

CONVEYOR OVERVIEW

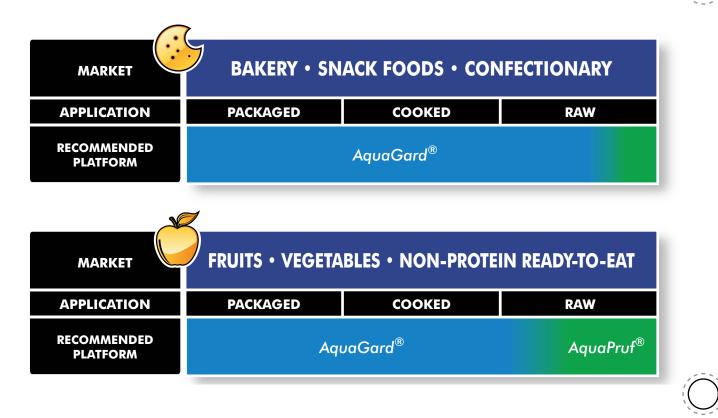
Aquo Gord® Aquo Pruf®

AVS

AVS Danmark ApS • Skelvej 18 • 2640 Hedehusene • +45 46 56 43 43 • www.avsdanmark.dk

From packaging to processing, Dorner has the food industry covered. By offering three series of sanitary conveyors – AquaGard[®], AquaPruf[®] and AquaPruf[®] Ultimate – Dorner can meet virtually any need.

To identify the series best for you, simply locate your market and application in one of the four charts below. You can then utilize the chart stretching along the bottom of the page to select your specific conveyor model.



		Cleaning Method			Type of Cleaning Agent						
		Wash Down					Environment				
		Wipe Down	Low Pressure	High Pressure	Water	Soap/ Water	Diluted Bleach or Alcohol	Foaming Caustic	Dry	Wet	
Aqua Gard°	7350	•	•		٠	٠	•		٠	•	
Aquodard	7360	•	•		•	•	•		•	•	
A Pruf *	7400	•	•	•	•	•	•	•	٠	•	
Aqua Pruf	7600	•	•	•	•	•	•	•	•	•	
AquaPruf	7400U	•	•	•	•	•	•	•	•	• /	\bigcirc
ULTIMATE	7600U	•	•	•	•	•	•	•	•	•	

AquaGard		AIRY • READY-TO-E	Aque Pruf ULTIMATE AT W/PROTEIN
APPLICATION	PACKAGED	COOKED	RAW
RECOMMENDED PLATFORM		AquaPruf [®]	AquaPruf [®] Ultimate
MARKET	MEDICAL • PE	RSONAL CARE • PH	IARMACEUTICAL
APPLICATION	PACKAGED	PROCESSED	RAW MATERIALS
RECOMMENDED PLATFORM	Aqua	Gard [®]	AquaPruf [®]

Sanitary Features									
				Approvals					
Belt Lifters	Clean Out Windows	Tip Up Tail	Complete Tool-less Disassembly	FDA	Bissc	USDA Red Meat & Poultry	Belt Type	Frame Construction	Offering
				•	•		Modular Plastic	TIG Welded Stainless Steel	Straight/ Curve/Z-Frame
		•		•	•		Belt	TIG Welded Stainless Steel	Straight/Z-Frame
•	•	•		•	•		Modular Plastic	Continuous TIG Welded Stainless Steel	Straight/ Curve/Z-Frame
•	•	•		•	•		Belt	Continuous TIG Welded Stainless Steel	Straight/ Z-Frame
)))	•	•	•	•		•	Modular Plastic	Continuous TIG Welded Stainless Steel	Straight/ Curve/Z-Frame
•	•	•	•	•		•	Positive Belt Driven	Continuous TIG Welded Stainless Steel	Straight/ Z-Frame

THE DORNER Advantage

A program of action, support and service that make the customer's choice *Smart* and *Fast*

Application Hotline: 800-351-8712

A direct line to our engineers, where customers can call to discuss applications and options.



Industry leading 10 year limited warranty

The longest warranty being offered in the conveyor industry, this reduces the total cost of ownership.



Shortest lead time in the conveyor industry

No other company can deliver custom sized and application ready conveyors faster than Dorner.

CONVEYOR TYPE	LEAD TIME (IN DAYS TO SHIP)*							
ALUMINUM EXTRUSION								
V-Guided Belt	3							
Modular Belt	5							
STAINLESS STEEL								
V-Guided Belt	10							
Modular Belt	10							

* Applies to products configured in E-Pricer.







Service Hotline: 888-417-3515

An after hours hotline, where customers can call and get help troubleshooting conveyors from a member of Dorner's FIT team of service experts. Dorner's Service never sleeps.

FACTORY INSPECTION & TRAINING



Get FIT and Stay FIT Visits

A support program to ensure equipment is installed correctly, and that existing equipment is maintained for optimal performance.



FIT Replacement Parts

Original equipment, wear and maintenance parts from Dorner, that will add conveyor life, maximize production time and ensure the customer's warranty is maintained.



FIT Training

A custom designed training course for the customer's engineers and maintenance personnel that ensures proper conveyor maintenance and safety that optimizes conveyor performance.

Aqua Gard[®] 7200 & 7300 SERIES



Specifications:

- Flat and Cleated Belt models
- Loads up to 60 lbs* (27 kg)
- Belt speeds up to 264 ft/min (81 m/min)
- Belt widths: 1.75" (44 mm) to 18" (457 mm)
- Conveyor lengths: 2' (610 mm) to 18' (8,486 mm)
- Cleats available from 0.43" (1 mm) to 2.36" (60 mm) high
- 11 gauge stainless steel roll formed frame
- Complete stainless steel construction
- 1.25" (32 mm) diameter drive pulley turns approximately 4.25" (108 mm) of belt per revolution
- 1.5" (38 mm) bottom of frame to top of belt
- Self-aligning stainless steel sealed bearings with FDA approved solid lubricant
- Washdown rated gearmotors and controls
- **(E** models available



* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

- Quick five-minute belt change for increased uptime
- Rack and pinion for fast single point belt tensioning
- 304 stainless steel frame, head and tail plates are polished to a #4 finish
- V-Groove frame with guided belt ensures accurate tracking
- Wedge-Lok™ system for impact protection
- Streamlined design fits where other conveyors do not
- Low profile, single piece frame for quick, easy cleaning
- Quick-clamp rail for easy mounting of bolt-on accessories
- Optional 0.25" (6 mm) thick bottom wiper for Flat Belt End Drives
- A variety of FDA approved belting to meet application needs



LOW PRESSURE

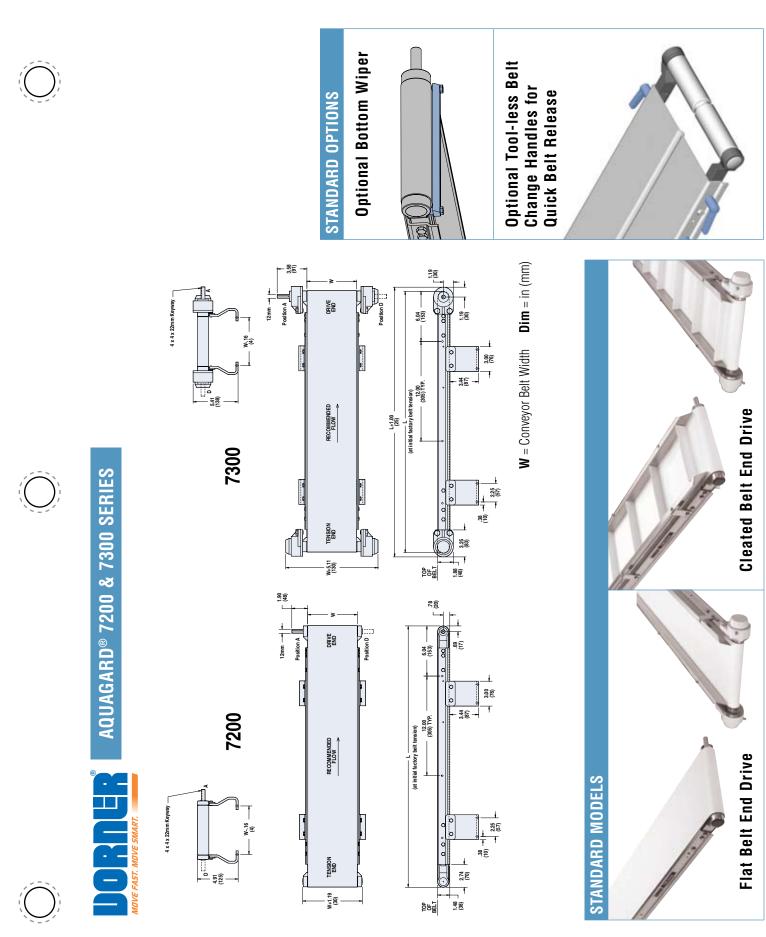




Chlorinated Cleaners







For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Aqua Gard 7350 SERIES: STANDARD FEATURE OVERVIEW



Improve your bottom line results with industry leading speeds, best in class product transfers, and ease of automation.

Tailor Fit Accessories for Your Needs

Ease of Automation & Guiding



No Drilling with Innovative Key Hole & Mounting Rod



Fully Adjustable Single Rail



Low Voltage Wiring Accesories



Fully Adjustable Twin Rail



Accessory Bar for Mounting Multiple Accessories



High Side Guide

(8)

Aqua Gard 7350 SERIES: STANDARD FEATURE OVERVIEW



Maximum Flexibility

- Straights, Curve and Z-Frame Modules
- 3 Product Transfers to Choose From
- No Drilling Required for Ease of Automation or Guiding
 - Attach controls, photo eyes, low voltage wire, & air tubing
 - Attach accessory bar for mounting several automation components
 - Attach any of standard guide packages to tailor fit conveyor

Increase Throughput

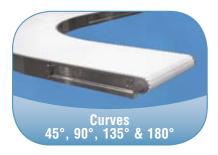
- Speeds up to 260 feet per minute
- Available in Straights, Curves and Z-Frames
- 1" Nose Bar Tails
- Powered Transfer

Reduce Product Loss

- 1" Nose Bar Tails for small part transfer
- Powered Transfer for maintaining speeds through transfer
- Roller transfer plate for smooth product transfer in minimal added length



TIG Welded Stainless Steel Solid UHMW Open Frame Design













Powered Transfer



Roller Transfer Plate

Aqua Gard 7350 SERIES: STRAIGHT & CURVED MODULAR BELT



Specifications:

- Modular Flat, Modular Cleated and Curved Modular Flat Belt models
- Loads up to 750 lbs* (453 kg)
- Belt speeds up to 260 ft/min (78.6 m/min)
- Belt widths: 4" (102 mm) to 36" (914 mm)
- Conveyor lengths: 3' (914 mm) to 83' (25,298 mm)
- Cleats available in 1" and 3" heights
- 45°, 90°, 135°, & 180° curves available
- Wearstrip material is UHMW
- TIG welded 304 Stainless Steel Frame
- FDA approved belting and plastic components
- **CE** models available





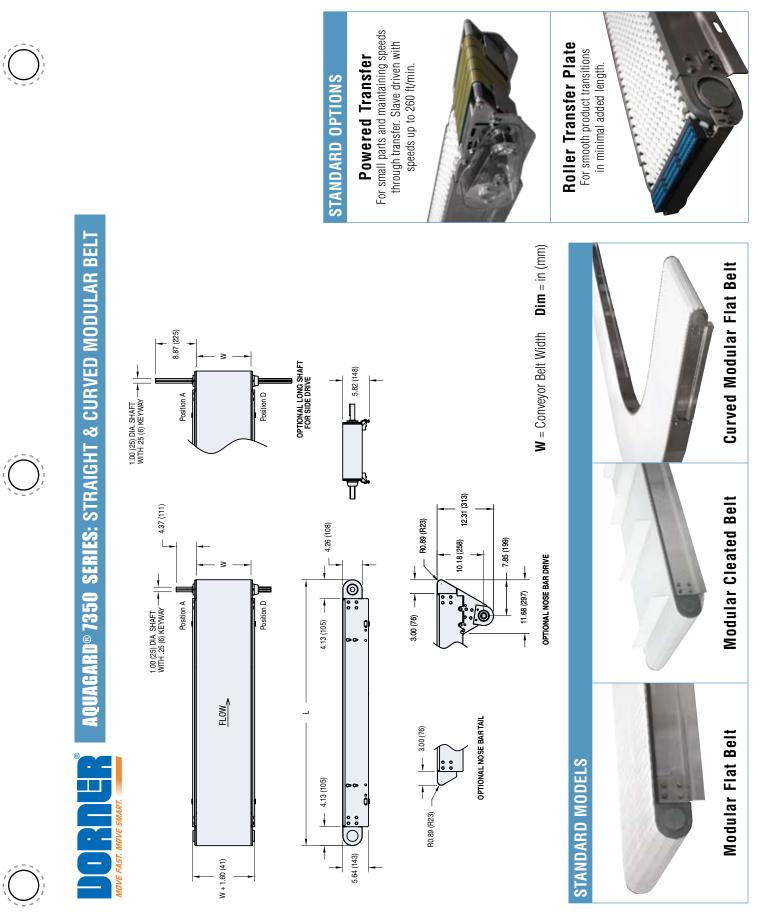
* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- · Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max







For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

(11)

Aqua Gard 7350 SERIES: z-FRAME & CURVED MODULAR FLAT BELT



Specifications:

- Z-Frame Modular Flat, Modular Cleated and Curved Modular Flat Belt models
- Loads up to 750 lbs (453 kg)
- Belt speeds up to 260 ft/min maximum (78.6 m/min)
- Belt widths: 4" (102 mm) to 24" (610 mm)
- Total lengths up to 83' (25,298 mm)
- Z-Frame Straight and Z-Frame Curved Modular Flat Belt has 5° to 30° fixed angle modules available in 5° increments
- Z-Frame Modular Cleated Belt has 5° to 60° fixed angle modules available in 5° increments
- 45°, 90°, 135°, & 180° curves available
- Wearstrip material is UHMW
- TIG welded 304 Stainless Steel Frame
- FDA approved belting and plastic components
- $\mathbf{C}\mathbf{E}$ models available

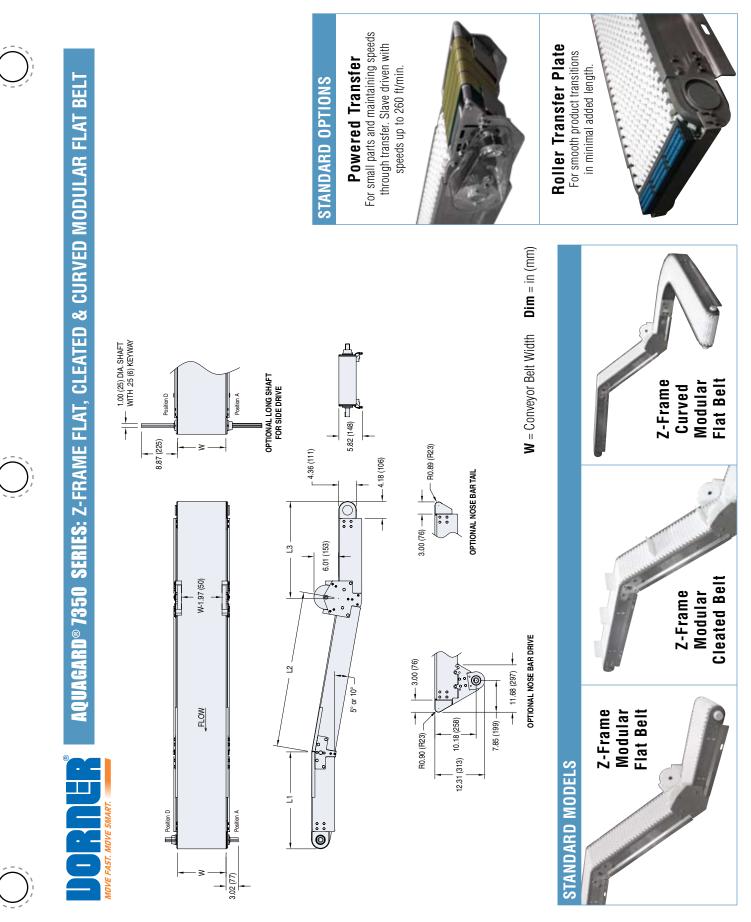
* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- · Solid UHMW wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max







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Aqua Gard 7360 SERIES: STANDARD FEATURE OVERVIEW



Improve your bottom line results with industry leading speeds, best in class product transfers, and ease of automation.



Tailor Fit Accessories for Your Needs

Ease of Automation & Guiding



No Drilling with Innovative Key Hole & Mounting Rod



Fully Adjustable Single Rail





Fully Adjustable Twin Rail



Accessory Bar for Mounting Multiple Accessories



(14)

Aqua Gard 7360 SERIES: STANDARD FEATURE OVERVIEW



Maximum Flexibility

- Straights & Z-Frame Modules
- 3 Product Transfers to Choose From
- No Drilling Required for Ease of Automation or Guiding
 - Attach controls, photo eyes, low voltage wire, & air tubing
 - Attach accessory bar for mounting several automation components
 - Attach any of standard guide packages to tailor fit conveyor

Increase Throughput

- Speeds up to 300 feet per minute
- V-Guided Belt Tracking
- 1" Nose Bar Tails
- Powered Transfer

Reduce Product Loss

- 1" Nose Bar Tails for small part transfer
- Powered Transfer for maintaining speeds through transfer
- Roller transfer plate for smooth product transfer in minimal added length



Snap in Hard Anodized Aluminum Bed Rails



TIG Welded Stainless Steel Open Frame Design







Powered Transfer



Roller Transfer Plate





Aqua Gard 7360 SERIES: FLAT & CLEATED BELT



Specifications:

- Flat and Cleated Belt models
- Loads up to 500 lbs (453 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 4" (102 mm) to 52" (1,321 mm)
- Total lengths: 3' (914 mm) up to 40' (12,192 mm)
- Cleats available in 1" and 3" heights
- Wearstrip material is hard coat anodized aluminum
- TIG welded 304 Stainless Steel Frame
- FDA approved belting and plastic components
- **CE** models available

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

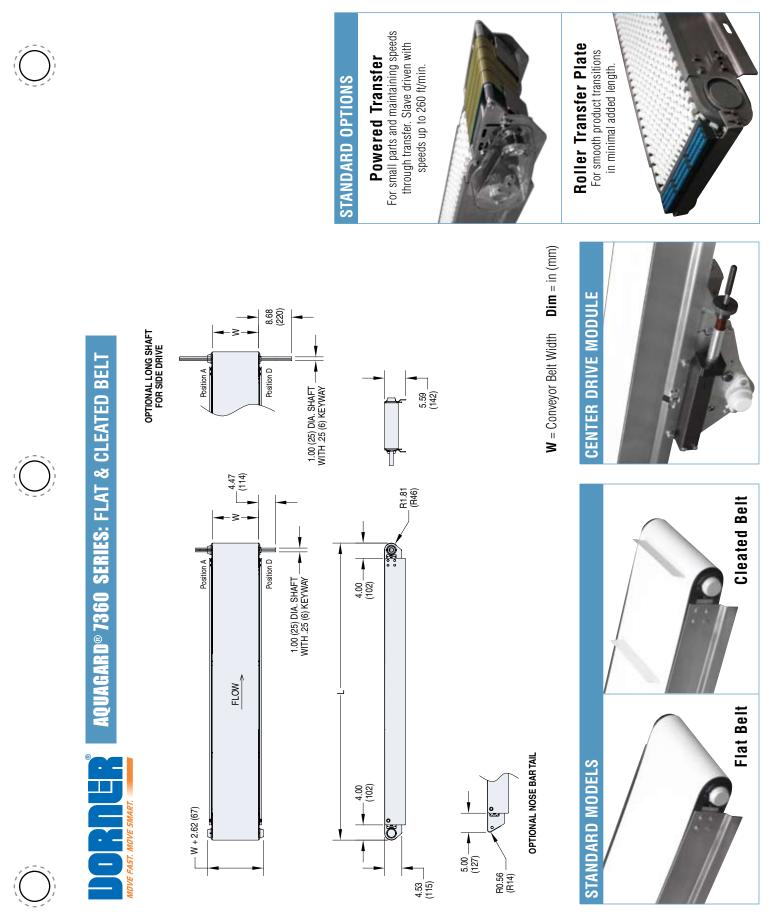
Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- The center drive (optional) allows additional clearance on ends when needed
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max









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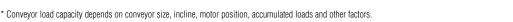
Aqua Gard 7360 SERIES: z-FRAME FLAT & CLEATED BELT



Specifications:

- Z-Frame Flat and Cleated Belt models
- Loads up to 500 lbs (453 kg)
- Belt speeds up to 300 ft/min maximum (91 m/min)
- Belt widths: 4" (102 mm) to 24" (610 mm)
- Total lengths up to 40' (12,192 mm)
- Modular Flat has 5° to 30° fixed angle modules
- Modular Cleated has 5° to 60° fixed angle modules available in 5° increments
- Wearstrip material is hard coat anodized aluminum
- TIG welded 304 Stainless Steel Frame
- FDA approved belting and plastic components
- **CE** models available





Features & Benefits:

- Frame is constructed of TIG welded 304 stainless steel and features open design with minimal horizontal surfaces
- Hard coat anodized aluminum wear strips located in welded cross members for durable belt support
- Mount controls and accessories fast with no drilling required includes adjustable guiding, photo eyes, low voltage wires, controls, and air tubing
- Flexible guiding packages for a variety of applications including fully adjustable single and twin rail, and high side
- Spindle has groove for V-guided belt and optimum performance
- Integrate jack-screw system in tails for belt take up and easy tracking adjustments
- The center drive (optional) allows additional clearance on ends when needed
- The nose bar drive and idler tails (optional) has 1" diameter pulley available for small product transfers
- The Powered Transfer (optional) has 1/2" diameter pulleys for maintaining speed through transfer
- Roller Transfer Plate (optional) for smooth product transfer in minimal added length
- Conveyor is suitable for wipe-down and occasional pressurized liquid spray cleaning up to 100 psi max





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Designed to transport Food & Pharmaceutical product with confidence while keeping operators safe.



Flange Belt Tracking System

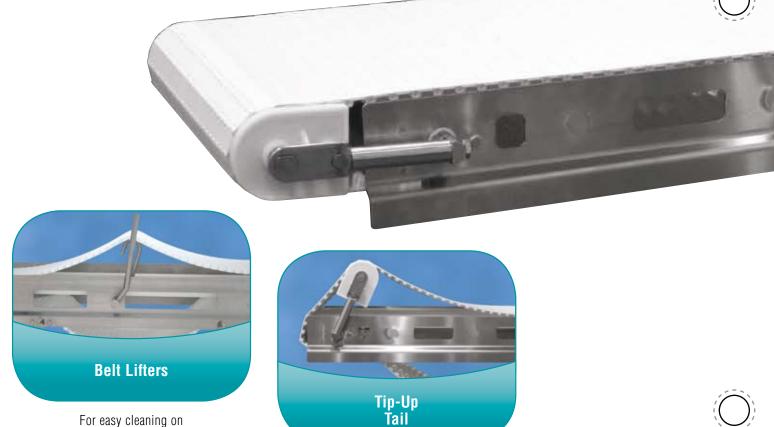
Eliminates sprocket fasteners and keeps pulleys safe & sanitary.

wide or long conveyors.



Alignment Key

Provides continuous sprocket alignment for quick belt assembly.



For quick release of belt tension.

Aqua Pruf 7400 SERIES: STANDARD FEATURE OVERVIEW



Eliminate horizontal surfaces for complete drainage.



Solid UHMW Wear Strips

Quickly removed without tools for cleaning. Most pieces are identical & completely interchangeable.

Stainless Steel Gearmotors located outside food zone.



Improves cleaning and access to pins.

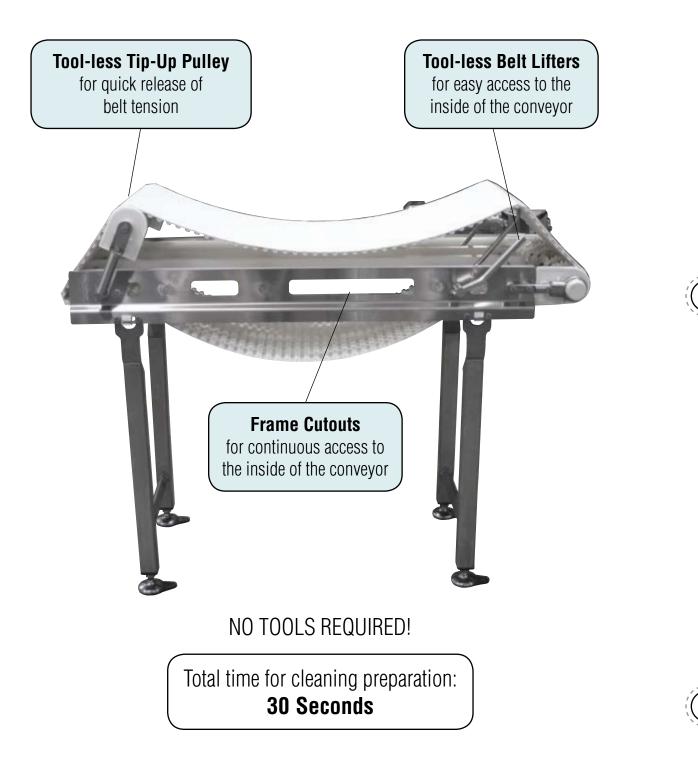


Stainless Steel Welded Frame Construction

Eliminates fasteners in food zone. (Continuous TIG welding)



Fast & Effective Sanitation Options for Daily Cleaning





Fast & Effective Sanitation Options for Complete Dis-Assembly & Cleaning

Fully Assembled

to

Completely Dis-Assembled in Minutes

(23)

Conveyor Cleaning Preparation*

1 Person 3 Minutes Per Section No Problem!



Aqua **Pruf**[®] 7400 SERIES: STRAIGHT & CURVED MODULAR BELT



Specifications:

- Modular Flat, Modular Cleated and Curved Modular Flat Belt 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 60" (1,524 mm)
- Conveyor Lengths: 36" (914 mm) to 999" (25,375 mm)
- Degree of curves: 15° to 180°
 8" and 10" widths available in 30° increments
 12" through 36" widths available in 15° increments
- Maximum of 2 curves per conveyor with up to 240° total degrees of turns (up to 4 curves is possible dependant upon length and degree of curves, consult factory)
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components





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.
- 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.
- 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.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- 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.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



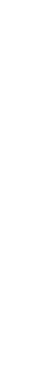


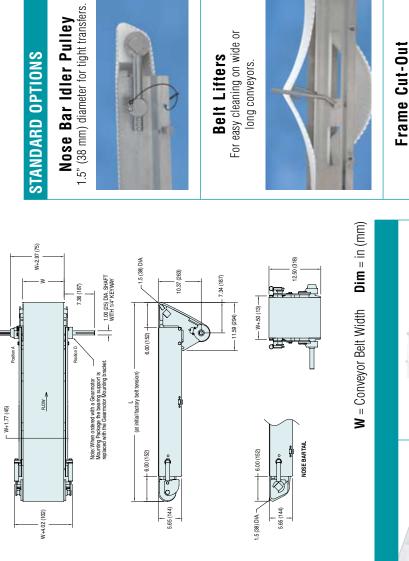
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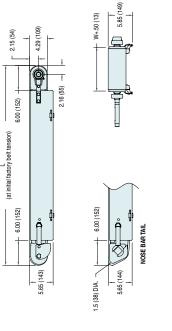












1.00 (25) DIA. SHAFT WITH 1/4" KEY WAY

8.70 (221)

Note: When ordered with a Gearmotor Mounting Package the bearing support is replaced with the Gearmotor Mounting bracket

W+1.77 (45)

FLOW

W+4.02 (102)



Allows access for internal frame washing.



Modular Cleated Belt



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(25)

Aqua **Pruf**[®] 7400 SERIES: z-FRAME MODULAR BELT



Specifications:

- Z-Frame Modular Flat and Cleated Belt models
- Loads up to 20 lbs/square foot of belt (90 kg/m²)*
- Belt speed: 233 ft/min maximum (71 m/min)
- Belt Widths: 6" (152 mm) to 24" (610 mm)
- Section Lengths: 24" (610 mm) to 20' (6.1 m)
- Total Conveyor Lengths up to 40' (12.2 m)
- Z-Frame Modular Flat Belt has 5°, 10°, 15° & 30° Fixed Angle Modules standard *(inclines over 5° require friction insert belting)*
- Z-Frame Modular Cleated Belt has 15°, 30°, 45° & 60° Fixed Angle Modules standard
- Cleat height available in 25 mm & 76 mm
- Wear strip material is UHMW
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components



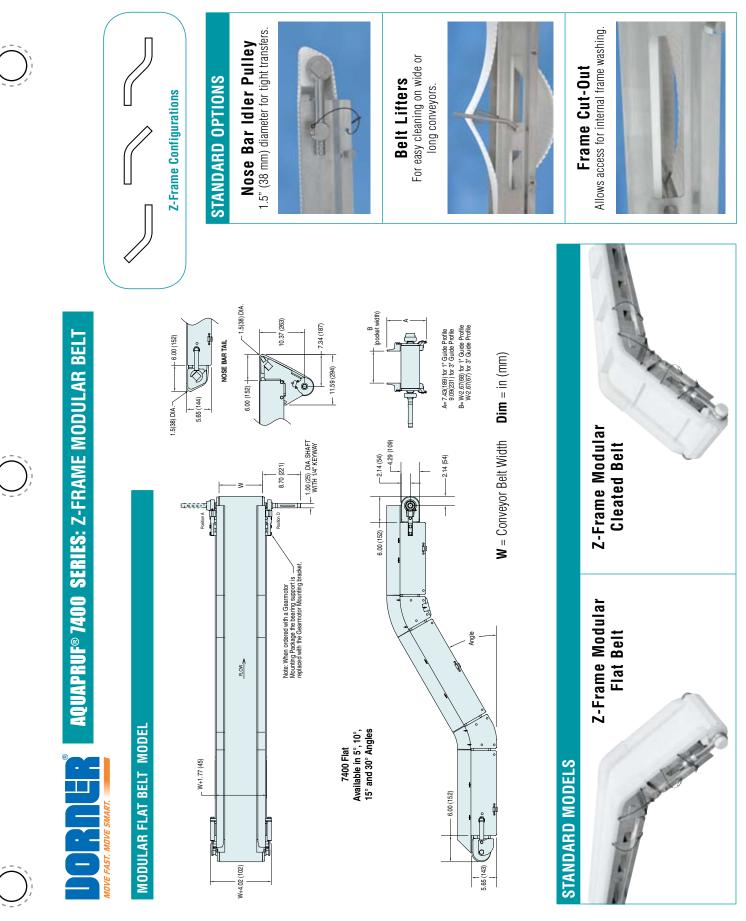


Features & Benefits:

- 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.
- 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.
- 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.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- 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.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.







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(27)

Aqua Pruf[®] 7400 SERIES: ROLLER CONVEYORS



Specifications:

- · Loads up to 20 lbs/roller
- Roller widths: 8", 12", 18", 24", 30", & 36"
- Conveyor lengths: 36" to 120" in 3" increments
- Frame is all welded with round cross members
- Frames outer surface is a #4 finish with 2B on internal components
- Roller centers 3" and 6"
- Standard Hollow Tube roller 1.9" diameter
- Solid Acetal roller 2" diameter
- Hollow Tube rollers are 304 SS hollow tubes with a 2B finish
- Solid Acetal roller ends are located in a UHMW guide bar
- Hollow Tube roller ends are spring loaded 7/16" hex shaft
- Stands are stainless steel tube with adjustable foot and thread guards
- Solid Acetal roller is designed to USDA Red Meat & Poultry standards

Features & Benefits:

- Frame is constructed of continuous TIG welded 304 stainless steel for durability in tough applications
- Integral 1" high side for product containment or low side for maximum flexibility
- Solid Acetal rollers simply lift out of UHMW guide for quick for access to frame during cleaning
- Solid Acetal UHMW guides removable without tools for complete access to frame during cleaning
- Hollow Tube spring loaded roller can be removed quickly for access to frame during cleaning
- Optional welded end stop available for durability

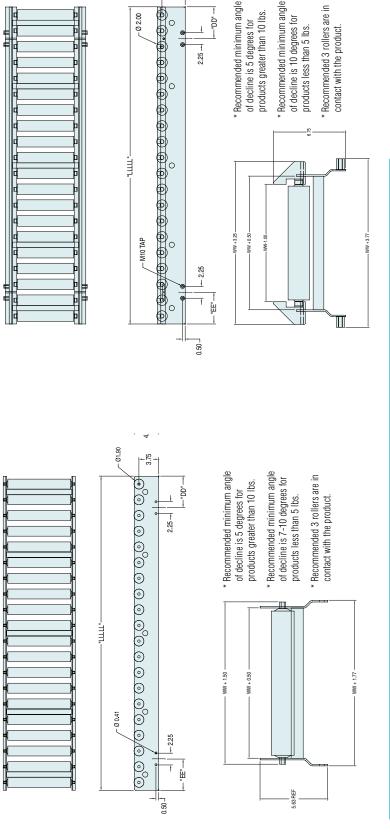


Stainless Steel Gravity Roller: Hollow Tube



Stainless Steel Gravity Roller: Solid Acetal

AQUAPRUF® 7400 SERIES: ROLLER CONVEYORS **NOVE FAST. MOVE SMART.**



4.39

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- Ø 2.00

Solid Acetal Stainless Steel Roller Conveyors **Hollow Tube Stainless Steel Roller Conveyors** STANDARD MODELS

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Designed to transport Food & Pharmaceutical product with confidence while keeping operators safe.



Tip-up Pulley

For quick release of belt tension.



For positive belt tracking.

Nose Bar Transfer Option for small product transfers. Available in: 1/2", 1" and 1 7/8".



Cast On Urethane Lagged Pulley

Ensures a permanent sanitary bond.

Belt Tension System with welded Bearing Support for tensioning and tracking with ACME threads



Aqua **Pruf** 7600 SERIES: STANDARD FEATURE OVERVIEW



Eliminate horizontal surfaces for complete drainage.

1-212/2007



Solid UHMW Wear Strips

Quickly removed without tools for cleaning. Most pieces are identical & completely interchangeable.

Full Range of Sanitary Belting Options

Stainless Steel Gearmotors located outside of food zone.

Center Drive Option* for dual Nose Bar Transfers and increased end clearance. Tool-less disassembly for quick sanitation.



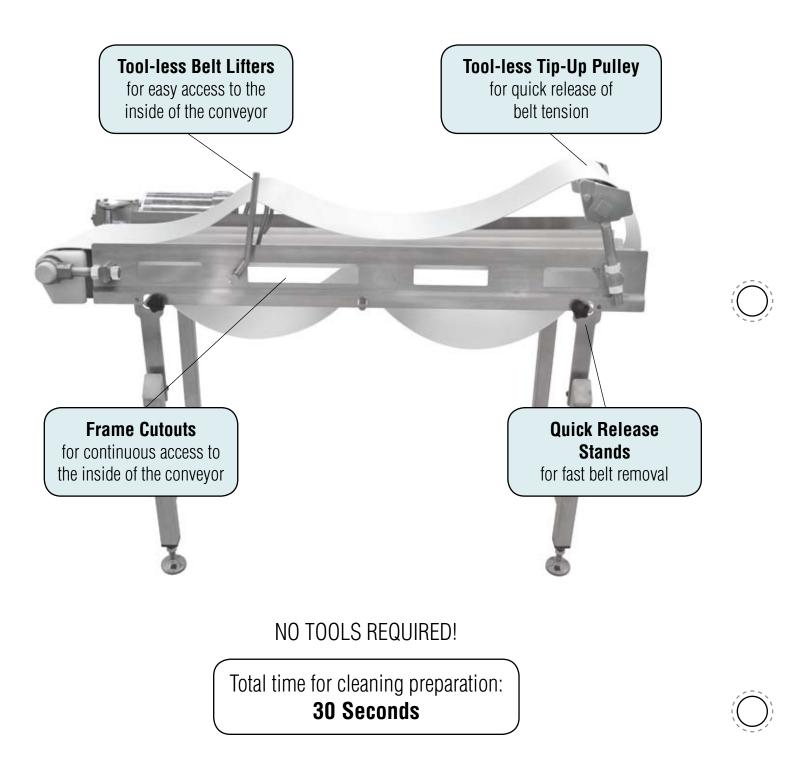
Stainless Steel Welded Frame Construction

Eliminates fasteners in food zone. (Continuous TIG welding)

DORTH



Fast & Effective Sanitation Options for Daily Cleaning





Fast & Effective Sanitation Options for Complete Dis-Assembly & Cleaning

Fully Assembled

to

Completely Dis-Assembled in Minutes

33

Conveyor Cleaning Preparation

1 Person

- **3 Minutes Per Section**
 - No Problem!



Aqua **Pruf**[®] 7600 SERIES: END DRIVE & CENTER DRIVE BELT



Specifications:

- Flat, Cleated Belt End Drive and Flat Belt Center Drive models
- Load: 20 lbs/square foot of belt (90 kg/m²)*
- Belt speed: 328 ft/min maximum (100 m/min)
- Belt Widths: 6" (152 mm) to 60" (1,524 mm)
- Conveyor Lengths: 36" (914 mm) to 40' (12.2 m)
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

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.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Center Drives allow additional clearance on ends when needed. Unique tool-less construction for guarding and back bend rollers.
- Belt tensioning mechanism uses Acme threads for easy cleaning and is externally mounted to the frame with adequate clearances for cleaning.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Return Belt Supports are 4" UHMW Rollers and are easily removed without tools for effective cleaning.
- Drive spindle is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- Nose bar idler ends (optional) are available in 1/2", 1" & 1 7/8" for small product transfers.
- Belt lifters (optional) lift belt from wear strips / bed plate by simply pulling an external lever for fast access and effective cleaning.
- Belt scraper (optional) removes build up and adjusts easily for each application. Features tool-less disassembly/assembly for cleaning of parts.
- Solid bed plate (optional) is stainless steel and locates on UHMW strips for delicate / fragile products.





Provides continuous support for delicate product (dry applications only).



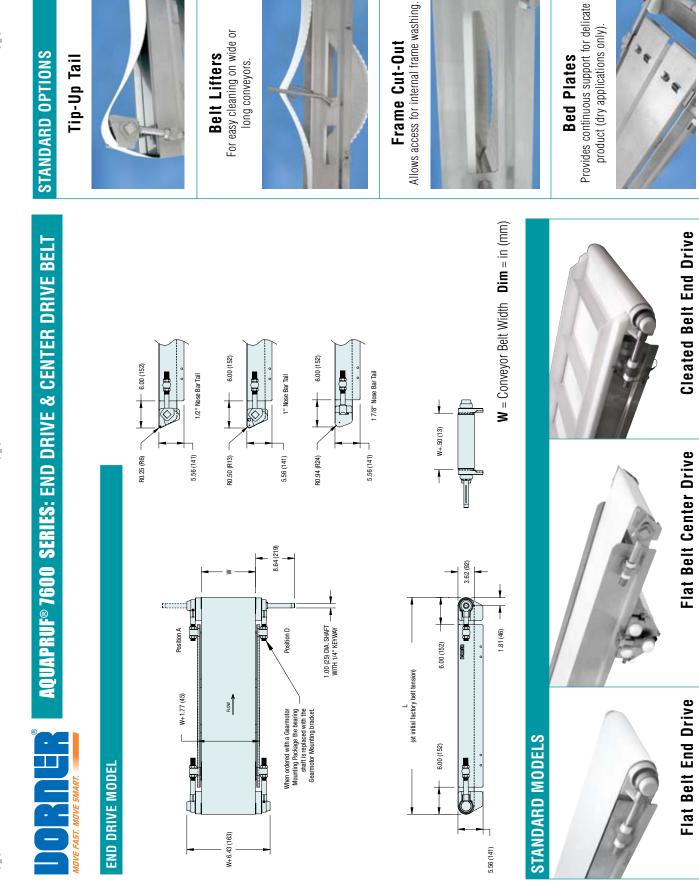
OPTIONAL: Belt Scraper

UHMW blade removes build-up and is easily adjusted.



Tool-less Quick Removal Pulleys





For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Aqua Pruf 7600 SERIES: z-FRAME END DRIVE



Specifications:

- Z-Frame Modular Flat and Cleated Belt 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 24" (610 mm)
- Conveyor Lengths: 24" (610 mm) to 20' (6.1 m)
- Total Conveyor Lengths: up to 40' (12.2 m)
- Z-Frame Modular Flat Belt has 5°, 10° and 15° Fixed Angle Modules standard
- Z-Frame Modular Cleated Belt has 30°, 45° and 60° Fixed Angle Modules standard
- 3.5" (89 mm) diameter drive roller with cast-on Urethane lagging
- UHMW Wear strip bed plate
- Continuous TIG welded 304 stainless steel frame
- #4 Polish on all outside surfaces
- Bearing material is 400 stainless steel
- Bearing lubricant is H1 type FDA lubricant
- FDA approved belting and plastic components

* Conveyor load capacity depends on conveyor size, incline, motor position, accumulated loads and other factors.

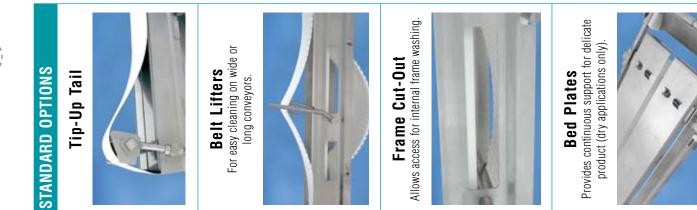
Features & Benefits:

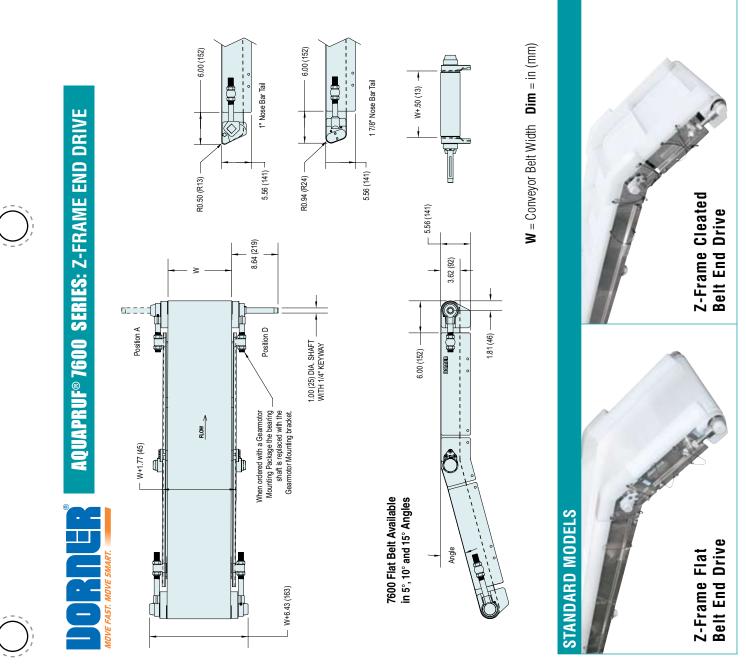
- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together.
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- Solid UHMW wear strips are easily lifted out of the frame without tools to minimize cleaning time.
- Belt tensioning mechanism is externally mounted to the frame with adequate clearances for cleaning. No external threads are used.
- The tool-less tip up pulley allows conveyor end to be lifted easily for quick access to inside of conveyor for cleaning.
- 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 spindle is Cast-On Urethane Lagging for increased load capacity. Spindle has groove for V-guided belts for optimum performance.
- Frame cut-outs (optional) are available to allow spraying the inside of the conveyor without lifting the belt.
- 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.
- Belt lifters (optional) raise the belt from the wear strips by simply pulling an external lever for fast access and effective cleaning.



UHMW blade removes build-up and is easily adjusted.







For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

(37)

Aqua Pruf[®] 7400 ULTIMATE SERIES: MODULAR BELT



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:

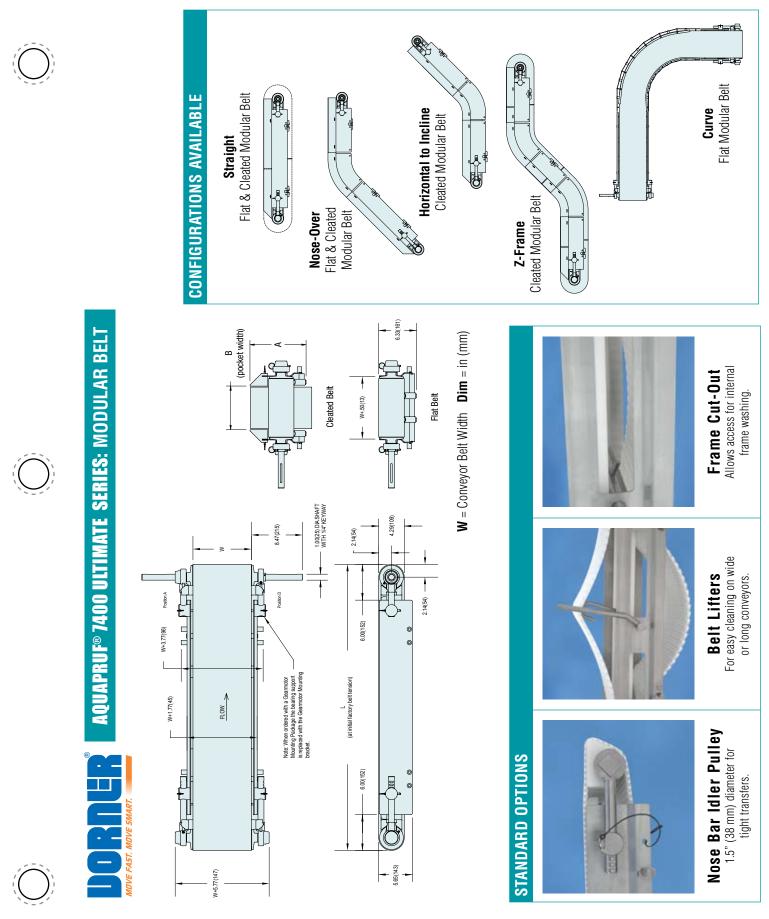
- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together (can be welded together on site).
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- 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.



OPTIONAL: Clean-in-Place Module

Available in Idler Tail





For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

Aqua **Pruf**[®] 7600 ULTIMATE SERIES: POSITIVE DRIVE BELT



Specifications:

- Load: 20 lbs/square foot of belt (90 kg/m²)
- Belt Widths: 6" (152 mm) to 36" (914 mm)
- Lengths: 36" (914 mm) to 40' (12.2 m)
- Belt speed: 233 ft/min maximum (71 m/min)
- Solid urethane belting, includes Belt Scraper
- 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 Accepted Belting
- Meets USDA, NSF & AMI design specifications

Features & Benefits:

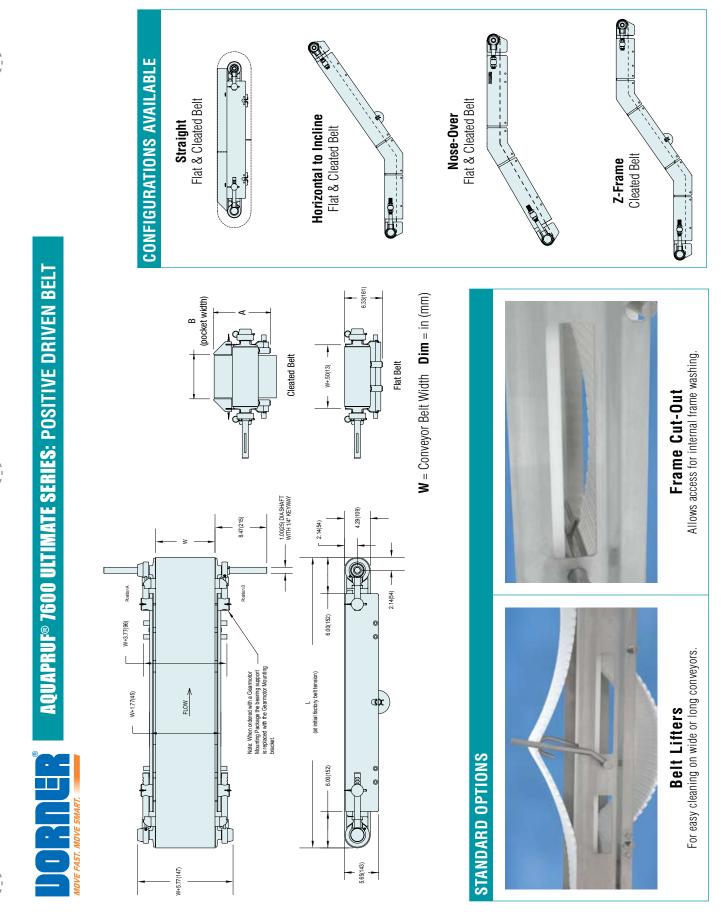
- Frame is designed with no horizontal surfaces for optimum cleaning. Conveyors over 10' (3,048 mm) long consist of multiple sections which are bolted together (can be welded together on site).
- Bearings are mounted in cast stainless steel housings for maximum performance in washdown environments.
- 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.
- Solid Urethane belt is sprocket driven for consistent performance and has no bacteria harboring hinges or pins.
- Open Belt Tracking Flanges and solid UHMW idler pucks create access to pulleys.
- Return Belt Supports are 4" UHMW Rollers and are easily removed without tools for effective cleaning.
- Conveyor is designed to withstand high pressure (100-1,500 psi) spray and chlorinated solutions.
- Drive sprockets are located on a 1.5" square stainless steel shaft without fasteners to provide optimum drive strength and cleanability.
- 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.



UHMW blade removes build-up & is easily adjusted



Positive Drive



For more information, go to www.dorner.com. Call 800.397.8664 or 262.367.7600. Due to the wide variety of drive set ups and applications, point of installation guarding is the responsibility of the end user.

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



42)

BELTING



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 C

Curve Belts

Cleated Belts



GEARMOTORS & MOUNTING PACKAGES

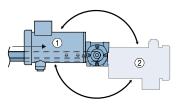
Gearmotors can be mounted to the conveyor with these standard mounting packages. Each package allows several position options and is available in both 90° and Parallel gearmotor configurations allowing you great flexibility. Mounting packages that utilize timing belts and pulleys also provide a wide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



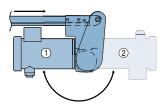
Side mounts couple the conveyor and gearmotor with a flexible coupling or directly. Used for taller parts or where space below the conveyor is limited. 90° Gearmotor Orientations



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

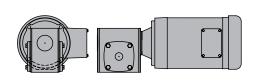


CENTER MOUNTS

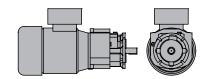


Frees up both ends of conveyor for machine interface and maintenance free belt take-up.

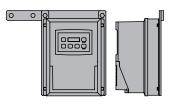
GEARMOTORS & CONTROLS



90° Gearmotors









Variable Speed Controllers

SUPPORT STANDS

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



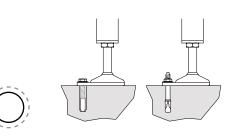


Low Height **Support Stands**

Tall Support Stands



Swivel Locking **Casters**



Sanitary Floor Anchor Kits



Adjustable Angle Support Stands

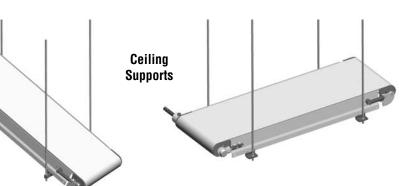


Formed Channel Support Stands





Closed 2" Square Tube Support Stands



POWERED TRANSFER

Features & Benefits

- 1/2" diameter nose rollers for small part transfer
- Adjustable height and distance to main roller for fine tuning the product transfer
- High speed positive drive conveyor belts to ensure consistent speed
- Maintains product speed through transfer for gapping and pacing
- Located at drive and/or idler end of main conveyor
- Compatible with both curve and straight conveyors
- · Compatible with all end drive tails and drive mount packages
- Made of corrosion resistant materials for wipe down or occasional wash down
- Slave driven from main roller for minimal install requirements

Conveyor Specifications:

Conveyor Width: 4" wide to 36" wide in 2" increments

Conveyor Length: Adds less than 8" to conveyor length

Conveyor Speed: Up to 175 ft/min

Slave Drive Speed Options:

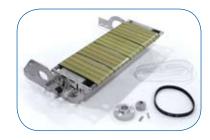
- Same Speed
- Speed Up by 1.6 : 1
- Speed Down by 1.25 : 1

General Specifications

- FDA approved 1/2" diameter self lubricated nose bar bushings
- Positive drive FDA approved urethane belting
- 300 series stainless steel / anodized aluminum construction
- Plated corrosion resistant bearings
- Used on infeed and exit tail
 - For infeed tail : Needs conveyor to be ordered with output shaft tail
 - For exit tail : Needs conveyor to be ordered with dual output shaft tail
- Can be purchased as a conveyor only
 - Does not include mounting brackets or slave drive
 - Includes output shaft only







Reduce Product Loss Space Saving Design Slave Driven



ENGINEERED OPTIONS



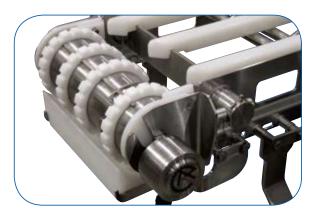
MOTORIZED PULLEY

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

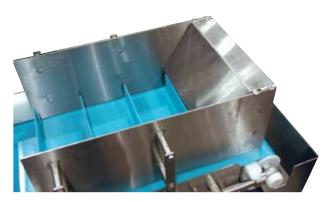
HOPPERS





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



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



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



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

ENGINEERED APPLICATIONS



CEILING MOUNTED CONVEYORS



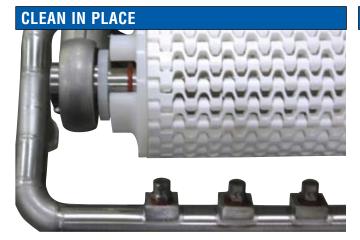
Save floor space by mounting conveyors from the ceiling.

SCRAPER



Removes product build-up and releases product from belt.

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



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



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.



PRODUCT OFFERING

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







Aluminum Extruded Construction

- Belt and modular belt options
- High performance conveying
- Streamlined machine interface
- Small parts transfers
- Efficient use of space

3200 SERIES HEAVY DUTY BELT CONVEYORS

Aluminum Extruded Construction

- Straight, inclined and
- elevating configurations
- High performance conveying
- Main line, long lengths

• Aesthetics

• High temperatures

Accumulation

• iDrive 💷

• Sharp parts

- - 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

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

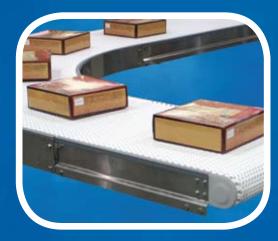
- Straight, curve, incline and decline configurations
- Belt and modular belt options
- Wash-down and sanitary environments

- - - Clean rooms
 - Chemical Resistance
 - USDA, FDA, BISSC

• Rugged environment Part accumulation

Small part transfer









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