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

www.Powercon.co.za
Info@powercon.co.za
PO Box 39232, Queensburgh, 4070
25 Downie Crescent, Queensmead Industrial Area, Queensburgh, Durban
KwaZulu Natal, South Africa
Tel: +27 (0) 31 464 6497
Spares Tel: +27 (0) 31 463 2174
Fax: +27 (0) 31 464 3082

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.
MONORAIL CONVEYORS

Monorail conveyors are probably the most versatile conveyor available. Generally used in applications such as powder coating, sand blasting, abattoirs, chicken processing, assembly lines including car assembly lines. The conveyor can also be used to simply move items / parts from point A to point B while utilising the roof space leaving valuable floor space free for machines or manufacturing.

STANDARD FEATURES

- Bi-planer chain allows for direction changes horizontally and vertically.
- Supports can be floor standing or suspended from roof structures.
- Quick and easy installation.
- Multiple drives can be used to manufacture an infinite length.
- Easy to maintain.
- Automatic lubricators available.
- Accessories include a large range of hanger possibilities.
- Optional variable speed drive
- Enclosed chain (certain applications) is extremely safe.

Optional Systems available

<table>
<thead>
<tr>
<th>System</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>S30 (enclosed track)</td>
<td>Up to 25kg per pendant</td>
</tr>
<tr>
<td>Jukyo 45 (enclosed track)</td>
<td>Up to 45kg capacity per pendant</td>
</tr>
<tr>
<td>Jukyo 60 (enclosed track)</td>
<td>Up to 60kg capacity per pendant</td>
</tr>
<tr>
<td>X348 (I-beam system)</td>
<td>Up to 100kg capacity per trolley</td>
</tr>
<tr>
<td>X458 (I-beam system)</td>
<td>Up to 200kg capacity per trolley</td>
</tr>
<tr>
<td>X678 (I-beam system)</td>
<td>Up to 600kg capacity per trolley</td>
</tr>
</tbody>
</table>

Load ratings can be doubled with the use of load distribution bars.