

APOWERCON

Handling Systems (Pty) Ltd.

Moving your business along our lines

Conveyor specialists with 30 years experience in the field

Manufacturers of:

Gravity roller conveyors
Flat bed conveyors
Troughed belt conveyors
Apron belt conveyors
Pallet handling conveyors
Drum handling conveyors
Powered roller conveyors
Chain / Slat conveyors
Bottle slat conveyors
Stackers and loaders
Inter-floor conveyors
Overhead monorail conveyors
Bulk handling conveyors
Baggage handling conveyors
Extendable conveyors
Casflex conveyors
Special application equipment
Stainless steel / mild steel / aluminium
Factory Automation
Complete turnkey projects



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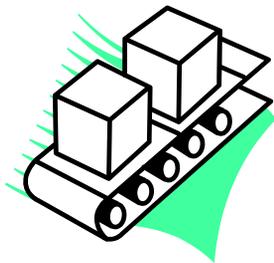
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**BROWSE THROUGH OUR CATALOGUE TO SEE HOW
WE CAN HELP YOU INCREASE PRODUCTIVITY AND
DEVELOP YOUR BUSINESS** ➤ ➤ ➤ ➤ ➤ ➤ ➤ ➤ ➤ ➤

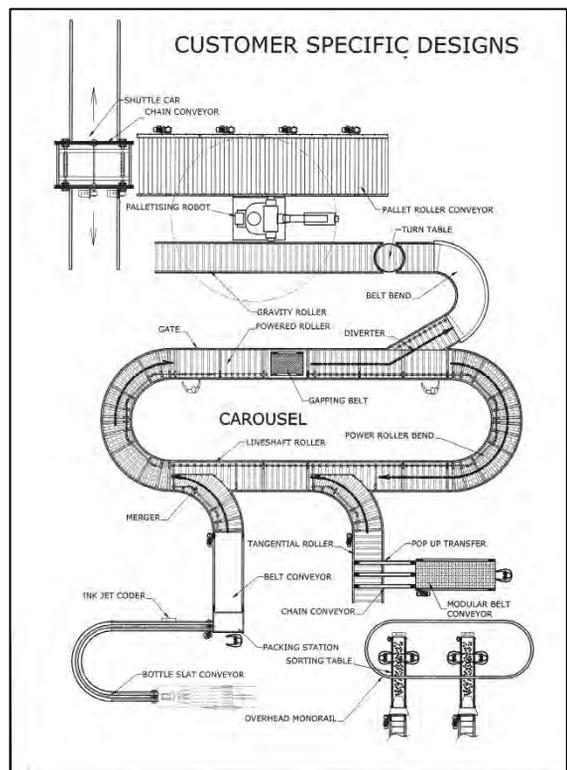
At **POWERCON HANDLING SYSTEMS**, we strive to satisfy our customers by manufacturing and installing **Quality Conveyor Systems**, competing at an international level. We will undertake conveyor projects from the simplest of applications to complete Turnkey Operations and Factory Automation projects. Established in 1982, our track record speaks for itself.

MANUFACTURERS OF:

- Gravity Roller Conveyors**
- Belt Conveyors**
- Chain/Slat Conveyors**
- Bottle Slat Conveyors**
- Stackers and loaders**
- Powered Roller Conveyors**
- Overhead Monorail Conveyors**
- Bulk Handling Conveyors**
- In-Line Checkweighers**

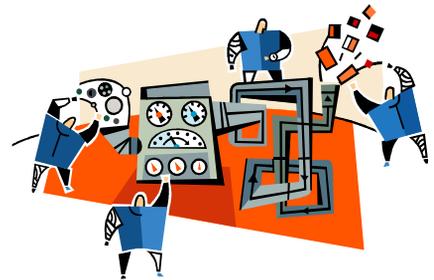


**We also complete
Automation/Turnkey Projects
and build Special Application
Equipment.**



There are a few primary considerations when planning and designing system/organisation requirements:

- Factory layout considering immediate and long-term alterations and additions.
- Conveyor line operation relative to system requirements.
- Factory operation such as single or double shift.
- Volume to be handled and operational speed.
- Nature of the item to be handled, with respect to carrier surface, stability, etc.
- Degree of automation envisaged.
- Space available for the operation.
- Need to retain or change the orientation of the item to the conveyor.



Once all of the above has been considered, a **POWERCON** Engineer can select the correct solution from the wide range of standard and non-standard equipment, to best suit the application.

POWERCON's experience and knowledge are available to help you select the correct methods and equipment to best suit your specific requirements/specifications. **POWERCON** will undertake the design, manufacture and installation of the complete system including the operating controls, giving you peace of mind and reducing the number of contractors required to complete a system.

LINE SHAFT CONVEYORS

POWERCON offers a full range of Line Shaft Conveyors, including straight sections, bends, mergers, "Y" junctions etc. This equipment has its place in the industry, but care should always be used in its application. The line shaft conveyor principle allows for effective merges, continuous drive through curves and limited pressure accumulation, all of which suit the handling and sorting of light boxed units (from 10kg/roller).



Line Shaft conveyors are powered by a common drive shaft, fitted with friction spools, transferring power to the rollers via a polyurethane drive band. Various accessories are also available for this type of equipment. These conveyors are generally cheaper to purchase than tangentially powered conveyors and are easier to install as they are supplied in complete modular sections. This conveyors roller is often used in conjunction with tangentially powered rollers where it isn't possible to use a continuous chain or a jump drive is required.

SPECIFICATIONS

Frames	Mild steel powder coated or stainless steel
Roller Options	38mm, 50mm, 60mm spring loaded
Load Rating	10-70kg per roller
Roller Pitch	As per your requirements/ specifications
Drive	Centrally mounted directly to the drive shaft
Drive Shaft	25mm
Speed	1-30m/min as required

