# Product overview

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## Aluminium based systems

- Conveyor system XS
- Conveyor system XL
- Pallet handling components XL
- Conveyor system XM
- Pallet handling components XM
- Conveyor system XH
- Conveyor system XK
- Pallet handling components XK
- Conveyor system XB
- Guide rail components
- Conveyor support components
- Modular pallet conveyor system XT
- Structural system XC
- Structural system XF
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- Hygienic conveyor system Series XMY
- Conveyor system Series XLX
- Conveyor system Series XMX
- Conveyor system Series XHX
- Guide rail components Series X
- Support components Series X

## Stainless steel systems

- Conveyor system Series XLX
- Conveyor system Series XMX
- Conveyor system Series XHX
- Guide rail components Series X
- Support components Series X

## Appendixes

- Appendixes

## Product index

- Product index

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### Patents

Essential parts of the FlexLink product range are protected by patents and design regulations.

Drawings are made to European standards.
About the catalogue

The FlexLink catalogue contains conveyor components and structural system components. The catalogue structure follows the FlexLink product lines in order to simplify search for the right products. The technical information is intended for the main target group: experienced FlexLink users. Basic engineering information is available in other documents and on www.flexlink.com.

Note the Appendix section which includes:
- How to install slide rails
- How to install conveyor chain
- Adjustment of slip clutch
- Materials information
- Conveyor noise level diagrams
- Motors for variable speed drive units.

What’s new

New economic drive units and idlers
The FlexLink XL and XM assortments of drive units now contain cost effective versions optimized for light and medium loads. They have slots in the side plates suitable for attaching accessories based on slot fasteners. The sprocket wheels are connected directly to the motor shaft without any clutch. The direct drive units XL, XM and XH Type HN_P have been modified to the same capacity as the H and H_P versions.

Most drive units with direct drive can now be ordered with variable speed motors. See section APX, appendix F.

Steel chain
A new XM chain (83 mm) with an all steel top part is available, targeted at the mechanical manufacturing industry. The new chain has the standard plastic base part, with the hardened steel top moulded into the base part.

Hardened slide rails
Slide rails in hardened steel are now available not only for XK conveyors but also for XL, XM, and XH.

Improved hygienic conveyor
The XMY hygienic conveyor system has been modified based on field experience and suggestions from customers. With focus on structure rigidity, easy construction, and easier cleaning, several components have been modified. Some new components have also been added. See catalogue section XMY.

Automatically adjustable guide rail system
The new automatic adjustable guiding system provides a very flexible way to add fast width adjustment for conveyors in a production line. See catalogue section GR.
Conveyor systems
The FlexLink conveyor is based on a conveyor beam in aluminium or stainless steel, with low friction slide rails guiding a plastic multi-flexing chain. Products to be conveyed travel directly on the conveyor, or on pallets/carriers. Weights range from a few grams up to 30 kg in many shapes.

Pallet systems
The pallet systems are based on FlexLink conveyors with product carrier sizes from 100x100 mm up to 640x640 mm. Standard solutions like locating stations, diverters and elevators together with our range of linear units, frameworks and enclosures, ensure efficient, high quality installations and systems.

Other FlexLink products

Assembly systems
Our assembly systems for lightweight products, up to 30 kg, cover a wide range from simple product carrier based systems through to highly automated turnkey assembly and test systems.

Automation cells
The automation cells are suitable for all industrial segments. The automation level varies from simple pneumatic pick and place tasks to 6-axis robots, based upon standardized hard- and software modules.

Massflow systems
Complete systems for all stages of the secondary process, including layout, project management, installation, commissioning, training and local service support.

PCB handling
The FlexLink printed circuit board handling platform provides high quality, reliable solutions. These high throughput modules provide transport, product buffering/accumulation, and a full range of handling and routing alternatives.

Tissue handling
Support through the whole paper converting process: conveying, elevating, turning, rejecting, diverting, combining and collating products, from cores via naked tissue to finished packs, bags and bundles.
The automation of your production flow means that you can leverage on the investment in product development, buildings, machinery and operators’ competence.

Today’s manufacturing environment has to cope with instantly changing market demand, frequent product changes, tight cost frames, global competition and minimization of risk.

Assembly and test
The first floor includes automated and manual stations for kitting, assembly, and test. The main hardware is FlexLink DAS, assembly systems, automation cells and a test unit storage.
Component manufacturing
The ground floor includes two sequential lines for component manufacturing, finished product packaging and a final palletizer. FlexLink conveyors serve the machines and include transfer lines, buffers, elevators, lowerators, diverters, and merge stations.

Software and training
The entire plant is supervised by an overall on-line control system which takes care of order handling and production control. The training of operators is facilitated by customized training programs.
Automatic machinery for gear wheels

Inhalator packaging and filling line

Multi-functional wedge conveyor for cosmetic bottles

Chute for quick and efficient lowering

Accumulation area

Highway and satellite concept
FlexLink applications (continued)

Vertical in-line buffer

In-line case elevation

Hygienic filling line

Telecom test station

Printed circuit board assembly line

Production software

Lambda cell application
Portal for simplified engineering and business
Increase your efficiency when planning, purchasing, building, installing, running and servicing automation solutions based on FlexLink products. Our internet portal, e-services, offers in-depth technical information, order and service support and engineering tool updates. Please navigate through the different sections of the site and find out how it can simplify your next automation installation.

Catalogues and other technical information
- FlexLink general catalogue
- Technical bulletins
- Spare parts catalogues
- Technical information regarding drive units and chains.

Engineering guidelines
Basic engineering guidelines and guidelines regarding specific applications.

Engineering tools
- Web based configurator for
  - Conveyor supports
  - Drive units
  - Standard conveyors
  - Pallet handling products
- Tools for calculation of chain tensions
- CAD blocks

Order online
- Quick entry: search until you get a correct item number
- Enter order directly from catalogue
- Import a product list generated from your e-procurement system
- Copy an old order
- Retrieve order drafts
- Configure modules
- Order change

Logistic information
- Price and availability
- General information about our transport services.

Queries
- Track registered orders and shipped orders. For the shipped orders there is also a connection to the transport forwarders’ track/tracing website.

Helpdesk
Fill in a form to get in contact with the customer support team.

Register now
Register now for your access at www.flexlink.com under the e-services heading.