

Conveyor Equipment



MHA
PRODUCTS

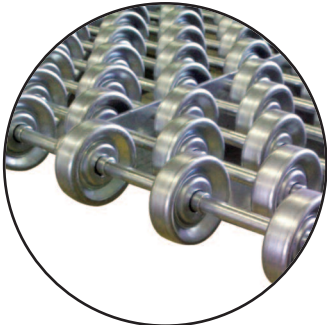
 **1800 750 900**

Expanding Skate Conveyors



- Self tracking flexible expanding conveyor which expands from 1100mm to 4000mm and can be joined to make 1 continuous conveyor system
- Excellent for truck and container unloading and for assembly lines
- Easy and quick setup with adjustable height legs and 125mm brake castors on every leg
- Reduces manual handling
- Bolted steel construction with skate wheels
- Capacity: 100kg per metre
- Length Retracted: 1100mm
- Length Expanded: 4000mm
- Height Range: 690 - 1000mm
- Other widths and lengths available on request

Skate Wheel Conveyor



Code	Description
40125	Skate Wheel Expanding Conveyor - 460mm wide
40129	Skate Wheel Expanding Conveyor - 610mm wide
40130	Skate Wheel Expanding Conveyor - 760mm wide

Other widths and lengths available on request

Other widths and lengths available on request

Expanding Roller Conveyors

- The flexible expanding roller conveyor expands from 1500mm to 4000mm and can be joined to make 1 continuous conveyor system
- The roller conveyor is good for odd shaped cartons and bags of goods which the skate wheel conveyor wont work
- Easy and quick setup with adjustable height legs and 125mm brake castors on every leg
- Reduces manual handling
- Bolted steel construction with steel rollers
- Capacity: 130kg per metre
- Length Retracted: 1500mm
- Length Expanded: 4000mm
- Height Range: 690 - 1000mm
- Other widths and lengths available on request



Expandable and flexible



Code	Description
40123	Expanding Roller Conveyor - 460mm wide
40124	Expanding Roller Conveyor - 610mm wide
40128	Expanding Roller Conveyor - 760mm wide

Other widths and lengths available on request

Stainless Steel Roller Conveyors

- The flexible fully stainless steel expanding roller conveyor expands from 1500mm to 4000mm and can be joined to make 1 continuous conveyor system
- This roller conveyor suitable for food industry
- Easy and quick setup with adjustable height legs and 125mm brake castors on every leg
- Reduces manual handling
- Capacity: 130kg per metre
- Length Retracted: 1500mm
- Length Expanded: 4000mm
- Height Range: 690 - 1000mm
- Other widths and lengths available on request



Code	Description
40140	Stainless Steel Expanding Roller Conveyor - 460mm wide
40141	Stainless Steel Expanding Roller Conveyor - 610mm wide
40142	Stainless Steel Expanding Roller Conveyor - 760mm wide

Other widths and lengths available on request



Electric Expanding Roller Conveyors



- Simply plug in and go, this powered electric roller conveyor is great for carrying boxes and items uphill where gravity may not be achievable
- This conveyor is flexible and expands from 1500mm to 4000mm and can be joined to make 1 continuous powered conveyor system
- Great for loading and unloading containers
- Easy and quick setup with adjustable height legs and 125mm brake castors on every leg
- Quiet operation 240V AC motor with forward and reverse action and adjustable roller speed
- Capacity: 140kg per metre
- Length Retracted: 1500mm
- Length Expanded: 4000mm
- Height Range: 690 - 1000mm

Other widths and lengths available on request

Code	Description
40143	Powered Conveyor - 460mm wide
40144	Powered Conveyor - 610mm wide
40145	Powered Conveyor - 760mm wide

Other widths and lengths available on request

Custom Sized Flexible Conveyors



MHA specializes in conveyor systems for loading and unloading trucks at distribution centres, warehouses, food preparation lines, order fulfilment, manufacturing, and retail stores. The Best/Flex Expandable Conveyor saves time and labour, and increase overall efficiency.

Flexible conveyors can be joined to make one continuous line in packing and production lines and come with plastic or metal skate wheels and plastic, rubber, steel or stainless steel rollers in both gravity and electric operated models.

Our standard conveyor widths are 460mm, 610mm and 760mm however other sizes can be custom made to suit your particular requirements



Great for unloading
containers of small boxes



Speed up your warehouse with our flexible conveyors!

Flexible and Expandable Conveyors

- Extremely versatile
- Flexible conveyor can be packed away when not in use
- Powered or gravity options
- Available in stainless steel
- Height adjustable
- Powered options have variable speed
- Join to make one continuous conveyor system
- Lockable castor wheels on each adjustable leg
- Package end stop comes as standard which can be removed if required or when joining conveyors together



Conveyor Equipment



Extremely versatile for moving goods and parcels around your workplace



Double row
conveyors available



FREECALL 1800 750 900

@ sales@mhaproducts.com.au



www.mhaproducts.com.au

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Roller Conveyor System - Build Your Own System

MHA's full range of gravity conveyors provides the simple solution for moving all types of products in industries such as transport, distribution centres, container unloading & similar.

Roller conveyors are one of the most common types of conveyors applied in conveying flat bottom type products such as cases, boxes, pallets & trays. These kind of conveyors improve efficiency distribution & line links between different stages of production of your product.

STEP 1

Choose roller type.
Choose roller length.
Choose number of rollers.



STEP 2

Choose the matching frame width.
Choose the length of frame.



STEP 3

Choose the matching stands to suit frame.



50mm Rollers to suit straight frames - Poly Rollers

Code	Description	Roller Width	Capacity
CP7401	Poly Roller	300mm	50kg ea
CP7402	Poly Roller	450mm	50kg ea
CP7403	Poly Roller	600mm	50kg ea



50mm Rollers to suit straight frames - Steel Rollers

Code	Description	Roller Width	Capacity
CP7404	Zinc Steel Roller	300mm	110kg ea
CP7405	Zinc Steel Roller	450mm	110kg ea
CP7406	Zinc Steel Roller	600mm	110kg ea



50mm Rollers to suit curved frames - Poly Rollers

Code	Description	Roller Width	Capacity
CP7407	Poly Roller	300mm	50kg ea
CP7408	Poly Roller	450mm	50kg ea
CP7409	Poly Roller	600mm	50kg ea



50mm Rollers to suit curved frames - Steel Rollers

Code	Description	Roller Width	Capacity
CP7410	Zinc Steel Roller	300mm	110kg ea
CP7411	Zinc Steel Roller	450mm	110kg ea
CP7412	Zinc Steel Roller	600mm	110kg ea



Straight Conveyor Frame - Mild Steel Powdercoated

Code	Description	Frame Width	Frame Length	Max Rollers
CP7413	Conveyor Frame	300mm	1500mm	20 per length
CP7414	Conveyor Frame	300mm	3000mm	40 per length
CP7415	Conveyor Frame	450mm	1500mm	20 per length
CP7416	Conveyor Frame	450mm	3000mm	40 per length
CP7417	Conveyor Frame	600mm	1500mm	20 per length
CP7418	Conveyor Frame	600mm	3000mm	40 per length

Minimum Pitch: 75mm

Curved Conveyor Frame - Mild Steel Powdercoated (90 degree bend)

Code	Description	Frame Width	Outside Radius	Min Pitch	Max Rollers
CP7419	Conveyor Frame	300mm	1200mm	75-90mm	22 per length
CP7420	Conveyor Frame	450mm	1200mm	65-95mm	22 per length
CP7421	Conveyor Frame	600mm	1500mm	65-105mm	22 per length



Conveyor Stand - Mild Steel Powdercoated

Code	Description	Suits Frame Width	Height Adjustable
CP7422	Conveyor Stand	300mm	715-1050mm
CP7423	Conveyor Stand	450mm	715-1050mm
CP7424	Conveyor Stand	600mm	715-1050mm



Gravity conveyor apple and fruit sorting warehouse



Gravity conveyor in bike distribution warehouse



Skate Wheel Conveyor Systems

These free rolling conveyors are ideal for moving all types of light packages with flat or semi-flat surfaces (cases, packages, crates etc).

Their free rolling ability is particularly useful where long distances of travel are necessary with a minimum gravity decline.

Wheel conveyors are available in two types, steel wheels for medium-weight handling and nylon wheels for lightweight use. Both systems are interchangeable and offer a choice of widths and lengths.

Wheel conveyors work efficiently with a pitch (or axle spacing) of 75mm or 150mm, depending upon the type of goods to be handled. Wheel positions can be varied to suit individual requirements by adjusting the wheel spacers and by adding or removing wheels as required.

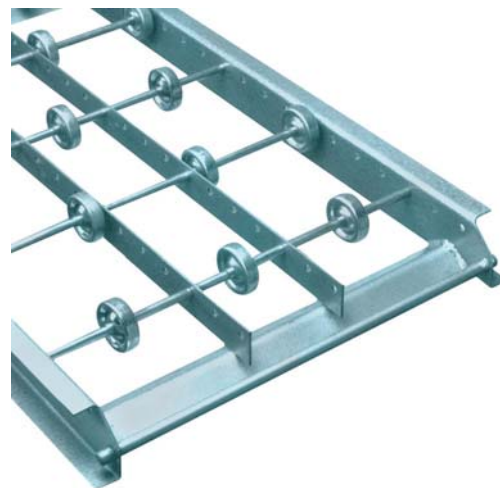
Wheel Conveyor Frame (65x 25x 2.5 channel) Available in both straight and curved sections, the side channel is made from 2.5mm thick material, folded into a 'C' section for strength.

The cross members are made from 2.5mm steel, formed and strategically welded into position to reinforce the section and provide a bed for the rigid support.

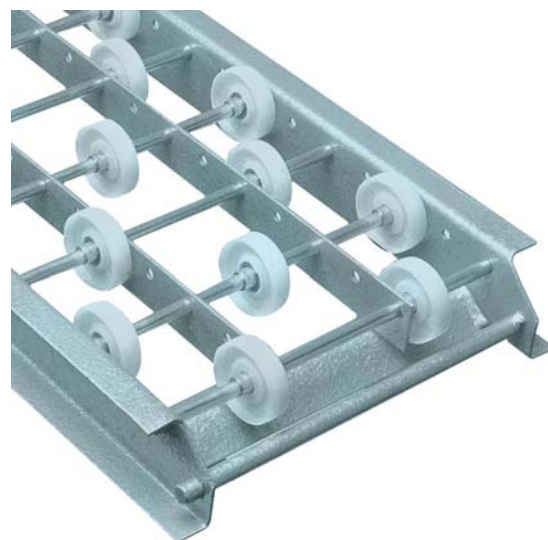
There are standard lengths for straight sections (1500mm and 3000mm) and curves (45 degree and 90 degree). Both are available in standard overall widths of 300mm and 450mm.

Sections interlock to form a positive and secure join between frames, allowing the flexibility to add or reduce sections as required. Straight sections incorporate a bar coupler at one end and a hook coupler at the other. Curved sections have universal couplers at both ends.

Steel wheel conveyor

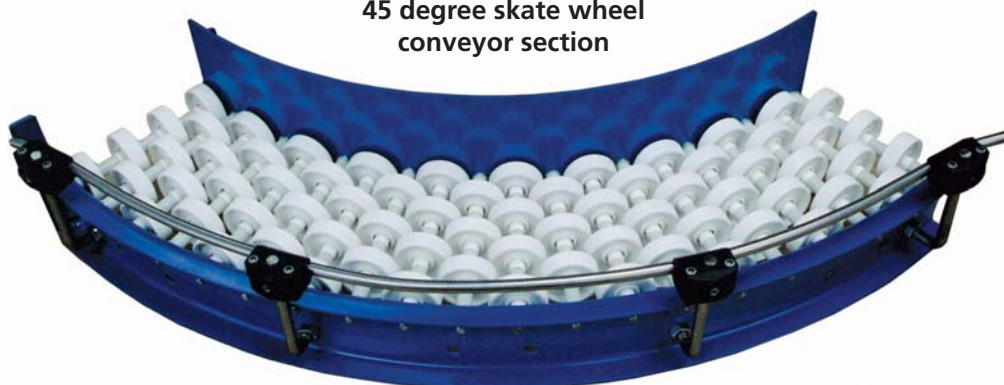


Nylon wheel conveyor



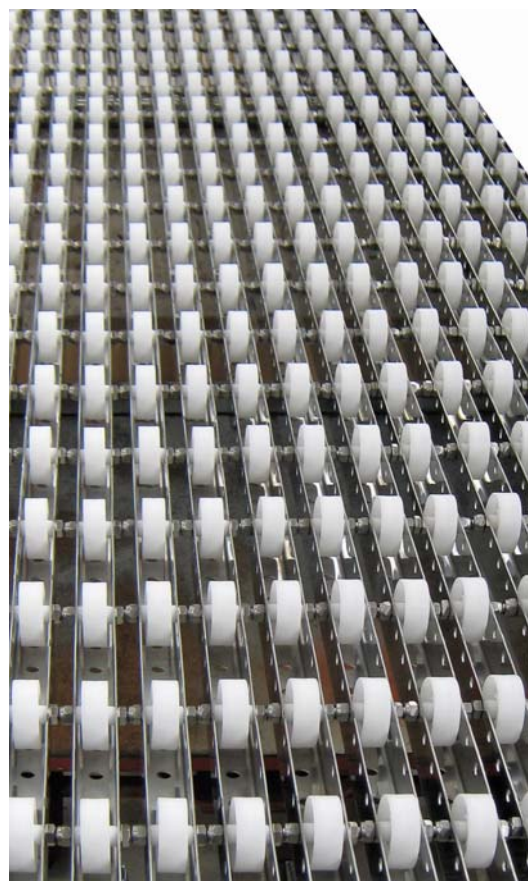
Nylon skate wheel conveyor with stainless steel frames for food hygiene areas

45 degree skate wheel conveyor section





Superfree running skate wheels for empty carton movements



Powered Roller Conveyor Systems

Whether straight transfers, accumulation, around bends or through gates, powered roller conveyor with inbuilt accumulation has been proven in many industrial situations.

The basis of the system is the tough polyurethane belt, which enables each grooved roller to be independently driven from a common line shaft. Simple, yet providing the whole system with reliability and flexibility; plus minimum power consumption due to no loss of energy through skid friction. The only friction point is the long life acetal spools slipping on the line shaft during accumulation.



Powered Gate

The gate allows pedestrians access through conveyor lines. As the gate lifts up, the drive on the gate disengages.



Tapered Rollers

Tapered rollers give accurate powered transfer around bends solving that common trouble spot



Chain Transfer



The chain transfer allows boxes and items to be transferred sideways to another conveyor, packing area etc.

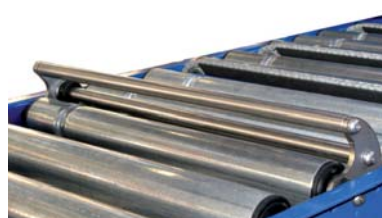
Linebrake

A linebrake allows a series of rollers to lower accumulation pressure, or creates gaps between products.



Rollover Stop

The rollover stop is a physical stop that comes up between the rollers to stop the product. They can be air operated or by a mechanical handle.





Apple conveyor used for apple sorting



Conveyor system for meat packing room

Apple elevator with plastic chain and fully enclosed roller



Powered Belt Conveyor Systems

Belt conveyors are effective in conveying products up an incline or to carry irregular or small products.

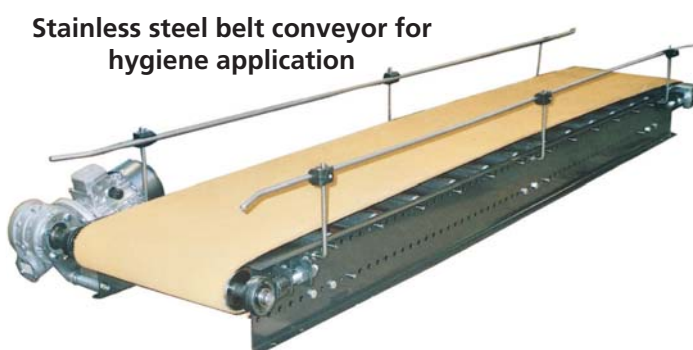
- Speed up production whilst reducing manual effort
- Standard widths 300, 400, 450, 500, 600 or custom width to your requirements.
- Belt type options – smooth or rough top
- Roller or slider belt support options
- Fully adjustable belt tracking system
- Range of guide rail options
- Fixed speed or variable speed drive system
- Easy maintenance geared electric drive
- High quality powdercoat or stainless steel



Belt conveyor in meat processing factory



Portable Belt conveyor in warehouse



Stainless steel belt conveyor for hygiene application



Meat processing belt conveyor system



Easy clean belt conveyor system



Belt and roller conveyor system in distribution warehouse



Belt conveyor system in landscape supplies yard - Used for moving soils from 1 area to another to save tractor travelling

Belt conveyor system is used in construction to move footing dirt to an area that is accessible for a bobcat or tractor



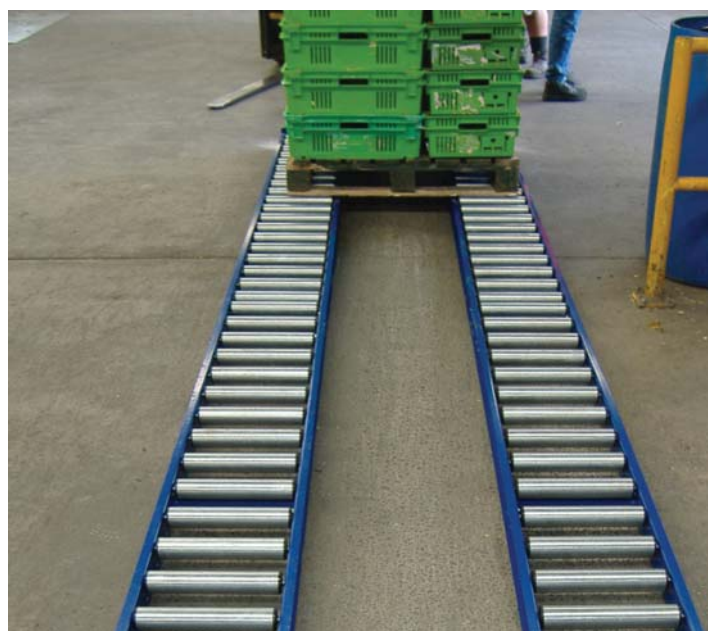
Floor Pallet Conveyors

Pallet conveyors reduce use of forklifts in working areas therefore ensuring the safety of your staff in these areas.

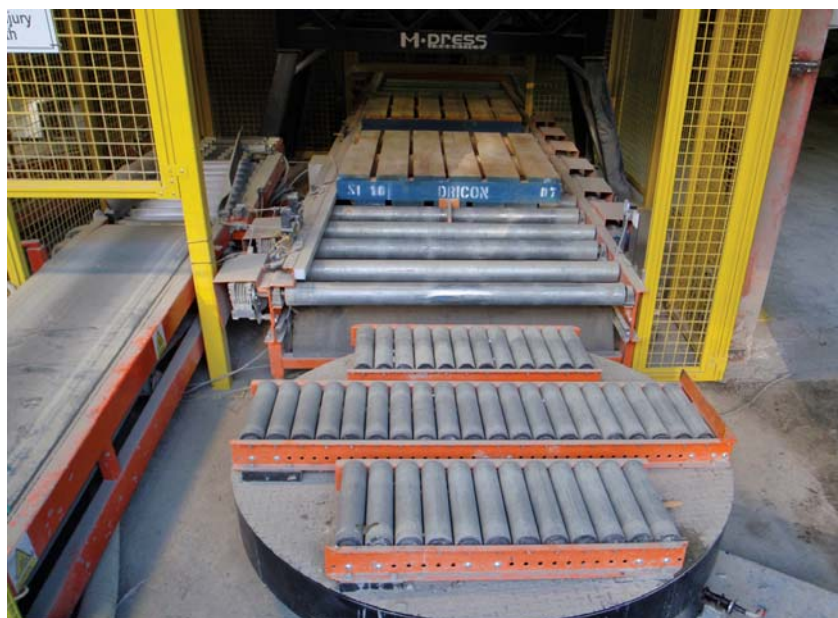
Pallet roller conveyors are designed to handle everything from pallets and drums to work-in-progress containers.

Smooth transportation is provided through the contact between pallet and roller. Guide flanges on the supporting rollers ensure that the pallets do not move sideways on the conveyor.

Our pallet conveyors can be designed to suit a large range of pallets and can be integrated with stretch wrappers, lift tables and other pallet handling equipment.



Pallet conveyor mounted to the warehouse floor to transport pallets from the packing line to the pallet wrapping area



Pallet conveyor for stretch wrapping pallets



Pallet conveyor for IBC containers to transport to filling station

