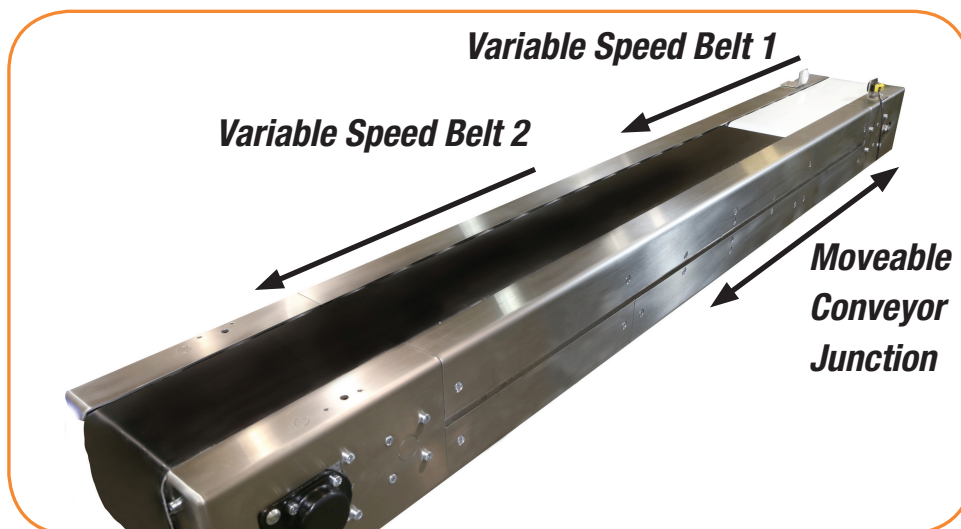


SMARTPACE™

DYNAMIC PACING CONVEYORS

PRODUCT PACING FOR PACKAGING MACHINE INFEED OR OTHER PRODUCT SPACING NEEDS



- Takes randomly spaced products and paces them into even spacing
- Completely non-contact, no guides diverts or plows
- Create even spaced product or alternating batches of product
- Merge multiple lines together without product stops or gates

How it works:

- Randomly spaced product enter the conveyor
- Photoeye detects product spacing
- The servo motor control automatically varies the conveyor speed and conveyor junction placement to generate an evenly spaced product

Performance Specifications

- Up to 200 ft/min belt speed
- Can smoothly transfer parts as short as 3" long
- Multiple FDA approved belting options
- Maintenance free self-tracking conveyor belts
- Available in aluminum or corrosion resistant stainless steel frame

Conveyor Specifications

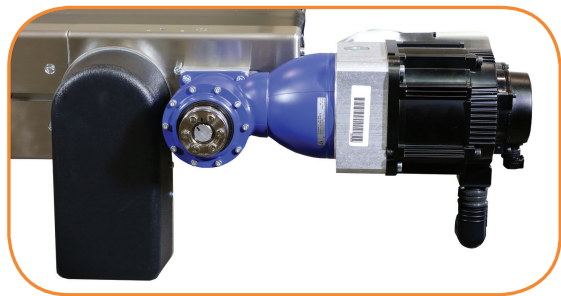
- 4" to 12" wide and 6' long
- 1.25" diameter end transfer rollers
- Motors can be mounted on either side or both sides of conveyor
- (2) independent self tracking belted conveyors
- Movable conveyor junction driven by plastic/stainless steel drive chain
- All bearings are sealed for life



Smooth Product Transfers



HMI Interface Setting, Spacing and Speed



Servo Gearmotor

Servo Gearmotors

(3) Servo gearmotors driving conveyors and transfer location

- (2) Conveyor drive motors = Yaskawa SGMGV-05 Servo Motors with 2:1 timing belt reduction
- (1) Junction drive motor = Yaskawa SGMGV-13 with 4:1 right angle gear reducer

Controls

- Yaskawa MP3200iec Motion Controller
- 230 V, 1 Phase Input (3 Phase, 230 V and 460 V, 50/60 Hz available)
- Stand alone control with HMI interface
- Programmable product spacing and/or patterns
- Built in safety control circuit
- Remote enable and run signals input signals available
- System ready and fault outputs available



Control Box with HMI

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.



2X Series

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



3X Series

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



7X Series

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

DORNER[®]
MOVE FAST. MOVE SMART.

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