

# CONVEYORS

## Cleated Belt Conveyors

Handle parts up/down an incline with an economical parts conveyor. The parts conveyors can be supplied with different cleat heights and spacing to suit your application. Belt widths can be ordered from 4" wide to 48" wide. Standard belts are PVC, neoprene, white food handling or other optional belt types per your specifications. Portable under-carriages are standard but floor supports can also be supplied.



## Steel Wire Mesh Belt Conveyors

Wire mesh belt conveyors can be used to convey hot, oily, or cold products in cooling, oven or other special spraying and drying conditions. WiscoLift offers either a Roller Bed Deck or Wear Strip Deck to meet your material handling needs.



Addendum



## Motorized Roller Conveyors

The motorized conveyor utilizes a 24 volt DC motorized drive within a roller. Adjacent rollers are slave-driven from it using chains, timing belts, or O-belts. Loads up to 3900 lbs. can be moved with these clean and efficient motorized roller systems.

- Maintenance free
- Lower operating cost
- Plug & play controls
- Lower power consumption
- Reversible
- No awkward motor & gearbox
- Quieter
- Dynamic braking
- Low profile pop-up transfer
- 24v safety
- Variable speed



## Roller Bed Belt Conveyors

Roller Bed Belt Conveyors are designed for transporting heavy loads over long distances with less horsepower than slider bed conveyors.

- Rollers can be mounted on 3", 4" or 6" centers depending on the application
- A heavier roller and large diameter drive pulley can be used when the load or length dictates upgrading the standard unit



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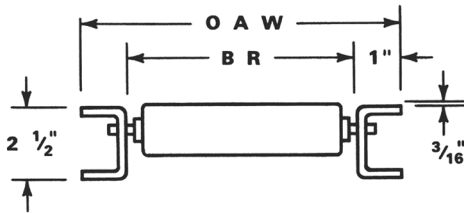
## Gravity Conveyors

### 1-3/8" Roller Conveyor

These 1-3/8" diameter gravity roller conveyors are extremely popular and are a standard in the industry. Ideal for the movement of light-medium weight packages. They are easily portable and can be used as a temporary or a permanent conveyor line. Poly covers available on 3" centers or more.

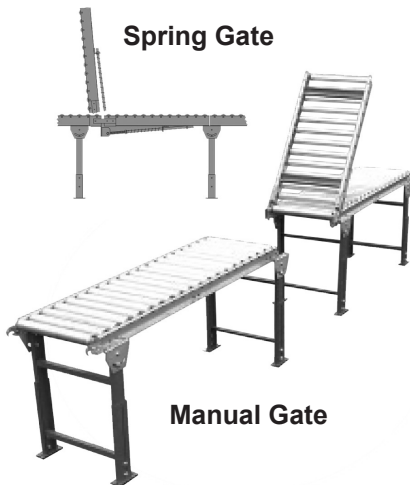


- Rollers: 1-3/8", 18 Ga. Galv./Alum.
- Axles: 1/4" Round, Spring Loaded
- Frame: 2-1/2" x 1" x 1", 12 gauge galvanized or 1/8" aluminum formed channel
- 5 cross braces
- Hook and bolt couplers standard
- Roller Cap. - Steel: 50#, Aluminum: 40#
- 10' frame capacity - Steel: 50#/ft, Aluminum: 30#/ft
- 5' frame capacity - Steel: 200#/ft, Aluminum: 100#/ft



## Gates

Manual or spring assisted gates can be used to provide access to personnel or equipment in other areas of the building. Used with skate wheel or roller conveyors. For special applications, consult WiscoLift.



Spring Gate

Manual Gate

## Accordion Conveyors

### Medium Duty Accordion Wheel Specifications

- Conform to the various shapes necessary for ease of product handling with lengths available up to 60 feet.
- Load capacity up to 226 lbs. per lineal ft when fully extended
- Standard height adjustment: 28" - 44"
- 1 Box stop and 1 set of hook couplers per unit
- Casters: 5" x 1-1/2" swivel with foot brake



### Medium Duty Accordion Roller Specifications

- Designed for packages with flat or irregular bottoms
- Load capacity up to 275 lbs. per lineal ft
- 1-3/8" O.D. galvanized steel rollers on 5-1/4" axle centers
- 28" to 36"
- Box stop, pull handle & couplers standard
- 5" x 1-1/2" swivel/wheel lock casters



### Heavy Duty Accordion Wheel Specifications

- Load capacity up to 275 lbs. per lineal ft. when fully extended
- Double cross braces and double wall inner leg supports
- 7 gauge side links with black epoxy finish
- Standard height adjustment: 28" - 36"

## Zone Accumulation

Accumulation Conveyors are designed to accumulate products and containers into zones without contact, commonly termed Zero Pressure Accumulation or ZPA. Available "Plug & Go" logic makes control easy and reduces cost.



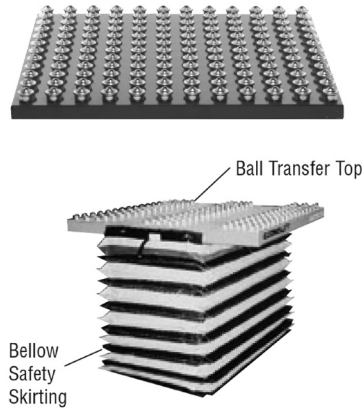
- Zones have individual conventional drives
- Zones are engaged by air clutch from a single drive
- Zones have individual motorized roller drives

# CONVEYORS

## Conveyor Accessories

### Ball Transfer Table

The ball transfer table is ideal for products which must be rotated or positioned from one work station to another. Steel balls are friction-free and easily guide boxes, packages, etc. in any direction. Can be floor mounted or placed on adjustable H-stands for work-height jobs. Three separate ball styles available. Custom sizes optional; stainless steel tables, stainless or nylon ball, etc.



### Tier Stands

Tier stand provides support for multi-level installation of conveyor lines. Two tiers standard with extra tiers available for special applications. Capacity: 2500 lbs. Consult WiscoLift for super heavy duty tier standards.

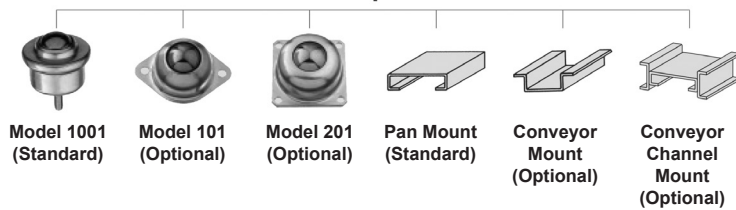


### Mobile Stands

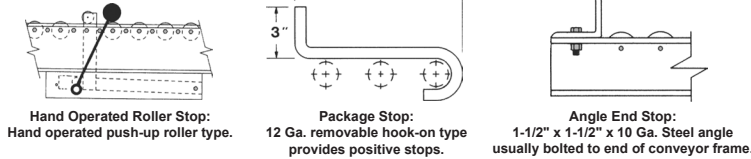
These supports are easily transportable with four double ball bearing swivel casters. Standard with wheel brakes. Can be moved anywhere in your plant. Heights can also be adjusted. Can be used with skate wheel or light duty conveyors.



### Ball Transfer Rails



### Stops



## Custom Controls

WiscoLift can provide control systems for all types of powered conveyors integrating fixed and variable speed controls, a variety of operator controls including pedestals, hand held, foot controls and radio remote controls, warning/status lights and tones, photo eyes and proximity sensors, all with the highest level of safety and versatility. For more information, contact our Sales Representative at 800-242-3477.



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## Specialty Rollers/Covers

### Stainless Steel Roller

Due to differences in bearing hub projections, all rollers must be ordered with a between rail dimension or out to out length on bearings. Precision bearings available on 1.9" and 2.5" rollers.



### White Poly Cover

- Non-marking white polyester
- 1/16" to 1/8" thick
- Available on 3/4", 1-3/8", 1.9", and 2" rollers
- Good product protection



### Rubber Cover

- Black rubber coated roller
- 1.9" O.D. and 1-5/8" I.D.
- 7/16" hex spring loaded axle
- Non-slip surface



### Polyurethane Cover

- Polyurethane roller is softer for better product protection
- 1/8" thick
- Available on 1.9" and 2-1/2" O.D. rollers



## Roller Sizes

Model No	O.D. Tubing In	Finish	Gauge Material	Axle Size In
034-AR	3/4	Alum	20	1/4 rd
034-SR	3/4	Galv	20	1/4 rd
078-SR	7/8	Plain	13	1/4 rd
138-AR	1 3/8	Alum	18	1/4 rd
138-SR	1 3/8	Galv	18	1/4 rd
138-SRM	1 3/8	Galv	18	5/16 hex
158-SSR	1 5/8	Stainless Steel	16	7/16 hex
190-PVC	1.9	PVC	.145	7/16 hex
190-SRL	1.9	Galv	16	1/4 rd
190-SRM	1.9	Galv	16	7/16 hex
190-SRH	1.9	Plain	12	7/16 hex
200-SSR	2	Stainless Steel	16	7/16 hex
200-ARL	2	Alum	16	1/4 rd
200-SRL	2	Galv	16	1/4 rd
200-SRM	2	Galv	16	7/16 hex
200-SRH	2	Plain	12	7/16 hex
250-SRM	2 1/2	Plain	14	7/16 hex
250-SRH	2 1/2	Plain	11	1 1/16 hex
258-SRH	2 3/4	Plain	7	1 1/16 hex
350-SRH	3 1/2	Plain	.216	1 1/16 hex
350-SRM	3 1/2	Plain	10	1 1/16 hex

## Installation, Maintenance and Service

Wiscolift's team of service technicians and electricians are trained in installation and maintenance for all conveyor lines.

Reduce the amount of downtime by selecting our periodic maintenance where we:

- Check that belting is tracked properly and tension is properly adjusted.
- Assess amount of wear on the drive pulley.
- Clear any visible debris around the drive and take-up pulleys.
- Clear any debris around the shaft and drive sprockets of mesh conveyors.
- Check for belt stretching.
- Lubricate all bearings, drive chains and take-up pulleys as necessary.
- Replace any rollers if necessary.
- Additional adjustments or replacement parts as required for proper functioning.



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