Model 104 Slider Belt Conveyor

Model Description:
The Model 104 Slider Bed Belt is designed with the systems approach in mind. The square head and tail end terminals allow you the flexibility to combine this unit with other Titan units to assure a continuous flow of material. The standard 4" deep formed 12-gauge frame allows integration with several other types of conveyors available from Titan. Screw type take-ups and 4" diameter crown face pulleys are some of the standard design features. Modular design allows you the flexibility to add additional sections if required. Your material handling requirements can be solved by the experts at Titan.
The **Model 680 Multi strand chain conveyor** is used to convey products that are not conveyable on a standard roller conveyor. The standard chain is C2060 double pitch with a load capacity of 2,400 lbs. An optional C2080 double pitch chain can be used for loads up to 4,000 lbs. Optional low profile side mounted drive and additional strands of chain can be added to increase load capacities.

### Model 680 Multi-Strand Chain Conveyor

<table>
<thead>
<tr>
<th><strong>Standard</strong></th>
<th><strong>Options</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chain</td>
<td>(2) strands of C2060</td>
</tr>
<tr>
<td>Capacity</td>
<td>2,400 lbs</td>
</tr>
<tr>
<td>Drive</td>
<td>1 HP 230/460/3/60</td>
</tr>
<tr>
<td>Frame</td>
<td>Formed 7 ga.</td>
</tr>
<tr>
<td>Chain Speed</td>
<td>30 F.P.M.</td>
</tr>
</tbody>
</table>

**Optional**
- Drive location, HP, speed, variable speed available, controls, multiple chain strands, paint

**NOTE:** Specifications subject to change without notice
MODEL 680
MULTI-STRAND CHAIN CONVEYOR

SECTION A-A

SECTION B-B

OVERALL LENGTH

INFEED SECTION

DRIVE SECTION

14"

18"

113/32" 8 1/2"

20" MINIMUM W/BOTTOM MOUNT DRIVE

B

STD. IC60 REDUCER

RHODES CONVEYORS
The ultimate in heavy-duty conveying for pallets, skids or drums - the Model 535 is designed to handle extremely heavy loads. The 3 1/2" diameter x .300 wall (schedule 80 pipe) rollers are rated for 2500 lbs. per roller. The rollers use a heavy-duty industrial, grease sealed, 1 1/16" hex bore bearing. The Model 535 is available with either #60 or #80 roll-to-roll chain drives depending on chain pull required. Standard construction is a 6" at #8.2 structural channel frame. This unit is available with either a bottom mount or side mount drive. Supports are structural channel (non-adjustable) with foot pads. Roller centers are 6" for #60 chain drive and 6 1/2" for #80 chain drive.

### MODEL 535 CHAIN DRIVEN LIVE ROLLER CONVEYOR

<table>
<thead>
<tr>
<th>Standard Options</th>
<th>Customer can specify</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Widths</td>
<td>15&quot; to 66&quot;</td>
</tr>
<tr>
<td>Lengths</td>
<td>Per application - 5’ Minimum</td>
</tr>
<tr>
<td>Roller Size</td>
<td>3 1/2&quot; dia. x .300 wall 1-1/16&quot; hex shaft (#2500 roll rating)</td>
</tr>
<tr>
<td>Roller Centers</td>
<td>6”</td>
</tr>
<tr>
<td>Frame</td>
<td>Structural channel</td>
</tr>
<tr>
<td>Drive</td>
<td>3/4 H.P. 230/460/3/60</td>
</tr>
<tr>
<td>Chain Drive</td>
<td>#60</td>
</tr>
<tr>
<td></td>
<td>#80</td>
</tr>
</tbody>
</table>

**OPTIONAL**

Roller Space - Consult factory, Roller Center - Consult Factory, Drive locations: as needed, Galvanized or stainless construction, H. P., Speeds, Variable speed, Controls, Paint, 2 or 3 strand chain transfers, Pallet lifts, "C" Face brake and Fixed end stop, Rollers set low, UHMW sleeves, Galvanized rollers, accumulation sleeves, Knee braces, Air operated blade stop, Supports - 6" @ #8.2 structural channel, Pop-up roller, blade stops, pallet lifts.

**NOTE:** Specifications subject to change without notice
MODEL 535
CHAIN DRIVEN LIVE ROLLER CONVEYOR

STANDARD 10' LG. CONVEYOR SECTION W/#60 CHAIN DRIVE

- ROLLERS SET HIGH
- STANDARD BOTTOM MOUNT DRIVE
- ROLLERS SET LOW
- STANDARD SIDE MOUNT DRIVE

STANDARD 9'-9" LG. CONVEYOR SECTION W/#80 CHAIN DRIVE

- ROLLERS SET HIGH
- STANDARD BOTTOM MOUNT DRIVE
- ROLLERS SET LOW
- STANDARD SIDE MOUNT DRIVE

OPTIONAL ROLLER CENTERS
- 5 5/8" CENTERS
- 6 3/8" CENTERS
- 6 3/4" CENTERS
- 7 1/8" CENTERS

OPTIONAL ROLLER CENTERS
- 7" CENTERS
- 7 1/2" CENTERS
- 8" CENTERS
- 8 1/2" CENTERS

RHODES CONVEYORS
Model Description:
When your plant layout requires a directional change in the smallest possible space of your conveyor system, you should consider using a Titan Powered Turntable. The turntable conveyor can be used for product sortation, accumulation as well as directional changes. The Titan Turntable is available in sizes ranging from 2' diameter to 12' diameter. The standard table top is 7-gauge construction with angle iron supports. The top is driven by either chain and sprockets or air operated cylinder. The unit is furnished with expanded metal guards on all four sides. The unit can be supplied with chain and sprocket drive, air operated for 90 degrees’ rotation or no drive for manual indexing. Tops can be fitted with gravity roller or chain driven live roller conveyor to suit your application.
Model 425

Model 425 Gravity Roller Conveyor Specifications:

Axle: 11/16" Hex
Capacity: 580 lbs
Frame: Formed 7 gauge
Minimum Centers: 3"

Roller Rating: 625 lbs.
Rollers: 2-1/2" Diameter x 11 Gauge
Shaft: 11/16" hex
525 V-Belt

Model MDR Poly V-Belt Motor Driven Roller Conveyor Specifications:

**Bearings:** Grease Sealed

**Chain:** #50 Roll-to-Roll Drive

**Drive:** 24 Volt DC

**Frame:** Formed 7 Gauge

**Paint:** One Coat Industrial Enamel

**Rollers:** 2-1/2" dia. x 11ga. or 2-5/8" dia. x 7 ga. or 1.9" dia. x 16 ga./Spring Loaded 7/16" Hex Shaft

**Speed:** Specify

**Supports:** "H" Type
Model Description:
The Model 525 is designed to handle heavy loads including skids, drums, and pallets. This unit incorporates a number 50 chain with a roll-to-roll drive. The frame is a heavy formed 7 gauge construction with a one piece chain guard. Rollers are 2-1/2" diameter x 11 gauge (580 lb. capacity) centers are 2-13/16", 3-7/16", 4-3/8", 5", 5-15/16" and 10".

Standard floor supports supplied are adjustable for approximately 30" to the top of roller. This model is available in lengths to meet your needs (min length: 4-1/2"). Consult the factory for further details.
The **Model 525 Chain Driven Live Roller conveyor** from RSI, Inc. is designed to handle heavy loads such as pallets, skids or drums. The unit incorporates a number 50 chain with a roll-to-roll drive. The frame is a heavy formed 7 gauge construction with a one piece chain guard. Rollers are 2-1/2" diameter x 11 gauge (**580 lb. capacity**). The standard drive is a 3/4 H.P. for 30 F.P.M. roller speed. A wide range of standard effective widths are available. Standard roller spacings are 2-13/16", 3-7/16", 4-3/8", 5", and 5-15/16". Floor supports are optional. The Model 525 comes in lengths to suit with a minimum length of 4' long.

Consult the factory for further details.

### MODEL 525 CHAIN DRIVEN LIVE ROLLER CONVEYOR SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Widths</td>
<td>13&quot; to 40&quot;</td>
<td>Specify up to 40&quot; E.W.</td>
</tr>
<tr>
<td>Lengths</td>
<td>5’ min.</td>
<td>3’ min., max. based on application</td>
</tr>
<tr>
<td>Roller Size</td>
<td>2 1/2&quot; Dia. x 11 ga. with 11/16&quot; hex shaft - 580 lb. roller cap.</td>
<td></td>
</tr>
<tr>
<td>Roller Center</td>
<td>5&quot;</td>
<td>2-13/16&quot;, 3-7/16&quot;, 4-3/8&quot;, 5-15/16&quot;, 10&quot;</td>
</tr>
<tr>
<td>Frame</td>
<td>Formed 7 ga.</td>
<td></td>
</tr>
<tr>
<td>Drive</td>
<td>3/4 H.P. 230/460/3/60</td>
<td>1, 1-1/2, 2, 3 H.P. 230/460/3/60, severe duty, inverter duty, brake motor</td>
</tr>
<tr>
<td>Chain Drive</td>
<td>#50</td>
<td>#60 available</td>
</tr>
</tbody>
</table>

**OPTIONAL**

Roller Space - Consult factory, Roller Center - Consult Factory, Drive locations: as needed, Galvanized or stainless construction, H. P., Speeds, Variable speed, Controls, Coated rollers, Paint, 2 or 3 strand chain transfers, Pallet lifts, Pallet jack plates for side or end load, "C" Face brake and Fixed end stop, Rollers set low, UHMW sleeves, Accumulation sleeves, Knee braces, Air operated blade stop, Supports - 6" @ #8.2 structural channel,

**NOTE:** Specifications subject to change without notice
MODEL 525
CHAIN DRIVEN LIVE ROLLER CONVEYOR

FIGURE "A"

OVERALL LENGTH

FIGURE "B"

ROLLERS SET LOW

FIGURE "C"

ROLLERS SET HIGH

FIGURE "D"

STANDARD BOTTOM MOUNT DRIVE

FIGURE "E"

STANDARD SIDE MOUNT DRIVE

FIGURE "F"

DOUBLE WIDE CHAIN GUARD
(STANDARD CENTERS - 3 7/16"

FIGURE "G"

DOUBLE DRIVE GUARD
(STANDARD CENTERS - 2 13/16"

RHODES CONVEYORS®
The Series 2100 Flat Top Zero Tangent Radius belt is designed specifically for curved conveyance, free of straight sections, maximizing all available space. The S2100 has a smooth, closed-top surface that can handle a variety of package sizes, types, and configurations, and is able to maintain product orientation and spacing through its curves. Its compact design provides flexibility, simplifying layout design and conveyor installation.

- Patent-pending, symmetric drive design simplifies installation
- Lug-tooth style sprockets and positive drive system provide improved reliability and durability
- Modular belt construction reduces maintenance time and cost

Contact Intralox today for a sample of this new product or for more information.
When your plant layout requires a directional change in the smallest possible space, you should consider using a RSI Powered Turntable. The turntable can be used for product sortation, accumulation as well as directional changes. The RSI Turntable is available in sizes ranging from 2’ diameter to 10’ diameter. The standard table top is 7 gauge construction with angle iron supports. The top is driven by either chain and sprockets or a contact wheel. The unit is furnished with expanded metal guards on all four sides. Roller supports supplied as optional equipment. The unit can be supplied with chain and sprocket drive, air operated for 90° rotation or no drive for manual indexing. Tops can be fitted with gravity roller or chain driven live roller conveyor to suit your application.

NOTE: Specifications subject to change without notice
Designed to handle heavy duty loads such as **pallets, skids and drums**. Heavy duty construction with #50 toll-to-roll drive chain. (#60 chain optional.) Standard rollers are 2 1/2" diameter x #11 gauge or 2 5/8" diameter x #7 gauge. Standard roller centers are 5". Supports are 4" structural with adjustable feet.

### MODEL 525 CHAIN DRIVEN LIVE ROLLER CONVEYOR SPECIFICATIONS

<table>
<thead>
<tr>
<th><strong>Effective Widths</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13” to 40”</td>
<td>Specify up to 72” E.W.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lengths</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5’ min.</td>
<td>3’ min., max. based on application</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Roller Size</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>2” Dia. x 11 ga.</td>
<td>580 lb. roller cap.</td>
<td>2-13/16”, 3-7/16”, 4-3/8”, 5-15/16”, 10”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Roller Center</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5”</td>
<td>2-13/16”, 3-7/16”, 4-3/8”, 5-15/16”, 10”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Frame</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Formed 7 ga.</td>
<td>6” C structural</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Drive</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/4 H.P. 230/460/3/60</td>
<td>1, 1-1/2, 2, 3 H.P. 230/460/3/60, severe duty, inverter duty, brake motor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Chain Drive</strong></th>
<th>Standard</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>#50 roll to roll drive</td>
<td>#60 available</td>
<td></td>
</tr>
</tbody>
</table>

**OPTIONAL**
- Roller Space - Consult factory
- Roller Center - Consult Factory
- Drive locations: as needed
- Galvanized or stainless construction, H. P., Speeds, Variable speed, Controls, Coated rollers, Paint, multi-strand chain transfers, Pallet lifts, Pallet jack plates for side or end load, “C” Face brake and Fixed end stop, Rollers set low, UHMW sleeves, Accumulation sleeves, Knee braces, Air operated blade stop, Supports - 6” @ #8.2 structural channel,

**NOTE**: Specifications subject to change without notice
Chain Driven Live Roller Conveyor with Pop-Up Pallet Lift

Chain Driven Live Roller Conveyor with Pallet Centering device - Pallet Crowder also available

End View

NOTE: Pop-up Travel Chain Approximately $\frac{3}{4}$" above roller

Standard Bottom Mount Drive

Standard Side Mount Drive
POWERED TURNTABLE

Rotation

Optional Roller Approaches

6" Dia.

Optional Siderails Specify Height Required

Expanded Metal Guarding Four Sides

20" Min.