount, shaft offset mount.

Drive Types: Gearmotor, parallel shaft and right angle drives are used. Multiple voltages, CE, NEMA frames are available. Stepper, and Servo Drives are available.

Pulley: Knurled Friction Type, Machined Crowned & 17 Tooth Timing Gear & 25 Tooth Timing Gear Drive Assembly

Controls: Standard Nema Enclosures available w/ start/stop, e stop, servo, indexing and variable speed controls

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Other lengths & widths can be accommodated. Engineered side guides, tooling, escapements, pallet stops & height adjusters are available.
Bulk Mover Series

- Custom Heavy Capacity Belt Conveyors available as flat and troughing super sanitary USDA-FDA belt conveyors.

- Positive Drive USDA-FDA Belts
  - Lower Horsepower
  - Manual Clean (Dairy 3A Spec)
  - Incline/Decline Belts to 200’ Long
  - Perforated Belts *(Available)*
  - Cleats to 4.5” H *(Available)*
  - Accordion Side to 4.5” H *(Available)*

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304 SS Open construction

Shown w/out guards And w/ portable supports
Sanitary & Washdown Facts

- Sanitary Designs based on:
  - Belting, Thermoplastic Belt, Molded Plastic Chain, Wire Mesh Wire Belt
  - Pre-Engineered Components – Factory Stocked
  - USDA-FDA-AMI Compliant Construction
  - Conveyor Equipment is proudly made in the USA