

**DORNER**<sup>®</sup>  
MOVE FAST. MOVE SMART.

# 2200 & 2300 Series Modular Belt



# 2200 & 2300 SERIES: MODULAR BELT END DRIVE



## Specifications:

- Loads up to 150 lbs\* (68 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 4" (102 mm), 8" (203 mm), 12" (305 mm), 24" (610 mm)
- Conveyor lengths: 18" (457 mm) to 30' (9,144 mm)
- 1.5" (38 mm) pitch diameter 15 tooth drive pulley turns approximately 4.7" (121 mm) of belt per revolution
- 0.33" (8 mm) micro pitch modular belt
- 12 mm diameter integral drive shaft
- Belt return system is full length UHMW support
- CE models available

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



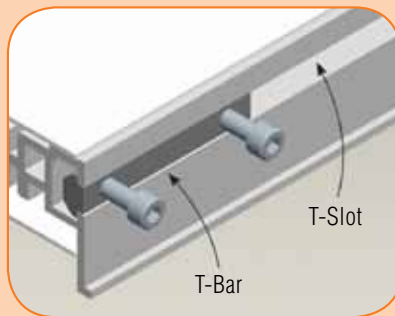
**OPTIONAL:**  
0.31" Nose Bar Transfer

Belt Speed up to 175 ft/min (53.3 m/min).

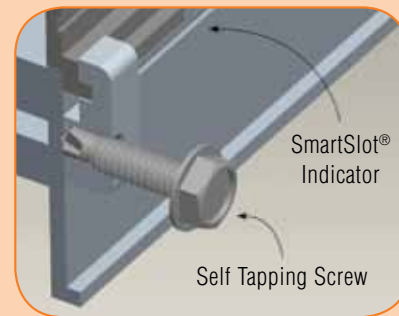
## Features & Benefits:

- 0.33" (8 mm) pitch modular belt for small part handling and smooth operation
- Modular belt features a flat belt surface ideal for inspection and label applications
- Aluminum die cast head plates eliminate painted surfaces
- Sprocket driven belt and side guides provide worry free belt tracking
- Strong, box-like construction resists damaging frame twist
- T-Slots make mounting accessories simple with no drilling or special tools (2200)
- Stand mounting brackets are easily re-positioned along the T-Slot (2200)
- Smartslot® mounting system for attachments feature clean sides (2300)
- Sealed ball bearings

### Two Side Rail Options:



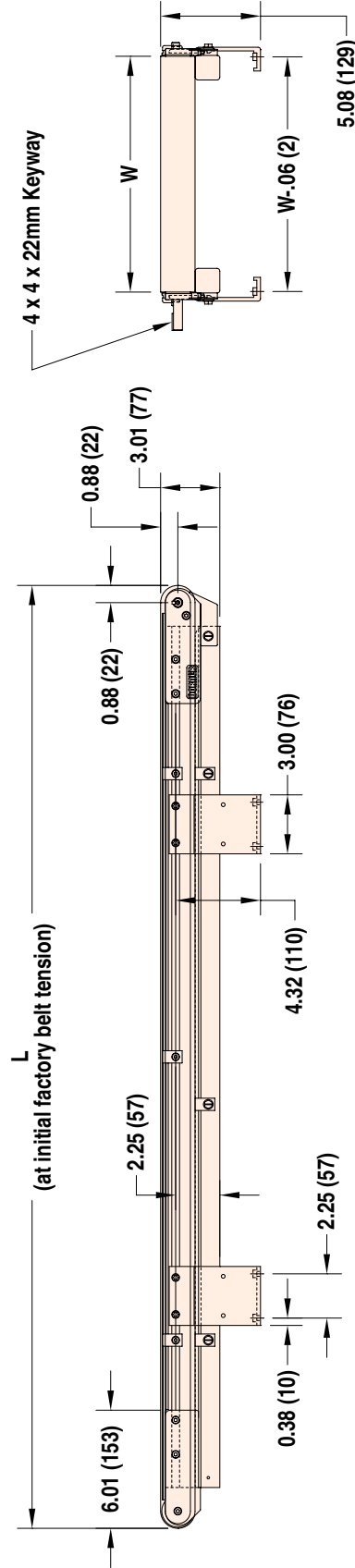
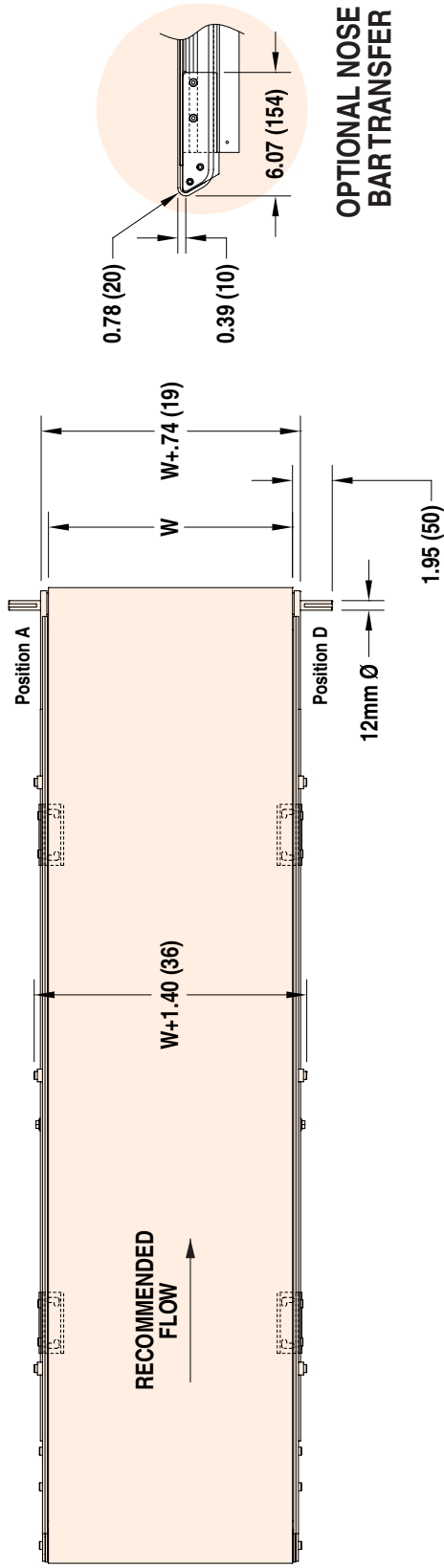
**2200 T-Slot Technology:**  
Drop in T-bar for ease and flexibility in mounting accessories



**2300 SmartSlot® Technology:**  
Functions like a T-Slot without collecting debris



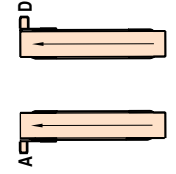
## 2200 & 2300 SERIES: MODULAR BELT END DRIVE



### STANDARD SIZES

Conveyor Width Reference	04	08	12	24
Conveyor Frame Width (W)	4.1" (104mm)	8.1" (206mm)	12.1" (307mm)	24.1" (612mm)
Conveyor Length Reference	0200	0001 increments up to...		3000
Conveyor Length (L)	2' (610mm)	0.1" (3mm) increments up to...		30' (9,144mm)

### DRIVE SHAFT POSITION

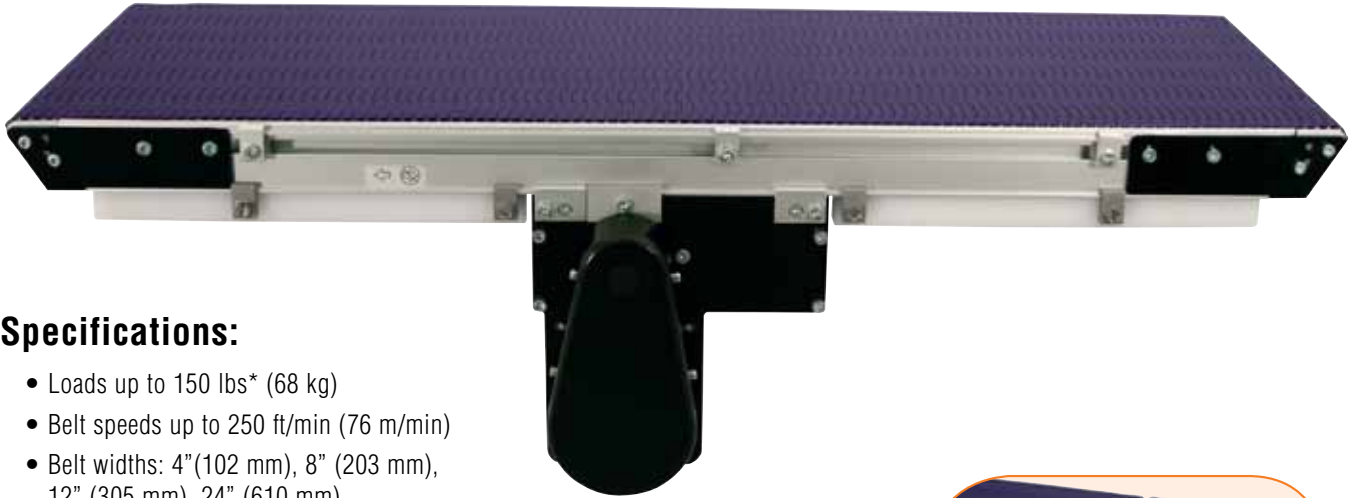


W = Conveyor Belt Width Dim = in (mm)

For more information, go to [www.dorner.com](http://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.

# 2200 & 2300 SERIES: MODULAR BELT MID DRIVE



## Specifications:

- Loads up to 150 lbs\* (68 kg)
- Belt speeds up to 250 ft/min (76 m/min)
- Belt widths: 4" (102 mm), 8" (203 mm), 12" (305 mm), 24" (610 mm)
- Conveyor lengths: 32" (813 mm) to 30' (9,144 mm)
- 1.5" (38 mm) pitch diameter 15 tooth drive pulley turns approximately 4.7" (121 mm) of belt per revolution
- 0.33" (8 mm) micro pitch modular belt
- 12 mm diameter integral drive shaft
- Belt return system is full length UHMW support

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



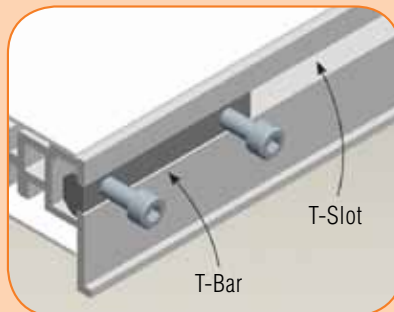
**OPTIONAL:  
0.31" Nose Bar Transfer**

Belt Speed up to 175 ft/min (53.3 m/min).

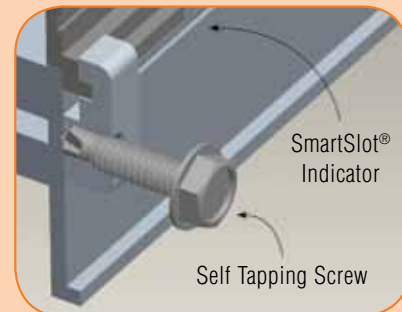
## Features & Benefits:

- Mid mount can be positioned along conveyor frame
- Mid mount frees up both ends of conveyor for operator and machine interface
- 0.33" (8mm) pitch modular belt for small part handling and smooth operation
- Modular belt features a flat belt surface ideal for inspection and label applications
- Sprocket driven belt and side guides provide worry free belt tracking
- Strong, box-like construction resists damaging frame twist
- T-Slots make mounting accessories simple with no drilling or special tools (2200)
- Stand mounting brackets are easily re-positioned along the T-Slot (2200)
- Smartslot® mounting system for attachments feature clean sides (2300)
- Sealed ball bearings

### Two Side Rail Options:



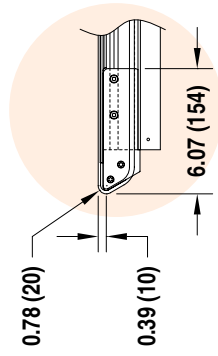
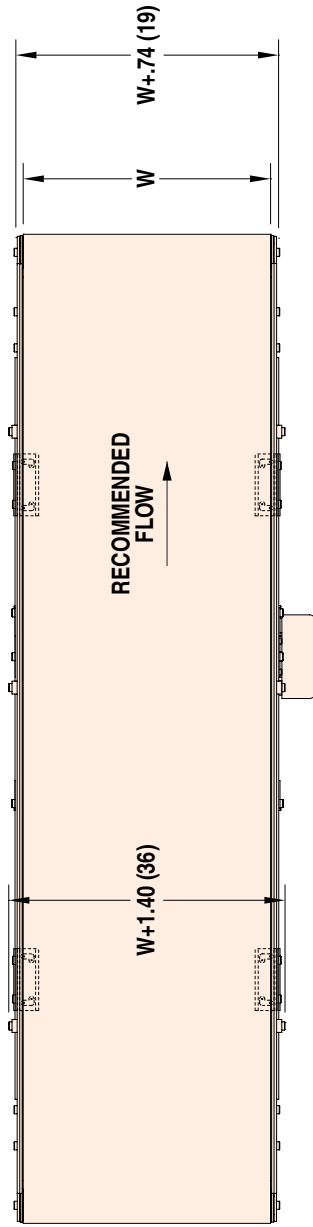
**2200 T-Slot Technology:**  
Drop in T-bar for ease and flexibility in mounting accessories



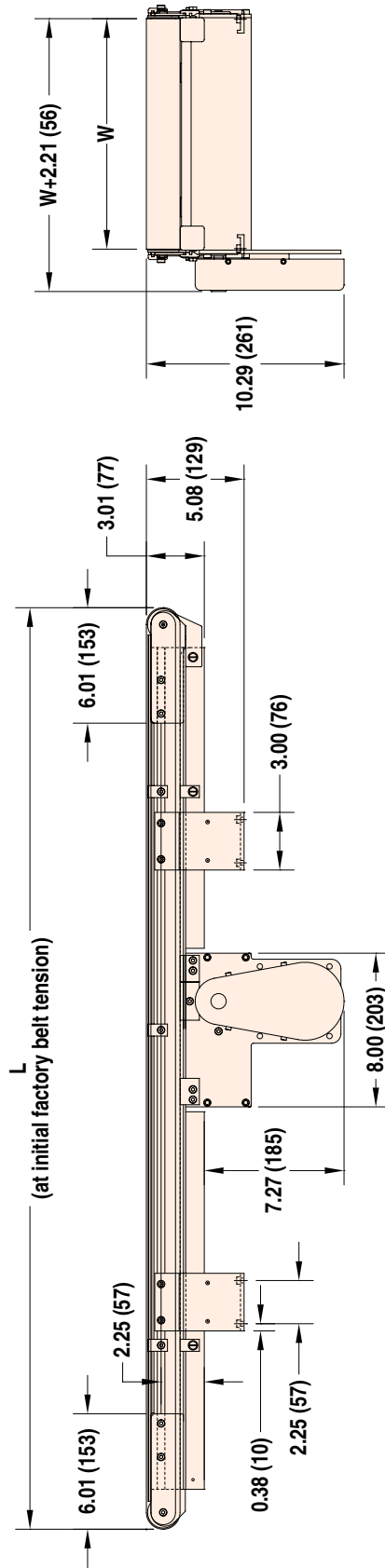
**2300 SmartSlot® Technology:**  
Functions like a T-Slot without collecting debris



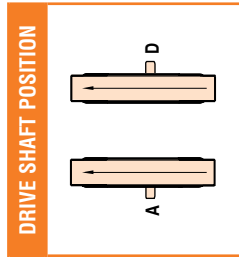
**2200 & 2300 SERIES: MODULAR BELT MID DRIVE**



**OPTIONAL NOSE  
BAR TRANSFER**



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



STANDARD SIZES			
Conveyor Width Reference	04	08	24
Conveyor Frame Width (W)	4.1" (104mm)	8.1" (206mm)	24.1" (612mm)
Conveyor Length Reference	0200	0001 increments up to...	
Conveyor Length (L)	2.67' (813mm)	0.1" (3mm) increments up to...	

For more information, go to [www.dorner.com](http://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.

# 2200 & 2300 SERIES: MODULAR BELT iDRIVE

## Specifications:

- Sealed ball bearings
- Belt widths: 4" (102 mm), 8" (203 mm), 12" (305 mm), 24" (610 mm)
- Conveyor Lengths: 18" (457 mm) to 10' (3,048 mm)
- Belt Speeds: Variable Speed, (4) Speed Options
  - 2 to 20 ft/min (0.6 to 6.1 m/min)
  - 2.8 to 28 ft/min (0.9 to 8.5 m/min)
  - 6 to 69 ft/min (1.8 to 21 m/min)
  - 8 to 82 ft/min (2.4 to 25 m/min)
- Conveyor Load Capacity (non-accumulated, distributed load):
  - 2 to 20 ft/min – Up to 75 lbs (34 kg)
  - 2.8 to 28 ft/min – Up to 65 lbs (29 kg)
  - 6 to 69 ft/min – Up to 45 lbs (20 kg)
  - 8 to 82 ft/min – Up to 25 lbs (11.3 kg)
- Indexing Capable – Up to 30 indexes per minute

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

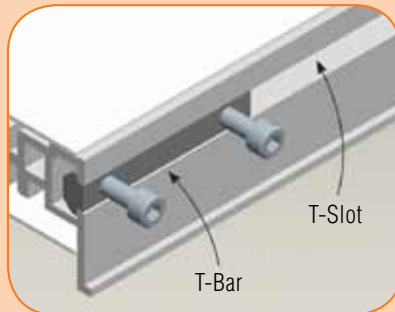


Belt Speed up to 175 ft/min (53.3 m/min).

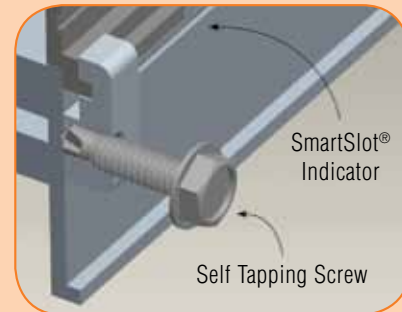
## Features & Benefits:

- Internally mounted gearmotor and control for space savings and tight work spaces
- Reduced integration time required to mount and wire the total conveyor package
- Ideal combination of conveyor and gearmotor sizing for small parts handling
- Variable Speed and reversible for maximum application flexibility
- Control switches conveniently located in high impact protective case
- 1.5" diameter drive roller for smooth product transfer
- 0.33" (8 mm) pitch modular belt for small part handling and smooth operation
- T-Slots make mounting accessories simple with no drilling or special tools (2200)
- Stand mounting brackets are easily re-positioned along the T-Slot (2200)
- Smartslot® mounting system for attachments feature clean sides (2300)
- Maintenance-free brushless DC motor

### Two Side Rail Options:



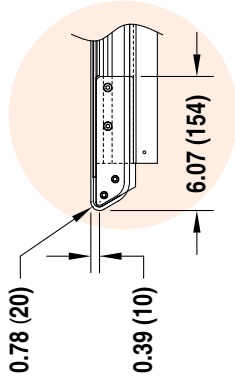
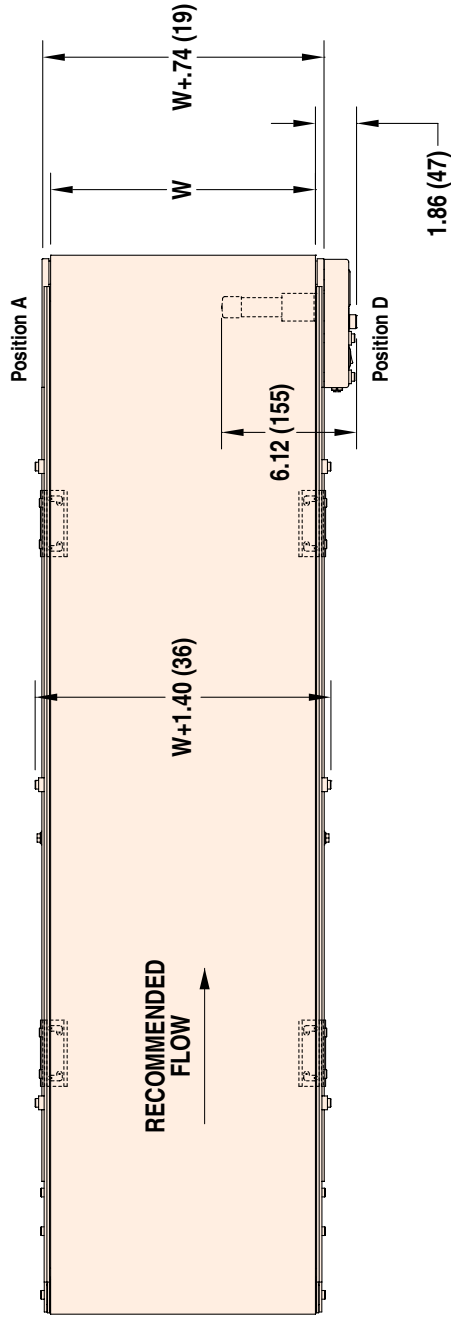
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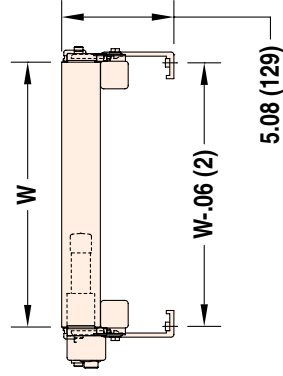
**2300 SmartSlot® Technology:**  
Functions like a T-Slot without collecting debris



**2200 & 2300 SERIES: MODULAR BELT iDRIVE**

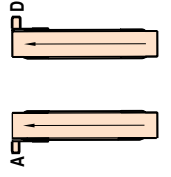


**OPTIONAL NOSE  
BAR TRANSFER**



W = Conveyor Belt Width Dim = in (mm)

**DRIVE SHAFT POSITION**



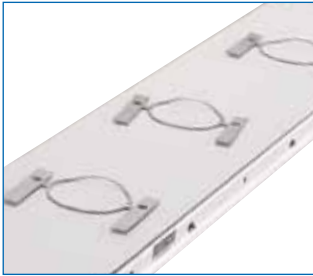
STANDARD SIZES				
Conveyor Width Reference	04	08	12	24
Conveyor Frame Width (W)	4.1" (104mm)	8.1" (206mm)	12.1" (307mm)	24.1" (612mm)
Conveyor Length Reference	0200	0001 increments up to...		1000
Conveyor Length (L)	2' (610mm)	0.1" (3mm) increments up to...		10' (3,048mm)

For more information, go to [www.dorner.com](http://www.dorner.com). Call 800.397.8664 or 262.367.7600.

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# ENGINEERED APPLICATIONS

For more information, visit our website at [www.dorner.com](http://www.dorner.com)



**Magnetic Conveyors**



**Vacuum Conveyors**



**Backlit Conveyors**



**Common Drive Conveyors**



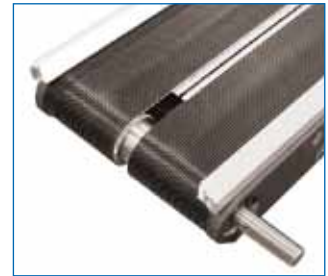
**Lane Guiding**



**Small Bottle Transfers**



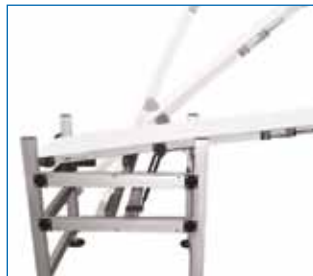
**90° Transfer of Products**



**Multiple Belt Conveyors**



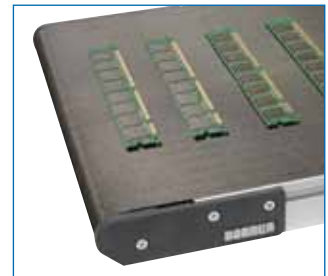
**Indexing**



**Lift Gates**



**Pivot Conveyors**



**Electrically Conductive Belts**



**Counting Products /  
Batching Products**



**Fixtured Conveyors**



**Flush Motor  
Mounting Packages**



**Low Friction Belts  
for Accumulation**



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