

Pallet Accumulation Conveyor – NO IMPACT, Zero Pressure Accumulation of Palletized Loads

The new modular designed Pallet Accumulation Conveyor consists of separate powered zones of chain driven live roller conveyor powered through a mechanical clutch. This allows zero pressure accumulation of heavy, bulky, unitized loads.

The use of individual zones permits loads to advance to the farthest downstream empty zone. The clutch controlled zone allows the individual release of the loads at the discharge end and indexing forward of the accumulated loads. The pallet accumulator delivers no impact, continuous transport of palletized loads.



Application

Operation:

One-way, horizontal direction of flow.

Accumulation:

4' to 5' zones. Each zone controlled by a reliable mechanical spring-wrapped clutch.

Conveyable Products:

Heavy bulky unitized loads, drums, tote pans, containers, loads on any type of pallet as long as the pallet is in good condition.

Environment:

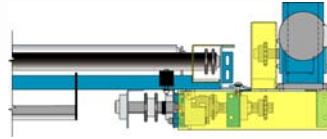
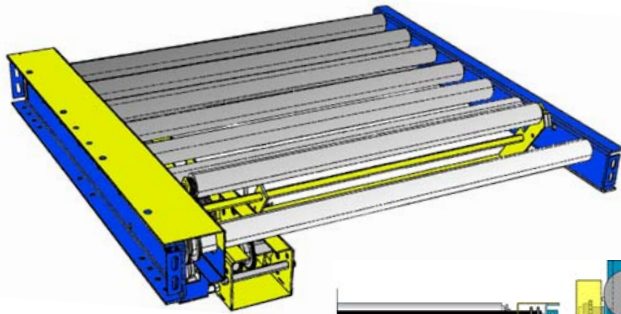
Ideal for warehousing, bulk freight, and manufacturing environments.

Features

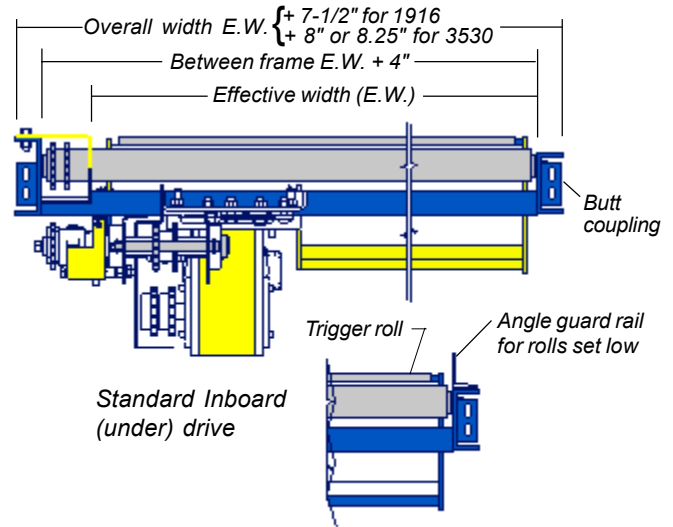
- Modular based construction integrates easily with other equipment including: Chain Driven Live Roller Conveyor, Gravity Conveyor, Chain Conveyor, Turntables, and Chain Transfers.
- A wide range of standard widths (conveying surface), roller centers, and roller types are available.
- A wide range of optional equipment and accessory items can be added.
- Completely enclosed chain drives and pinch points meet applicable safety standards.
- Load capacities from 500 to 5,000 lb. Minimum weight to depress sensor roller is 25 lb.



Pallet Accumulation Conveyor Specifications



Optional Outboard Side Top Drive



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	Pin Retained Pin Retained
Bearing	All	Sealed and Grease Packed (G)	Semi-Precision (P)
Roll Set	1916-2511-2607 3530	High - 1/4" Above Frame High - 3/8" Above Frame	Low - Add Angle Guard Rail or Replace Opposite Side Frame Low - Add Angle Guard Rail or Replace Opp. Side Frame
Roll-To-Roll Drive	1916-2511-2607 3530	40A21 or 60A15 60A19 or 80A15	
FrameDrive 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
FrameOpposite 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	5-1/2" x 2" x 10 Ga. Formed 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 Roll Set Low - 8" x 11.5# Structural Steel
Drive Orientation	All	Right Hand	Left Hand
Drive Style	All	Mechanical Clutch	Solenoid Clutch
Drive Mounting	All	Inboard (Underside)	Outboard (Side) - Top
Connectors	All	Butt Couplings	
Roller Centers	1916-2511-2607 3530	40A21 Chain: 4", 6" 60A19 Chain: 6", 7-1/2"	60A15 Chain: 4-1/2", 6", 7-1/2", 12" 80A15 Chain: 6", 7-1/2", 12" or 60A19 Chain: 12"
Overall Width	1916-2511-2607 3530	Effective Width + 8" Effective Width + 8-1/4"	Effective Width + 7.75"
Effective Width	1916-2511-2607 3530	Widths Between 11" and 95" Widths Between 11" and 95"	
Zone (Bed) Length	1916-2511-2607 3530	4" Roll Centers: 4'-0", 4'-8", 5'-0" 6" Roll Centers: 4'-0", 4'-6", 5'-0" 5'-0" & 10'-0"	Special Lengths In Roller Center Increments Special Lengths In Roller Center Increments
Speed (FPM)	All	30 FPM	45, 60, Variable
Horsepower	1916-2511-2607 3530	1-1/2 HP 2 HP	3/4, 1, 2 1, 1-1/2, 3
Motor Voltage	All	230/460VAC, 3Ph/60Hz	Inverter Duty
Top Of Roller Elevation	1619-2511-2607 3530	18" to 30" 19" to 31"	18" to 84" - 12" Minimum with Outboard Top Drive 18" to 84" - 18" Minimum with Outboard Top Drive
Supports	All	6,000 Pound Capacity	
Paint	All	Heavy-Duty Blue - One Coat Self Priming	Special Color - One Coat or Two Coats
Misc. Accessories	All	Cross-Over: Rt. Hand to Lt. Hand or Lt. Hand to Rt. Hand Dash Pot Discharge - Dash Pot Infeed - Various control opt.	

For further information and pricing, please contact:

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MATERIAL HANDLING SYSTEM SPECIALISTS

