



CONVEYCO

(PTY)LTD

PLANNED MOVEMENT

KEEPING YOUR SUPPLY CHAIN ON TRACK

GRAVITY CONVEYORS

Gravity conveyors use gravity to move materials and product from one place to another. These conveyors do not use any form of a drive motor.

The conveyor is usually declined so the product can easily roll over the rollers or the product can be pushed by a person along the conveyor.

A gravity conveyor can use rollers or skatewheels. The rollers or wheels are mounted between frames, held together by frame spacers. Frames can be made from either mild steel, stainless steel or aluminium.

Gravity conveyors are used in a wide range of industries as they are so versatile and cost effective.



Gravity Roller Conveyor

There are many different types of gravity conveyors to choose from.

Advantages of using gravity conveyors:

- Do not require power to work.
- Cost effective
- Simple design but still efficient
- Assist the operator in moving product
- Easy to install
- Easily integrated in existing system
- Can be used as end of the line accumulation conveyors.



Gravity Roller Conveyors

Gravity roller conveyors use rollers (cylinders) on axles to move materials or product down the line. Very little gravitational force is required to make the rollers rotate.

These conveyors are ideal for heavy-duty loads and are more suitable for flat-bottom product.

Roller conveyors force the product to keep its initial orientation when it enters the conveyor all the way to when it exits the conveyor.

Gravity skatewheel conveyors are similar to gravity roller conveyors. Instead of using rollers wheels are used. The advantage of wheels being used is that it is more economic than rollers.

Some wheel conveyors can be expanded and contracted for storage and ease of movement.



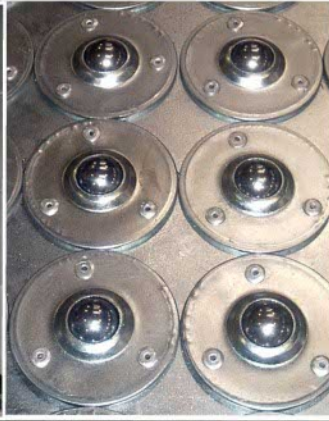
Decline Gravity Roller Conveyor



Skatewheel Merge / Divert Spur



Ball castor units mounted inside a truck



Ball castor table



Spiral Stainless Steel Round Bar Chute



Hingeable Tracks

Pallet Flow Tracks



Pallet Flow Double Tracks



Mobile Expandable Flexible Gravity Roller Conveyor



Mobile Expandable Flexible with side flexing ability

Gravity Roller Conveyor



Mild steel frames powdercoated Toolbox Blue



Clip together hook

Gravity Roller Conveyor



Mild steel frames electrogalvanized



Carton Flow Storage (mini-wheels)



Tilted Presentation Tray



Carton Flow Storage (mini-wheels)

Hinge-up fixed gravity roller conveyor sections mounted inside trucks

- Improves loading & unloading time, especially in the courier industry
- Hinge-up function with spring loaded locking pins allows quick & safe operation
- Design makes for neat storage whilst in transport and takes up minimal space
- Bolted to truck prevents conveyor units from being stolen or "lost"
- Rollers can be made from aluminium or pvc to make conveyor extra light weight if desired



Gravity Roller Conveyor - Stowed Away (Before Loading)



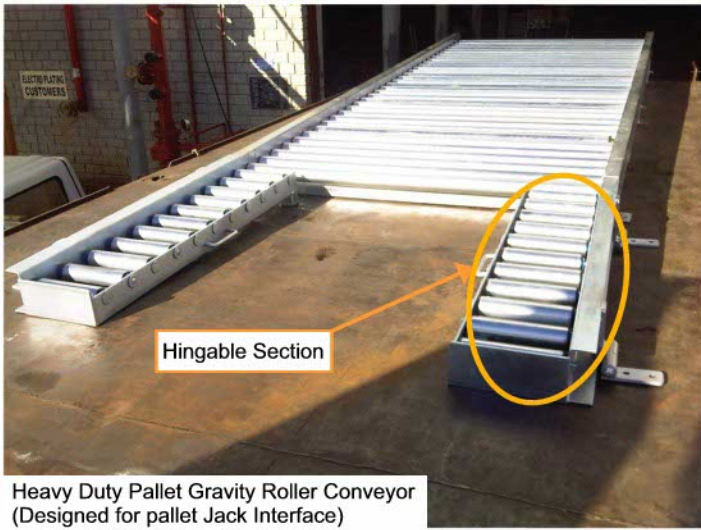
Gravity Roller Conveyor (During Loading)



Gravity Roller Conveyor - Stowed Away (After Loading)



Mobile Telescopic Gravity Roller Conveyor with Multiple Leaves



Hingable Section

Heavy Duty Pallet Gravity Roller Conveyor (Designed for pallet Jack Interface)



Heavy Duty Pallet Gravity Roller Turn Table (Triple Track)



Ø20 Rollers @ 23mm Pitch

Ø30 Rollers @ 33mm Pitch

Ø50.8 Rollers @ 100mm Pitch

Various Roller Pitches Shown

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