

CEMSAN[®]

conveyor & handling systems



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- ◆ AUTOMATION AND HANDLING SYSTEMS ◆
- ◆ SORTING AUTOMATION ◆
- ◆ OUR PRODUCTS ◆
- ◆ CONVEYOR SYSTEMS ◆
- ◆ MULTIRAIL OVERHEAD CONVEYORS ◆

www.cemsan.net
info@cemsan.net

CEMSAN[®]

conveyor & handling systems

With 35 years of industry experience, we design interior automation and conveyor systems. We manufacture systems for product loading, product unloading and transportation between production areas, operational sequencing of heavy loads in shipping areas, reducing costs in industrial packaging facilities and for use in long-distance in-plant transfers.

In addition to sorting automation, our professional team produces state-of-the-art software used in production lines and storage departments; We increase efficiency and productivity with our sorting and transition systems on production lines.

Regardless of the sector, companies that need indoor transportation minimize time losses with our solutions, while making their costs the most appropriate and lowest, we always provide maximum production, efficiency and storage to our customers with our state-of-the-art handling systems.

With our quality control systems, we integrate mechanisms that ensure that non-conforming products are taken out of the system, and we manage metal detection, weight and size inconsistencies with detectors integrated into the conveyor and sensitive sensors. We carry out special works depending on customer needs by making custom designs with modern techniques in the light of information about the product to be transported and environmental conditions, with on-site facility explorations.

EAC
CE



www.cemsan.net
info@cemsan.net
T: +90 312 815 13 28

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CE



www.cemsan.net
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T: +90 312 815 13 28





HANDLING SYSTEMS

BOX HANDLING

Conveyors used in handling systems are mostly used for product loading, product unloading and transportation between production areas.

It can be produced in various widths according to the size of the parcel to be transported. It can be designed in any length and in different alignments on project basis.



HANDLING SYSTEMS



PALLET HANDLING

Conveyors used in pallet handling systems are generally conveyors designed for heavy load transportation. Operational alignment of heavy loads is provided in the shipping areas.

The flat conveyors and rotating tables used in the system ensure that heavy pallets are stretched and ready for shipment.





HANDLING SYSTEMS

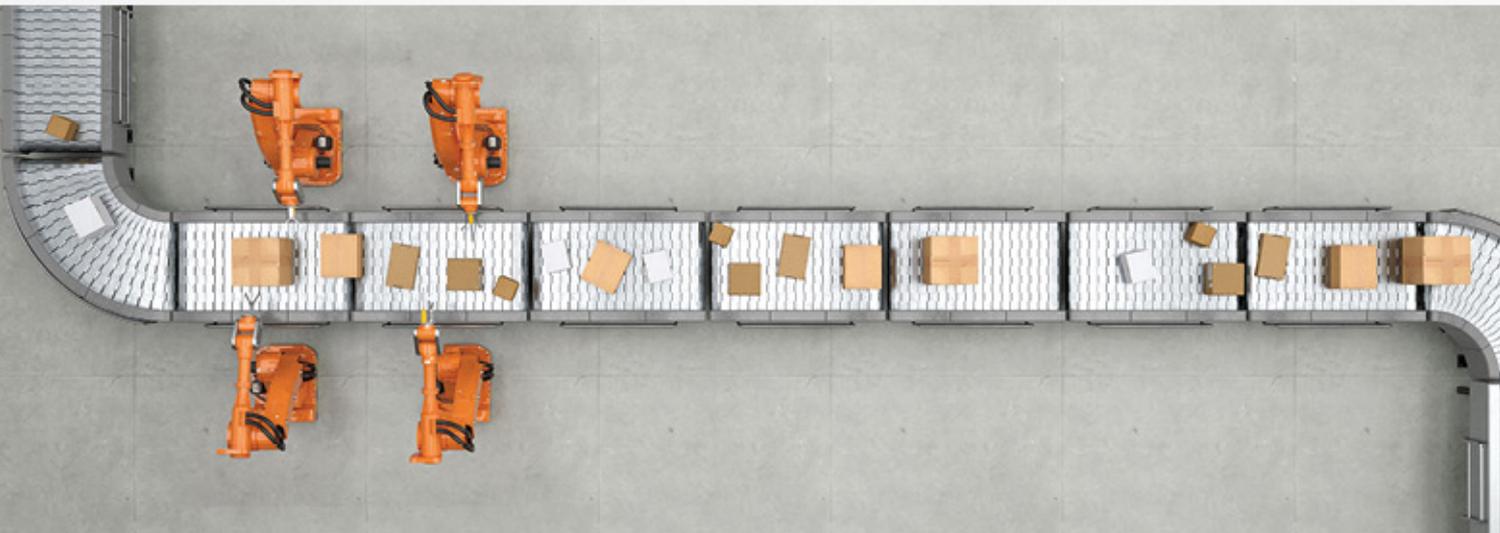
PACKAGE HANDLING



Conveyors used in package transport systems are conveyors that have the transfer feature from the product exit to before the shrink.

The width and length dimensions of the conveyors are determined based on the capacity as a result of the project analysis.

It is the most suitable choice for reducing costs in industrial packaging facilities and for long distance (in-plant) transfer.



HANDLING SYSTEMS



PRODUCT HANDLING

Conveyors in product transport systems are transfer systems which are used in the production phases.

Product transport conveyors, which are generally used in bulk transport and filling facilities, are designed and manufactured according to production lines.

Conveyor types are selected completely according to the structure, type and weight of the product to be transported.



HANDLING SYSTEMS

BASKET HANDLING



FAST & EFFICIENT AISI 304 STAINLESS STEEL

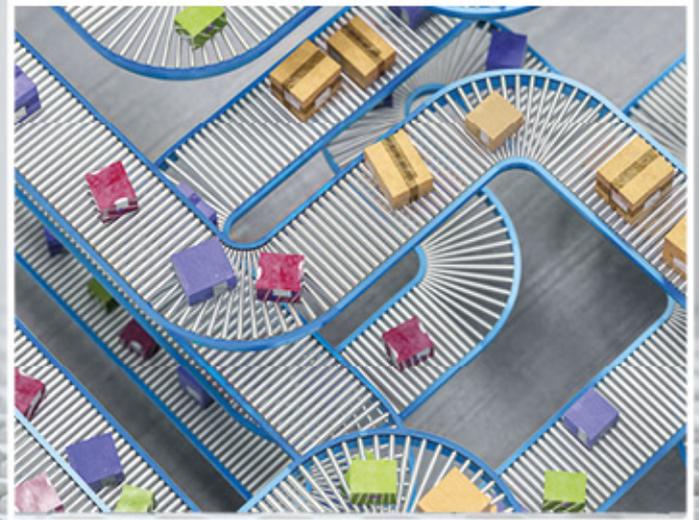


Conveyors used in Basket-Case transport systems enable the transport of packed or unpacked products within the facility with the help of crates and baskets.

Conveyors that generally transfer the products to the empty box line within the facility are designed according to the type of case to be transported.

The conveyors used for the transport of empty boxes and baskets returning to the production lines also provide the passage of these equipments through the sterilization tunnels.

SORTING AUTOMATION



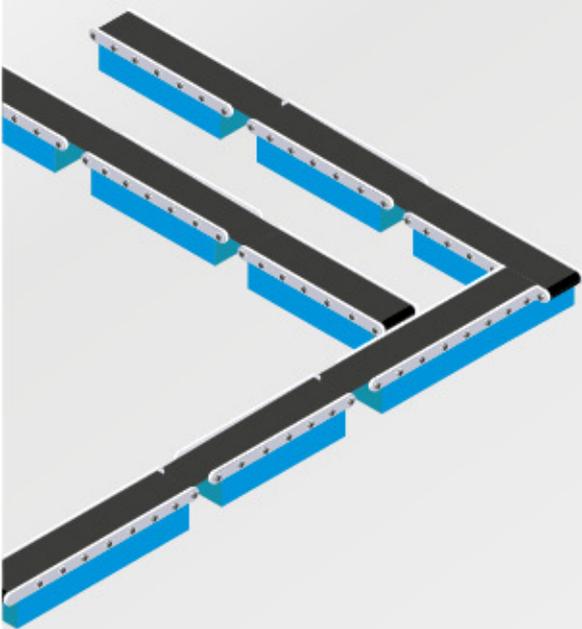
Sorting automations are state-of-the-art software used in production lines and storage departments. The automation installed on the conveyors through various modules, transitions between the lines are provided by separation in the production lines. While these systems increase efficiency and productivity, they provide maximum space usage in storage areas.

OUR PRODUCTS

VERTICAL TRANSPORT PRODUCTS (ELEVATORS)

Elevators manufactured with ergonomic designs are systems that provide the shortest distance between lines in production and packaging lines with height differences. It is designed according to the type and dimensions of the material to be transported.





OUR PRODUCTS



SORTING

- AISI 304 STAINLESS STEEL
- FULL AUTOMATION
- HIGH EFFICIENCY



The sorting modules, which determine the right way of the products to be transported in the conveyor systems, in the production lines or in the shipping areas, eliminate the loss of labor and time.





OUR PRODUCTS

S LINES

S Lines are systems that show a unifying feature when two separate lines are not on the same direction. S Lines, which are designed to keep the flow of the line intact due to the facility structure and machine design, can be designed as a tape and roll system according to the characteristics of the product to be transported.



OUR PRODUCTS

Z LINES (Curved Climbing Conveyor)

Z LINES are the systems that operates as connector in case that two separate lines are not on the same level. Facility construction and Z Lines designed for continuity of the line flow without any interruption as per the machine design can be projected as band and roll system according to features of products to be carried.

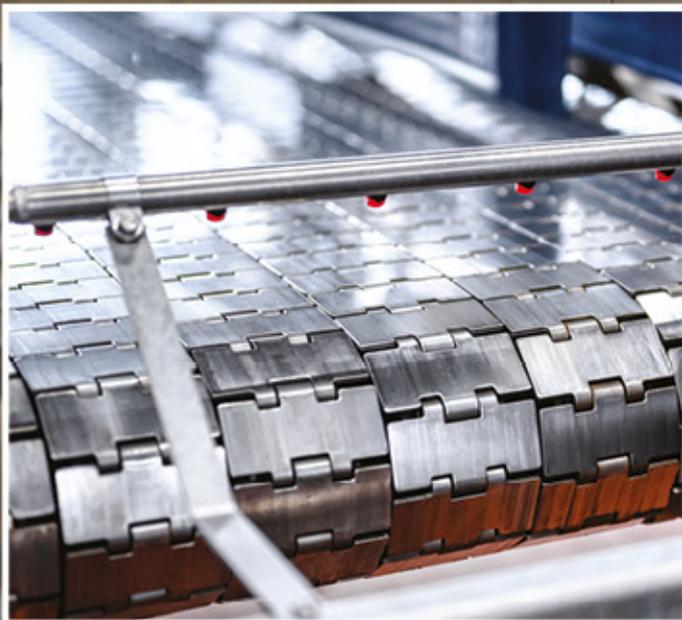
FAST & EFFICIENCY





OUR PRODUCTS

CONVEYORS



OUR PRODUCTS



MULTIRAIL OVERHEAD CONVEYORS

Multirail type conveyors are systems that move on three axes (x, y, z) of the special chain on the multirail.

It is graded as light, medium and heavy type according to its carrying capacity. Multirail type conveyors, which enable the products to be carried by hanging, are used in many sectors, its main advantage is low maintenance requirement and low operating costs.





OUR PRODUCTS

CONVEYORS

MAXIMUM PRODUCTION

MAXIMUM PRODUCTIVITY

MAXIMUM STORAGE



HIGH EFFICIENCY LINES

OUR PRODUCTS



QUALITY CONTROL PRODUCTS

They are the mechanisms that ensure that the products that are not suitable for shipment in the packaging and storage flow of the production lines are taken out of the system. Metal detection, weight and size mismatches are managed by detectors and sensors integrated into the conveyor.

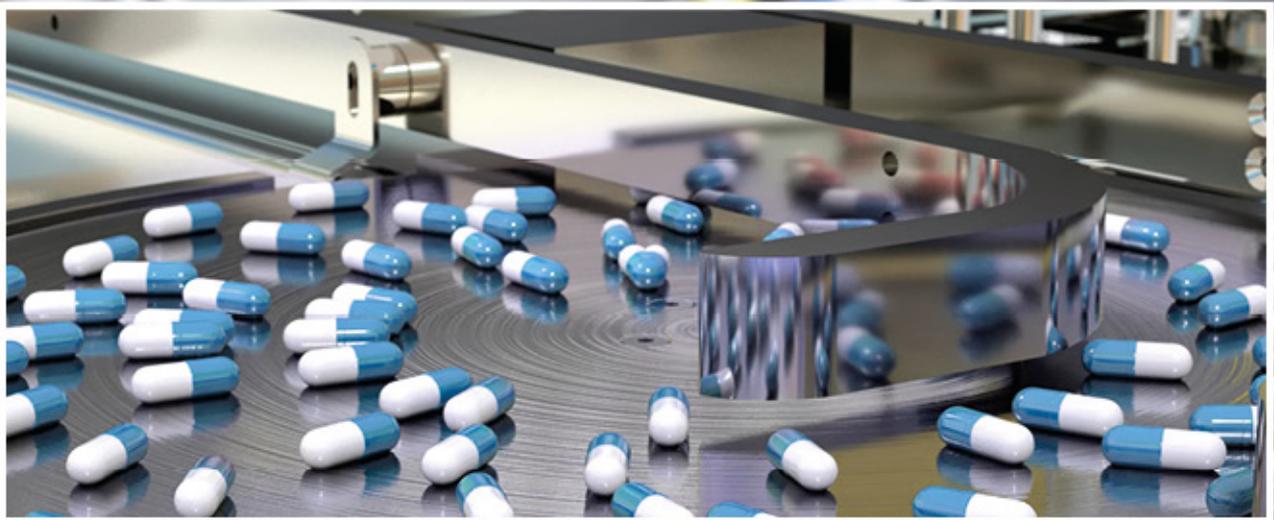
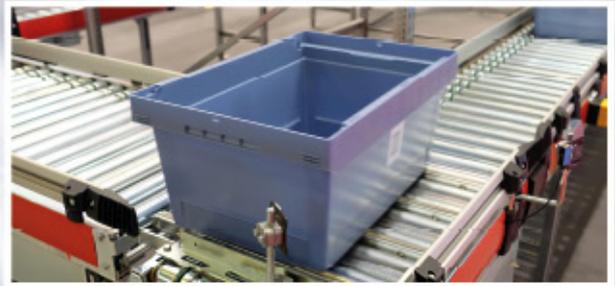




OUR PRODUCTS

POSITIONING PRODUCTS

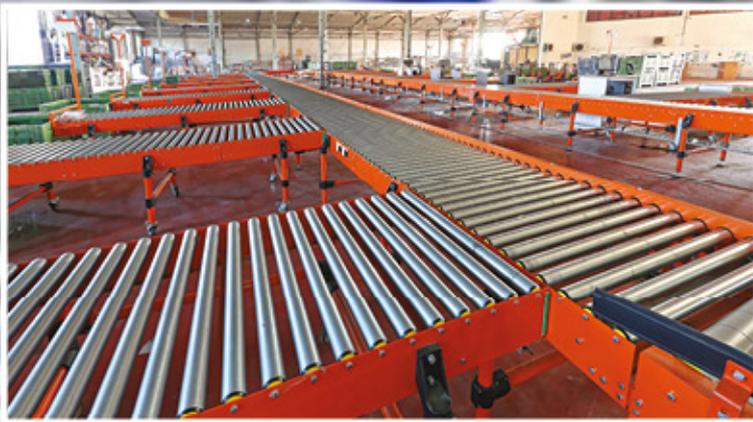
Positioning in conveyor systems ensures the systematic sorting and alignment of the products to be transported. It works integrated with the conveyor system in the packaging and storage flow of the product line.



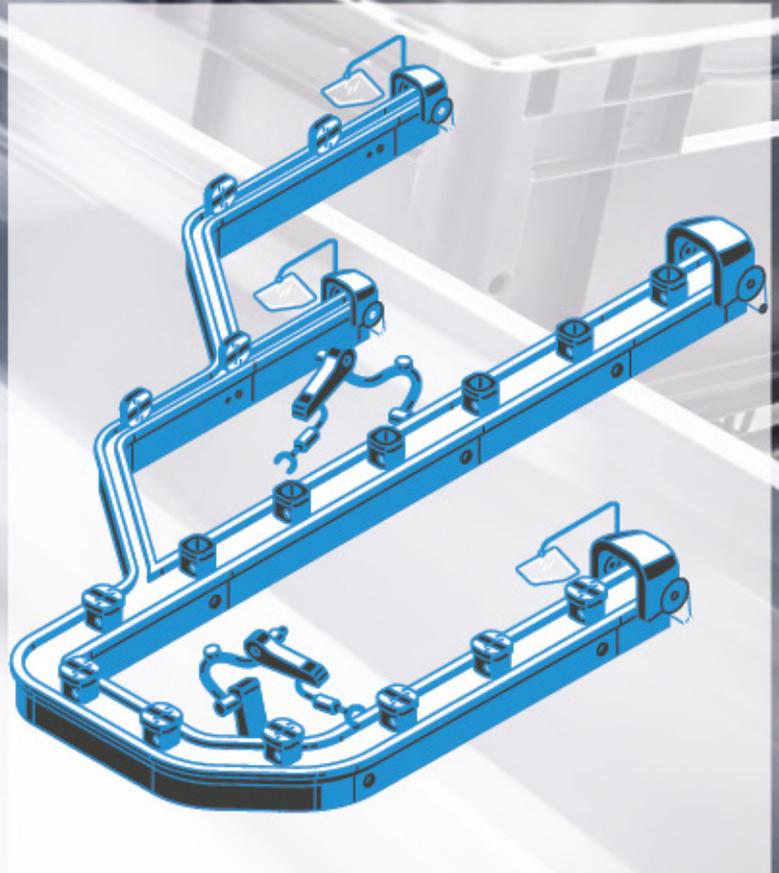
OUR PRODUCTS



CUSTOM DESIGN PRODUCTS



Custom design products are the systems that emerge as a result of special drawings designed with modern techniques in the light of information about the product to be transported and environmental conditions during on-site facility explorations.



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ERC CE



Mustafa Kemal Mah. Dumlupınar Blv.
Mahall Ankara, C2 Blok No: 111
Çankaya - Ankara / TÜRKİYE

www.cemsan.net
+90 312 815 13 28 · info@cemsan.net

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