

Simple & Clean Stainless
Steel Construction

Multiple Curves,
Inclines & Declines

Industry Best
Product Transfers

High Speed Performance
– Up to 250 FPM



Aqua **Gard**[®] **7100 SERIES CONVEYORS**

The Next Generation in Stainless
Flexible Chain Conveyors!

7100 Series Conveyors are Best for:

- Packaging
 - Bottling
 - Dry Food Processing
 - Secondary Packaging
- Inclines, Declines & Curves
 - Part Handling
 - Transfers
 - Long Lengths
- Elevation Changes
 - Accumulation
 - Buffering

Sizes & Measurements

Chain Width	4 1/2"	7 1/2"	10"	12"
Frame Width	5"	8"	10 1/2"	12 1/2"
Max Part Width	9 1/2"	12 1/2"	15"	17"
Max Length	100ft			

Loads & Speeds

- Loads up to 700 lbs
- Speeds up to 222 fpm

Flexible Chain Types

- Standard
 - Low Friction
 - Friction Insert
 - Roller Top
- Specialty
 - Metal Chain
 - Grip Top Chain
 - Cleated Chain



Low Friction



Friction Insert



Roller Top

Guiding Options



Fully Adjustable



Stainless High Sides

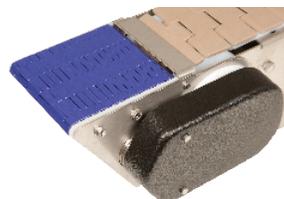
Stands

- Fixed Foot Support Stands
- Stainless Steel, 2B Finish
- Durable Welded 7 ga Construction
- Incline Mount Version for Angled Applications
- Other Options Also Available



Transfers

- Industry-Best Transfers
- Multiple Mounting Configurations



Powered Transfer



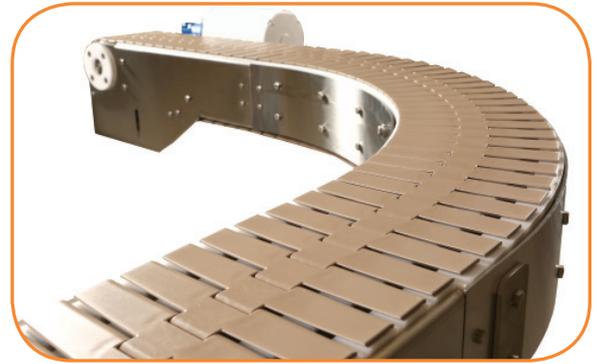
Roller Transfer



Side to Side Transfer

Clean & Innovative Design

- Smooth frame design for ease of cleaning
- Capable of multiple curves as well as inclines and declines on a single conveyor
- Plain bend corners with 24" on centerline radius use FDA approved oil impregnated wear strips
- Inclines and declines available up to 30 degrees
 - Incline angles are integrated into the intermediate modules



Innovative Transfer Options

- Powered Transfers
 - Provides smooth in line transfer of small parts
 - Slave driven off of drive or idler module
 - Transfers parts as small as 3" in diameter
- Standard Tails Side to Side Transfer
 - Side by side drive / idler tail
 - 1" from chain edge to edge
- Side Transfer Modules
 - Intermediate module that brings chain past the frame edge
 - 1/8" from chain edge to edge



Compact Drive Module & Idler Tail

- Idler Tail
 - 12" long
 - Bearings are located inboard
 - Flush design for side transfers
 - Sprocket comes standard for added shaft or powered transfer
- Drive Tail
 - 24" long with a 5" diameter sprocket
 - Catenary belt take-up with sight gauge
 - Motor can be mounted to the side or underneath



Idler Tail



Drive Tail

The Benefits of a Dorner AquaGard 7100 Series Conveyor

Industry Ready

- 300 Series Stainless Steel frame
- All materials are FDA approved plastics and Stainless Steel

Quality Construction

- FDA approved oil impregnated wear strips on curves
- Bolt together construction for modularity and future add-ons

Time Saving

- Dorner's online configurator engineers simple or complex conveyors to meet your needs in minutes
- The industry leading tool delivers a complete 3D CAD assembly model for instant validation of fit
- 7100 Series conveyors are shipped in sub-assemblies for fast and simple installation

At Dorner we make it our mission to provide you with a system that you can depend on to move your product from point A to point B with precision and speed. It's that commitment and history of proven excellence that has made the Dorner Brand a recognized leader in precision conveyors for nearly 50 years. With our complete line of customizable conveyor systems we have the perfect solution for you!



1X Series

The 1X Series Line is designed for small part handling and transfers where space is a premium.

1X Series Family:

- Flat Belt
- Aluminum Frame
- Widths to 10"
- Loads to 15 lbs
- Speeds up to 80 fpm



2X Series

The 2X Series Line is engineered for small to medium sized parts, precision applications and flexible layouts.

2X Series Family:

- Flat Belt
- Cleated Belt
- Modular Belt
- Precision Move - Timing Belt
- SmartFlex® - Flexible Chain
- Aluminum Frame
- Widths to 24"
- Loads to 200 lbs
- Speeds up to 400 fpm
- Curves
- Inclines & Declines



3X Series

The 3X Series Line is designed for medium to heavy sized parts, precision applications, bulk handling and flexible layouts.

3X Series Family:

- Flat Belt
- Cleated Belt
- Modular Belt
- Flexible Chain
- Precision Move - Timing Belt
- Aluminum Frame
- Widths to 60"
- Loads to 1000 lbs
- Speeds up to 600 fpm
- Curves
- Z-Frame Elevators



7X Series

The 7X Series Stainless Steel Line is engineered for small to heavy product requiring various levels of sanitary design and flexible layouts.

7X Series Family:

- AquaPruf® + AquaGuard®
- Flat Belt
- Cleated Belt
- Modular Belt
- Flexible Chain
- Stainless Steel Frame
- Widths to 60"
- Loads to 750 lbs
- Speeds up to 400 fpm
- Curves
- Z-Frame Elevators

NEED SOMETHING DIFFERENT?

DORNER'S **ENGINEERED SOLUTIONS GROUP** PROVIDES EXACTLY WHAT YOU NEED FOR YOUR SPECIFIC APPLICATION. FROM MODIFIED STANDARD CONVEYORS TO COMPLETE CUSTOM DESIGNS.

LOOKING FOR AFTER SALE SUPPORT?

DORNER'S **SERVICES TEAM** PROVIDES COMPLETE SUPPORT FROM REPLACEMENT PARTS TO INSTALLATION AND MAINTENANCE SERVICES.

