

# Chain Driven Live Roller Conveyor – Designed for Rugged and Reliable Performance

Chain Driven Live Roller conveyors are the cornerstone of unit load conveying systems. The conveyor is driven by separate loops of chain that connect each pair of double sprocket carrier rollers.

This simple, rugged, and reliable design is ideal for transporting pallets, containers, drums, and fixtures. Our modular based design offers easy segmentation of the conveyors into controllable drive zones, accumulation zones, and simple insertion of transfers and other accessory devices.



## Application

### Operation:

Primarily transportation, horizontal, two-way reversible direction of flow.

### Accumulation:

Capable of indexed accumulation or low pressure accumulation with plastic slip sleeves on the rollers.

### Conveyable Products:

Wood, plastic, metal, fiberboard or corrugated pallets, all types of drums, bundled material, containers, fixtures, bulky heavy unit loads.

### Environment:

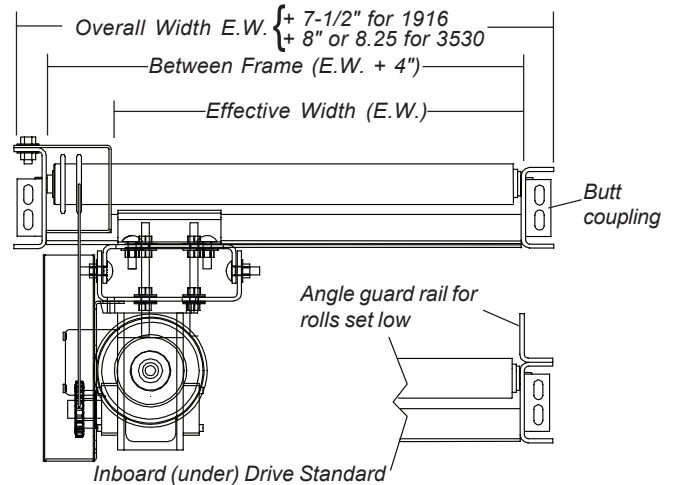
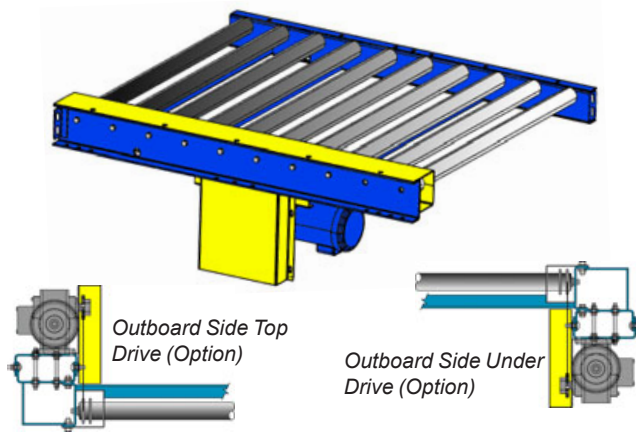
Suitable for oily, dirty, harsh environments.

## Features

- Modular based construction integrates easily with other equipment including: Pallet Accumulators, Gravity Roller Conveyors, Chain Conveyors, and Turntables.
- A wide range of standard widths (conveying surface), roller centers, and roller types are available.
- A wide range of optional equipment and accessory items can be added.
- Load capacities from 500 to 5000 pounds.



# Chain Driven Live Roller Conveyor Specifications



ITEM	MODEL	STANDARD	OPTION
Roller Tube	1916 2511 2607 3530	1.9" Dia. x 16 Gauge Steel 2-1/2" Dia. x 11 Gauge Steel 2-9/16" Dia. x 7 Gauge Steel 3-1/2" Dia. x 5/16" Wall Steel	
Axle	1916 2511-2607 3530	7/16" Hex - Spring Loaded 11/16" Hex-Spring Loaded 1-1/16" Hex-Cotter Pin Retained Bearing	Pin Retained Pin Retained
Bearing Roll Set	All 1916 2511-2607 3530	Sealed & Grease Packed (G) High 1/4" Above Frame High 1/4" Above Frame High 3/8" Above Frame	Semi-Precision (P) Low - Add Angle Guard Rail or Replace Opp. Side Frame Low - Add Angle Guard Rail or Replace Opp. Side Frame Low - Add Angle Guard Rail or Replace Opp. Side Frame
Roll-to-Roll Chain Drive	1916 2511-2607 3530	40A21 40A21 60A19	60A15 60A15, 80A13 on 2607 80A15
Frame - Drive Side	1916 2511-2607 3530	5-1/2" x 2" x 10 Gauge Formed Steel 6-1/4" x 2" x 1/4" Formed Steel 8" x 11.5# Structural Steel	6" x 8.2# Structural Steel with 1/4" Spacer
Frame - Opposite Side	1916 2511-2607  3530	4-1/4" x 2" x 10 Gauge Formed Steel 5" x 2" x 1/4" Formed Steel  6" x 8.2# Structural Steel	5" x 6.7# Structural Steel - For Roll Set Low - 6-1/4" x 2" x 1/4" Formed or 6" x 8.2# Structural Steel with 1/4" Spacer Roll Set Low - 8" x 11.5# Structural Steel
Drive Mounting	All	Inboard (Underside)	Outboard (Side) - Top or Outboard Side Under
Connectors	All	Butt Couplings	
Roller Centers	1916 2511-2607 3530	40A21 Chain: 4", 6" 40A21 Chain: 4", 6" 60A19 Chain: 6", 7-1/2"	60A15: 4-1/2", 6", 7-1/2", 12" or 80A13/2607: 5-1/2" 80A15: 6", 7-1/2", 12" or 60A19: 12"
Overall Width	1916 2511-2607 3530	Effective Width + 8" Effective Width + 8" Effective Width + 8.25"	Effective Width + 7.75"
Effective Width	1916-2511-2607 3530	Widths Between 11" and 95" Widths Between 11" and 95"	
Bed Length	All	Any Roll Increment	
Speed (FPM)	All	30	45, 60, Variable
Horsepower	2511-2607 3530	3/4 1	1, 1-1/2, 2 1-1/2, 2, 3
Motor Voltage	All	230/460VAC, 3Ph/60Hz	Inverter Duty
Top of Roller Elevation	1916 2511-2607 3530	24" To 30 24" To 30" 25" to 31"	18" to 84" In 6" Increments (6" Min. W/Outboard Top Drive) 18" to 84" In 6" Increments (6" Min. W/Outboard Top Drive) 19" to 85" In 6" Increments (9" Min. W/Outboard Top Drive)
Supports	All	6,000 lbs. Capacity	For Other Support Types Consult Factory
Paint	All	Heavy Duty Blue - One Coat Self Priming	Special Color - One Coat or Two Coats
Options	All	Cross-Over: Rt. Hand to Lt. Hand or Lt. Hand to Rt. Hand Plastic Slip Sleeve Over Roller - Model 1911 (1.9" dia. roller) is also available, please contact Webb HDRC	

**For further information and pricing, please contact:**

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**Jervis B. Webb Company**  
MATERIAL HANDLING SYSTEM SPECIALISTS

