



Specifications:

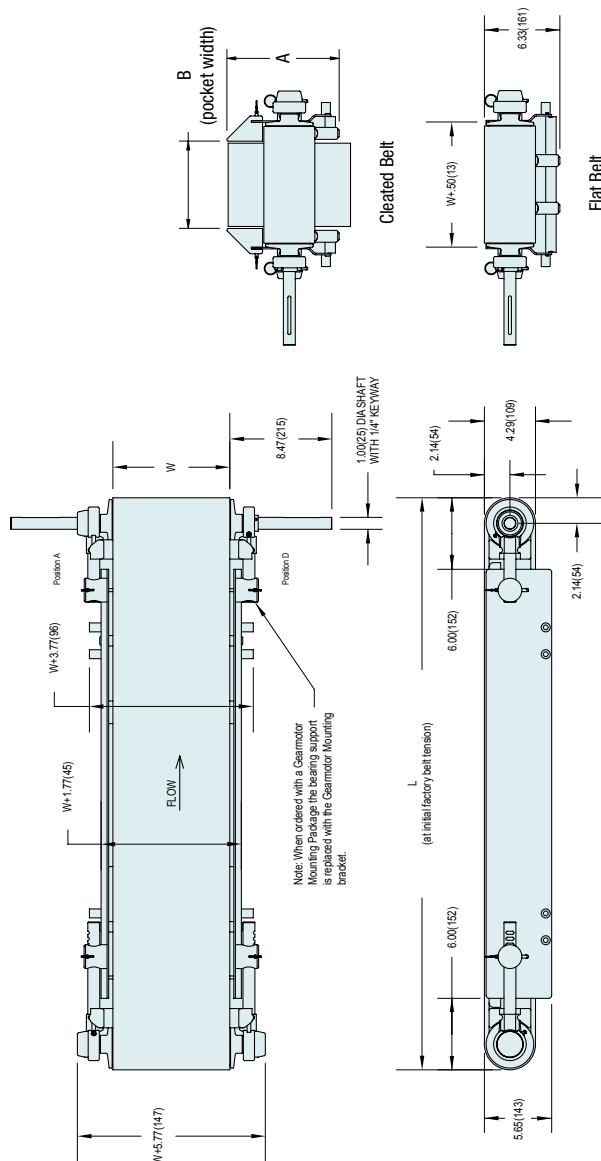
- Modular Flat, Modular Cleated and Curved Modular Flat Belt models
- Z-Frame Modular Flat and Cleated models
- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt speed: 233 ft/min maximum (71 m/min)
- Belt Widths: 6" (152 mm) to 36" (914 mm)
- Conveyor Lengths: 36" (914 mm) to 999" (25,375 mm)
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all frame surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- USDA Approved belting and plastic components
- Meets USDA, NSF & AMI design specifications

Features & Benefits:

- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together (can be welded together on site).
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Open Belt Tracking Flanges and solid UHMW idler pucks create access to pulleys.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- The return belt supports are segmented plastic slide blocks and are easily removed without tools for effective cleaning.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- Nose bar idler ends (optional) are constructed of a machined UHMW bar to provide a 1.5" diameter transfer.
- The nose bar drive configuration (optional) allows the use of the nose bar transfer on each end of the conveyor for small product transfers.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.
- TIG welded stand offs keep fasteners out of the food zone.



Available in Idler Tail



W = Conveyor Belt Width **Dim** = in (mm)

CONFIGURATIONS AVAILABLE

Straight

Flat & Cleated Modular Belt



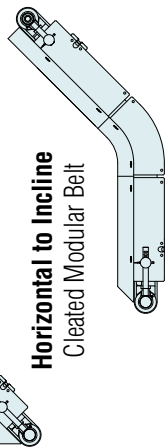
Nose-Over

Flat & Cleated Modular Belt



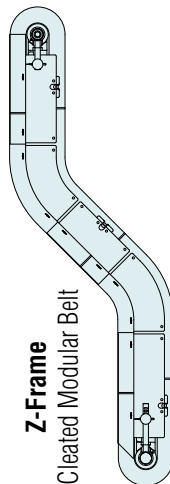
Horizontal to Incline

Cleated Modular Belt



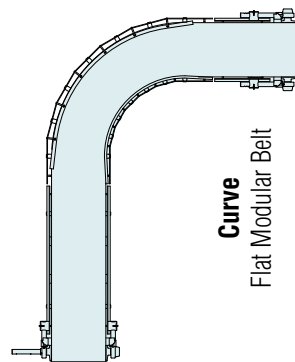
Z-Frame

Cleated Modular Belt



Curve

Flat Modular Belt



STANDARD OPTIONS



Nose Bar Idler Pulley
1.5" (38 mm) diameter for tight transfers.



Belt Lifters
For easy cleaning on wide or long conveyors.



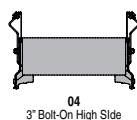
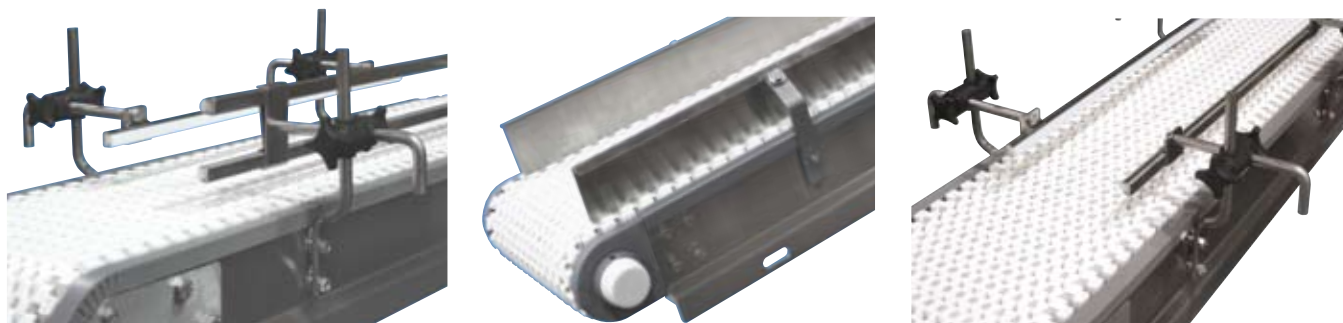
Frame Cut-Out
Allows access for internal frame washing.

PROFILES

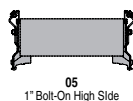
Choosing the right profile is an important step in the overall conveyor selection process. Application factors to consider include product thickness, product stability and accuracy in relation to the conveyed product. Other requirements may include side transfers, merges and accumulating products. Guides can be drilled, trimmed and cut to fit custom applications.

(The featured 3D models were created using Dorner's 3D CAD Library. The 3D CAD Library is available to you on our website at www.dorner.com)

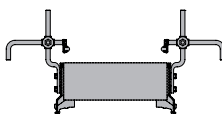
7350 & 7360 SERIES



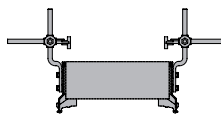
04
3" Bolt-On High Side



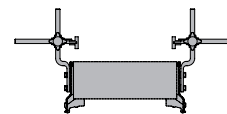
05
1" Bolt-On High Side



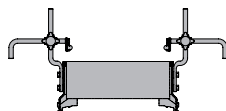
13
Fully Adjustable Round



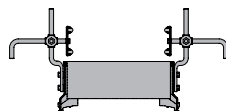
17
Fully Adjustable Flat



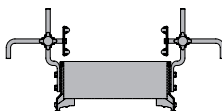
18
Fully Adjustable Flat
w/ Tool-less Handles



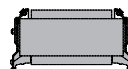
14
Fully Adjustable Round
w/ Tool-less Handles



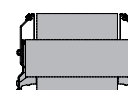
15
Fully Adjustable Twin Rail



16
Fully Adjustable Twin Rail
w/ Tool-less Handles



02
1" Bolt-On High Side



03
3" Bolt-On High Side

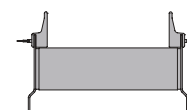
7400 & 7600 SERIES



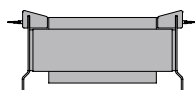
Profile 1
Low Side



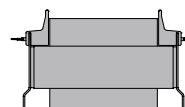
Profile 2
1" (25) High Side



Profile 4
3" (76) High Side



Profile for Cleat
Types A, G, J, M, N & R



Profile for Cleat
Types B, C, K, L, P, Q, S & T

STANDARD BELTING

Dorner has a selection of standard belting for most common conveyor applications. Standard belt material is stocked at Dorner, then cut and spliced at the factory for fast conveyor shipment.



Accumulation Belts



General Purpose Belts



High Friction Belts



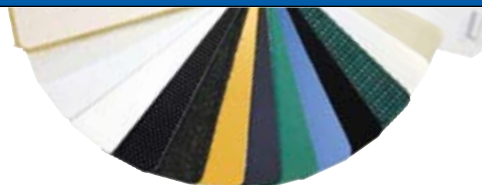
Electrically Conductive Belts



Cleated Belts

SPECIALTY BELTING

For your special conveyor needs, Dorner has a large selection of specialty belting options available. Specialty belt material is not stocked at Dorner and needs to be custom ordered for your conveyor.



Color Contrasting Belts



Chemical Resistant Belts



Solid Urethane Belts



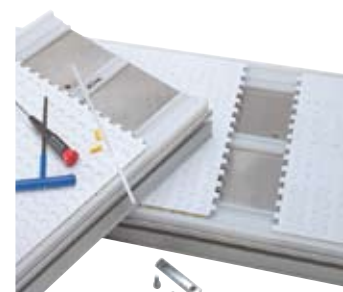
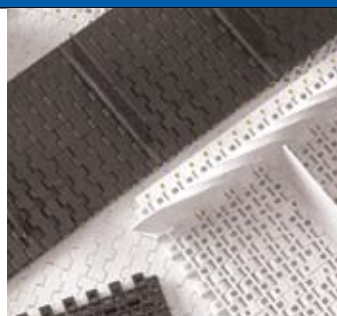
FDA Sealed Edge Belts



FDA Encased Belts

MODULAR PLASTIC BELTING

Modular Plastic Belting is available in various flat top and cleated styles. Choose from open mesh, closed mesh, cleated and sidewall cleated belts with many options in frictions, temperature ratings and chemical resistance.



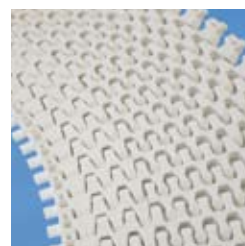
Friction Inserts



Flat Top Belts



Flush Grid Belts



Curve Belts



Cleated Belts

GEARMOTORS & MOUNTING PACKAGES

Gearmotors can be mounted to the conveyor with these standard mounting packages. Each package allows several position options and is available in both 90° and Parallel gearmotor configurations allowing you great flexibility. Mounting packages that utilize timing belts and pulleys also provide a wide range of belt speed options.

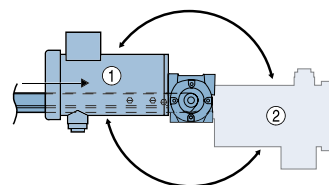
(The featured 3D models were created using Dorner's 3D CAD Library. The 3D CAD Library is available to you on www.dornercad.com)

SIDE MOUNTS



Side mounts couple the conveyor and gearmotor with a flexible coupling or directly. Used for taller parts or where space below the conveyor is limited.

90° Gearmotor Orientations

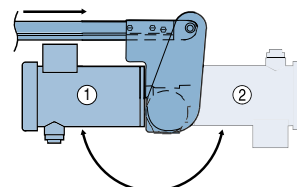


BOTTOM MOUNTS



Bottom mounts utilize timing belts and pulleys for a wide variety of belt speed options. Used for taller parts and provides the most compact package.

90° Gearmotor Orientations

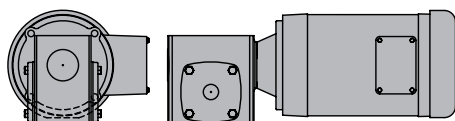


CENTER MOUNTS

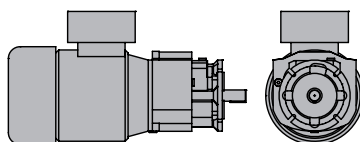


Frees up both ends of conveyor for machine interface and maintenance free belt take-up.

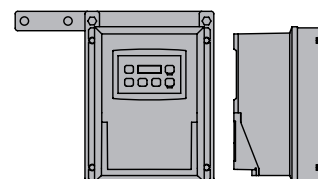
GEARMOTORS & CONTROLS



90° Gearmotors



Parallel Shaft Gearmotors



Variable Speed Controllers

SANITARY CONVEYOR SUPPORT STANDS & ACCESSORIES

Dorner offers the most complete line of conveyor support stands available.

Features & Benefits

- Widths: 4 in to 60 in (102 mm to 1,524 mm)
- Heights: 7 in to 99 in (178 mm to 2,515 mm)
- Complete stainless steel construction with a 2B or #4 finish
- Vertical legs are formed channel or a closed 2" square tube
- Has +/- 2" of adjustment
- Fixed Foot self aligns 10° for sloped floors
- Horizontal Mount Version for Direct Level Conveyor Mounting
- Incline Mount Version for angled conveyor applications
- Designed for Washdown Environments

Accessories

- Casters
- Diagonal bracing
- Floor Anchor Kits
- Ceiling Supports

AquaGard®

AquaPruf®



Low Height
Support Stands



Tall Support Stands



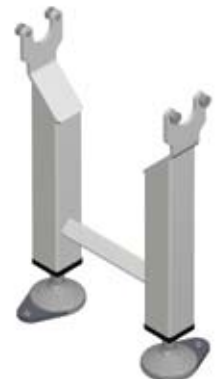
Swivel Locking
Casters



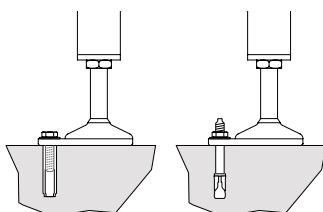
Adjustable Angle
Support Stands



Formed Channel
Support Stands



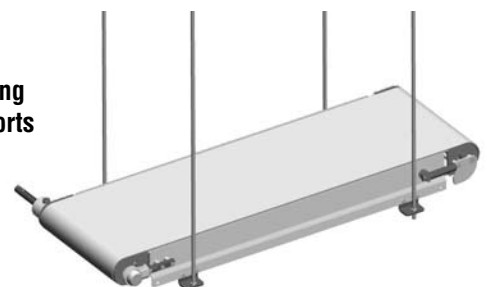
Closed 2" Square
Tube Support Stands



Sanitary Floor
Anchor Kits



Ceiling
Supports



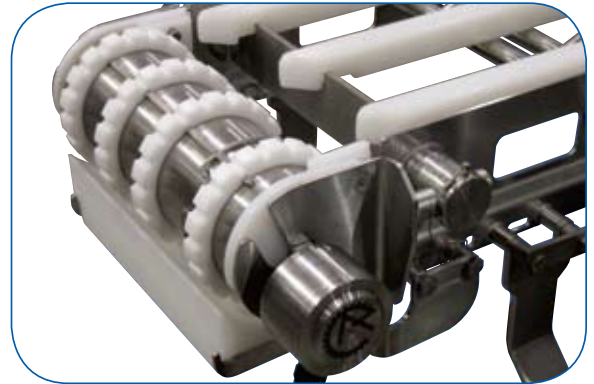
MOTORIZED PULLEY

Features & Benefits

- 304 stainless steel for durability in tough applications
- Sealed drum motor is ideal for heavy duty washdown applications
- Pulley locating supports allow for fast removal and relocating for sanitation
- No fasteners are used to locate sprockets on motorized pulley
- Innovative sprocket locating key way allows for fast and effective sanitation (Patent Pending)

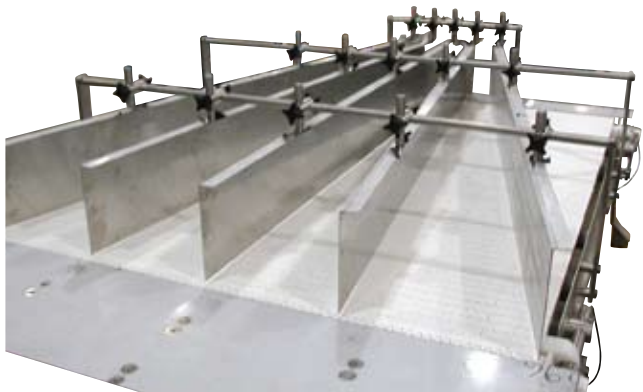
General Specifications:

- 7400 and 7400 Ultimate Stainless Steel Sprocket model (photo #1)
- 7600 Molded Urethane Lagging model (photo #2)
- 7600 Ultimate Plastic Sprocket model (photo #3)
- Motorized Pulley Widths: 12" to 46" in 2" increments
- All external components are stainless steel
- Pulley located in conveyor frame with welded supports
- Pulley supports have quick locating and removal slot
- All frame components are a #4 finish
- Completely sealed components ideal for sanitary applications
- 50,000 hours of operation between oil changes
- 96% mechanically efficient
- Saves up to 30% power consumption over conventional motors
- 230 or 460 Volt 3 Phase
- VFD variable speed capable
- Speeds to 270 feet per minute



ENGINEERED APPLICATIONS

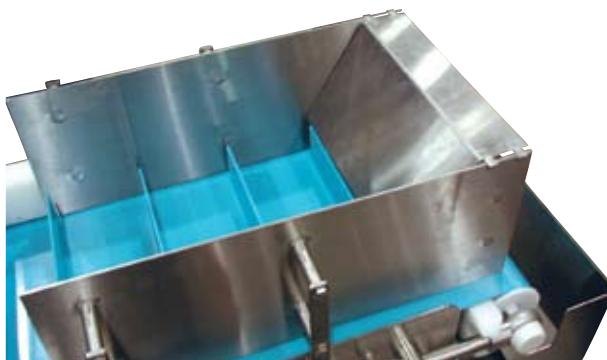
LANE & ADJUSTABLE GUIDING



Controls product flow and direction, also adjustable for various-sized products.

- Accumulates large quantity of product
- Diverts product across lanes
- Merges multiple lanes to a single lane
- Support unstable product
- Stainless steel options available

HOPPERS



Guide product onto the conveyor and reduce product waste during quick-filling of conveyors.

- Locate and guide product onto conveyors
- Removable for easier maintenance and sanitation
- Stainless steel construction

CHUTES



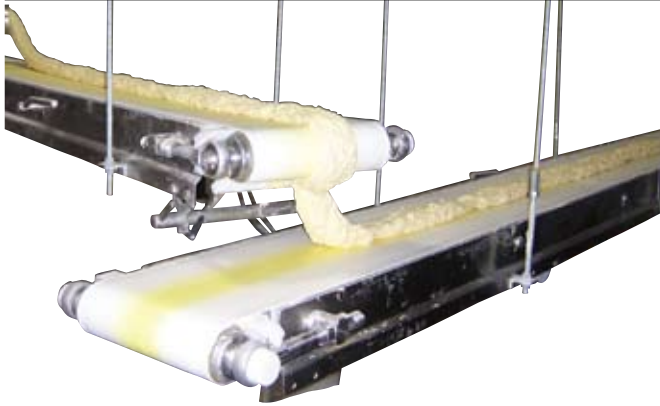
Steel, stainless and plastic chutes help guide product onto or away from the conveyor belt.

CONVEYOR COVERS



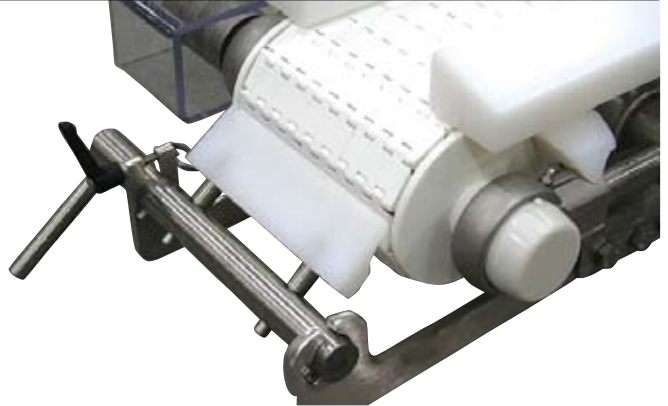
Clear Lexan® or stainless steel covers can help improve operator safety and/or protect product from contamination.

CEILING MOUNTED CONVEYORS



Save floor space by mounting conveyors from the ceiling.

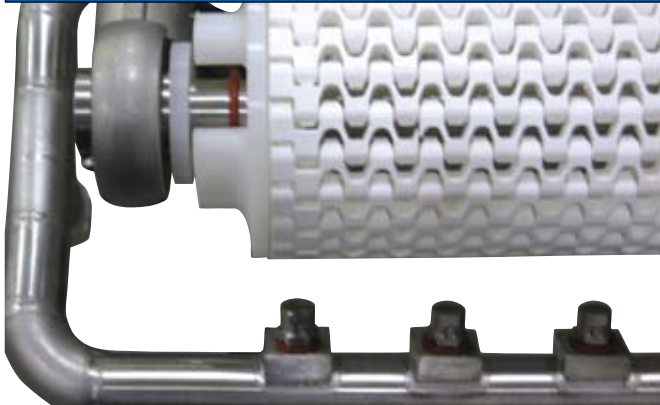
SCRAPER



Removes product build-up and releases product from belt.

- Adjustable tension accommodates a variety of products
- Stainless steel construction

CLEAN IN PLACE



Reduce sanitation time and water usage with a Clean in Place unit.

- Automated washing system for modular belts
- Cleans the top and bottom surfaces of the belts
- Forces water through the open hinge of the belt

MULTI-BELT CURVE



Create a tighter turn radius and reduce the amount of space required for a modular belt curve by using multiple belts on one conveyor frame.

ENGINEERED APPLICATIONS

DRIP PANS



Control product spillage and reduce cleaning time with drip pans.

- Collection for liquids and debris which fall from the product
- Can be hinged for easy clean-out or funneled to collect the liquid to a central location
- Drain option for easier cleaning
- All stainless steel construction

WIRE BELT CONVEYORS



- Maximum air flow around products to heat or cool
- Variety of chain options for various application needs
- Minimum surface area reduces sanitation and cleaning time

FRAME INTEGRATED CONVEYOR SIDE TABLES



One-piece design improves sanitation and facilitates additional assembly operations on the conveyor.

- Stainless steel operator side tables can be formed from the side of the conveyor
- Up to 10" (254 mm) wide
- Located on one or both sides of the conveyor

DIVERTERS AND GATES



- Changes product direction to single or multiple locations.
- Often used to meter flow to specific areas or to separate products based on certain attributes.
- Control via proximity switches, photo eyes, counters and PLCs.
- Motion can be achieved via pneumatic or electric components.
- Available in a variety of materials.

From metal stamping to automated assembly, to food processing to packaging, we have the right conveyor for your application.



2200/2300 SERIES LOW PROFILE BELT CONVEYORS

Aluminum Extruded Construction

- Belt and modular belt options
- High performance conveying
- Streamlined machine interface
- Small parts transfers
- Efficient use of space
- Accumulation
- High temperatures
- Sharp parts
- Aesthetics
- iDrive 



3200 SERIES HEAVY DUTY BELT CONVEYORS

Aluminum Extruded Construction

- Straight, inclined and elevating configurations
- High performance conveying
- Main line, long lengths
- Heavy duty applications
- Fast belt speeds
- Aesthetics
- iDrive 



5200/5300 SERIES HEAVY DUTY CHAIN

Aluminum Extruded Construction

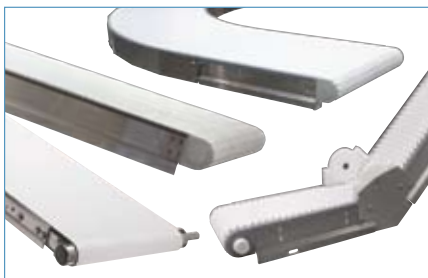
- Straight, curve, incline and decline configurations
- High performance conveying
- Main line, long lengths
- Heavy duty applications
- Fast belt speeds
- Part accumulation
- Automated and manual assembly



6200 SERIES LOW PROFILE BELT CONVEYORS

Stainless Steel Construction

- Tight space
- Basic conveying needs
- Wedge-Lok™ system
- Metal stamping
- Rugged environment
- Part accumulation
- Small part transfer



AQUAGARD® FAMILY OF SANITARY CONVEYORS

Stainless Steel Construction; 7200, 7300, 7350, and 7360

- Straight, curve, incline and decline configurations
- Belt and modular belt options
- Industry leading speeds
- Small parts transfers
- Easy to accessorize - No drilling required
- 10 guiding packages available



AQUAPRUF® FAMILY OF SANITARY CONVEYORS

Stainless Steel Construction; 7400, 7600 and Ultimate Series

- Straight, curve, incline and decline configurations
- Belt and modular belt options
- Wash-down and sanitary environments
- Clean rooms
- Chemical Resistance
- USDA, FDA, BISSC