



D&R INDUSTRIES

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D&R Industries With Many Years Experience In Confectionery Line And High Technology Team , Giving The Whole Project Solution And Consulting For Candies, Gummy, Chocolate And Its Packing.

D&R Always Giving The Economic Machine, Better Quality, Better Service After Sales For All Of The Customer.



D&R INDUSTRIES

AUTOMATIC PACKING SOLUTION

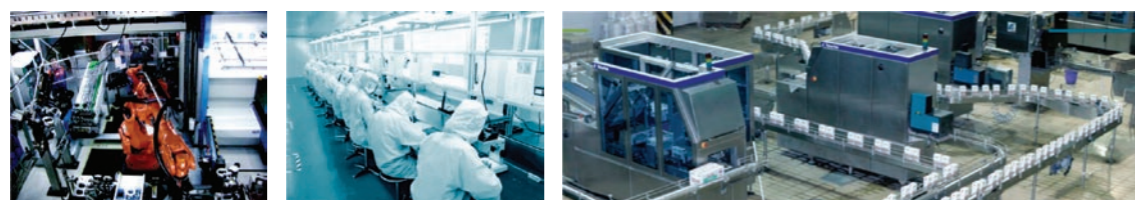


KEEP DEVELOPING & RESEARCHING FOR CONFECTIONERY MACHINE

Who we are

It designs, produces and distributes worldwide automatic and turnkey systems for single pack and multi pack wrapping of food , drugs, cosmetics and non food products .

A safe and reliable partner that the customer can entrust with absolute confidence. Collectively discussed & tailored packaging solution. This customer oriented market positioning allows D&R AUTOMATION to offer a 360° full service.



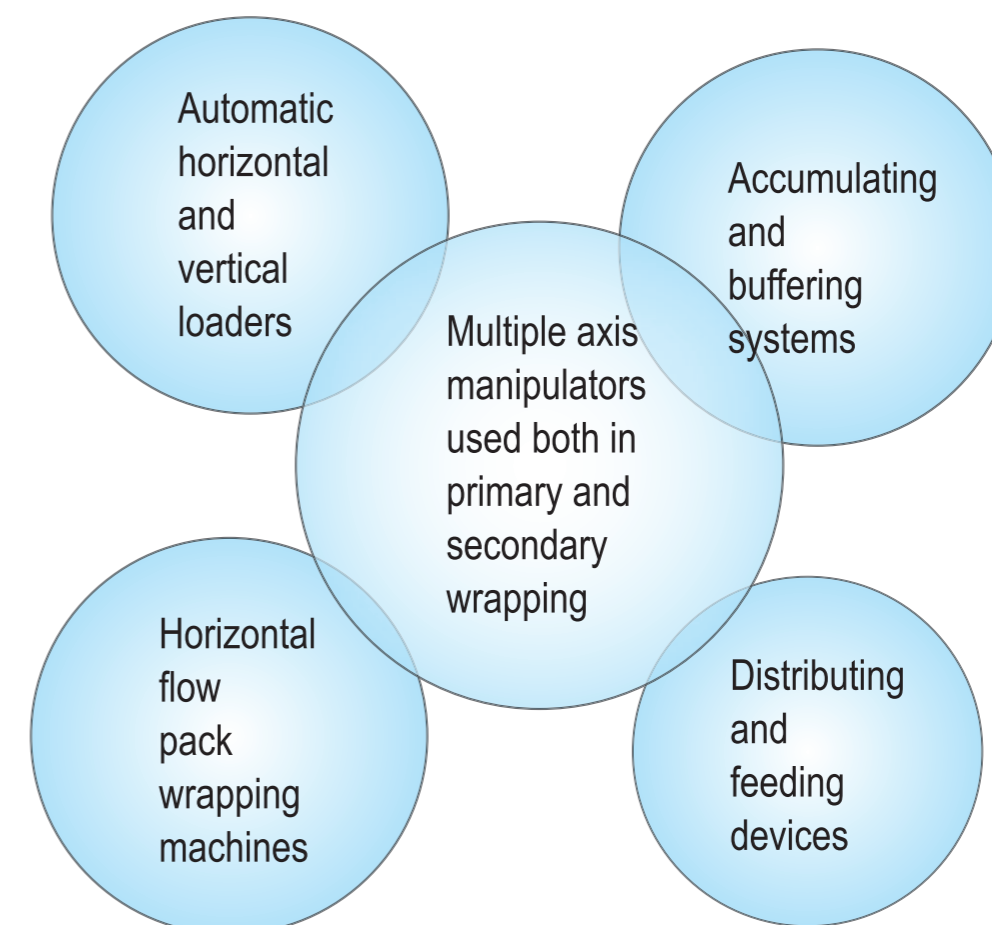
Products

D&R AUTOMATION is specialized in producing flowpack integrated wrapping systems, High technology, high quality, high efficiency, easy to operate. It is good at providing customized development solutions. Complete wrapping lines that take care of the products coming from the processing line down to the primary and secondary packaging unit .



D&R Automation Offer:

Accumulating and buffering systems
Distributing and conveying system
Horizontal and Vertical automatic feeding system
Various series three surface sealing flow pack wrapping machines
Multiaxis wrapping robot used both in primary and secondary wrapping



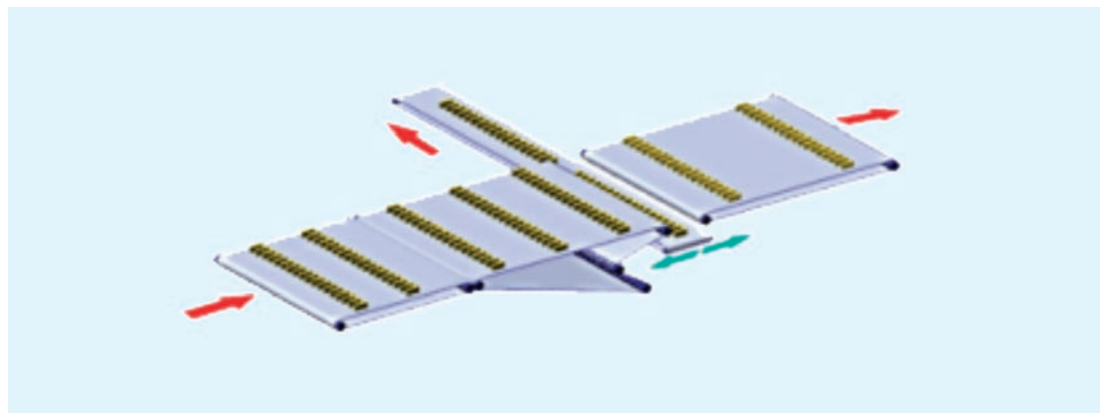
BUFFER SYSTEM

The buffering system can have a larger storage space for the products which is aligned and the arrangement is regular.

Horizontal buffering system can be divided into LIFO (first in last out) or FIFO (first in first out) two kinds of systems.

It is composed of a set of accumulating belt, and multi-level conveying system which can lift up & down and temporary buffering capacity can be automatic programmable adjustment. It is usually used for high output production line, it can accept the finished product of production line, and at the same time it can automatic feed products to single or multi sets of automatic wrapping machines.

Due to the above two systems have continuous receiving and output function at the same time, they can tolerate packing line have many short outage but don't stop production line. It improves the wrapping machine continuous operation.

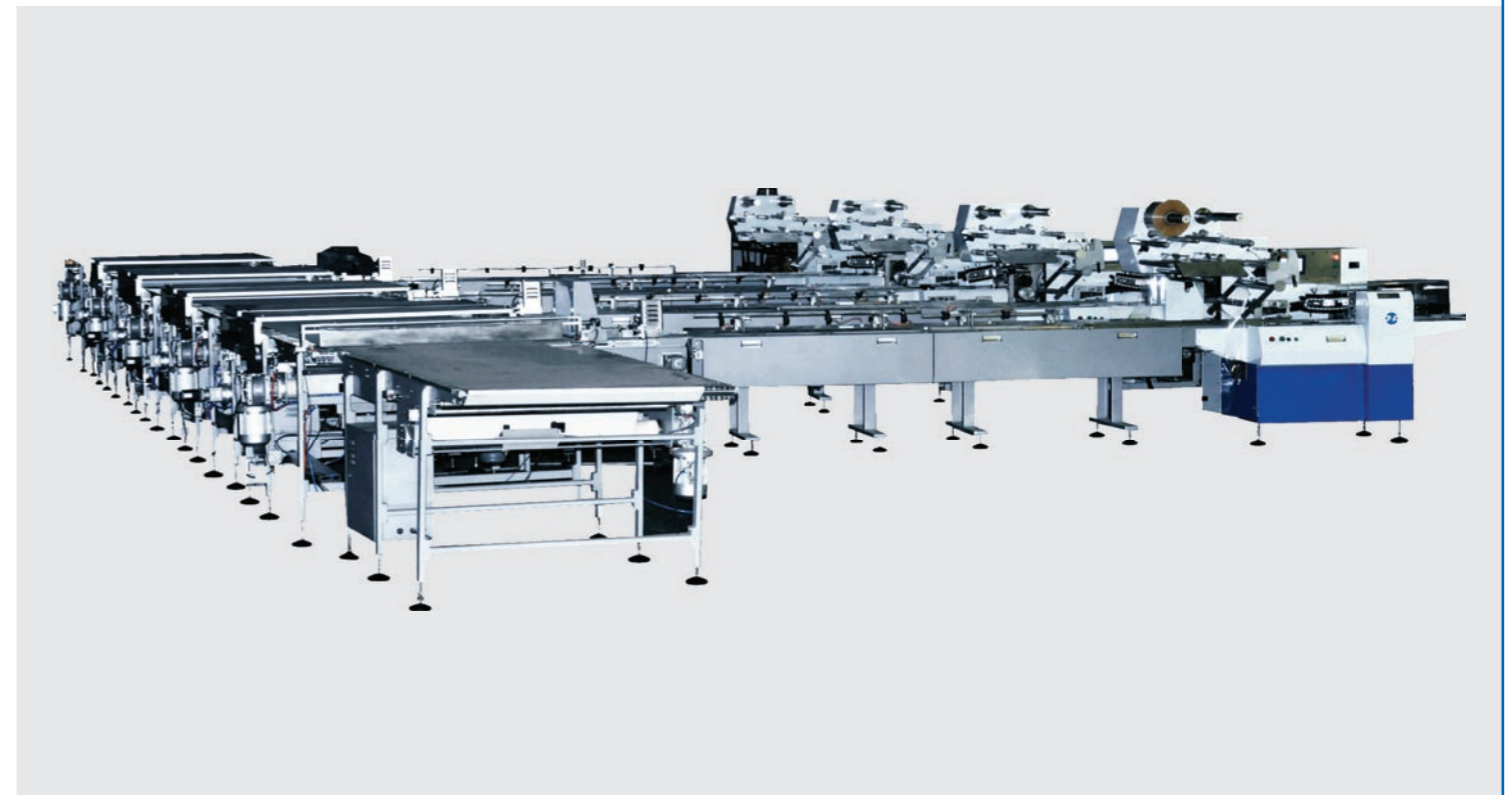


ROWS DISTRIBUTION SYSTEM (RDS)

Distribution systems can perfectly manage to distribute the products which is aligned and the arrangement is regular.

Fully automatic applications are available. It can automatic feed products to single or multi sets of automatic wrapping machines at the same time.

Usually fully automatic packing line are made by distribution system and buffering system collocation, to ensure operation efficiency of the packaging line.



HORIZONTAL FEEDING SYSTEM (HMC)

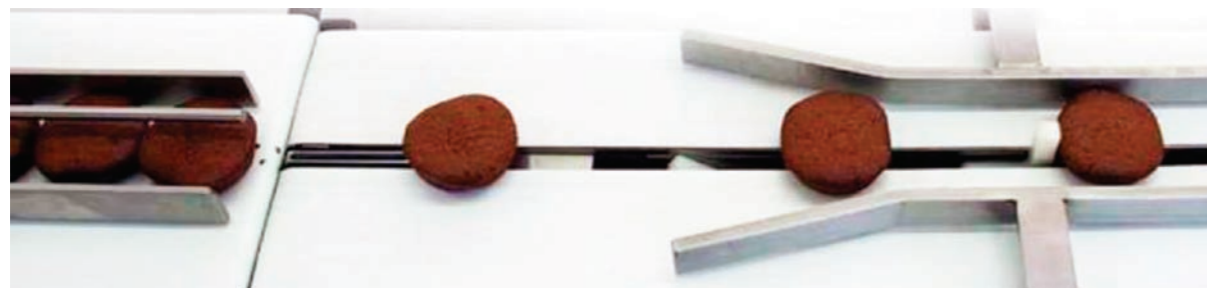
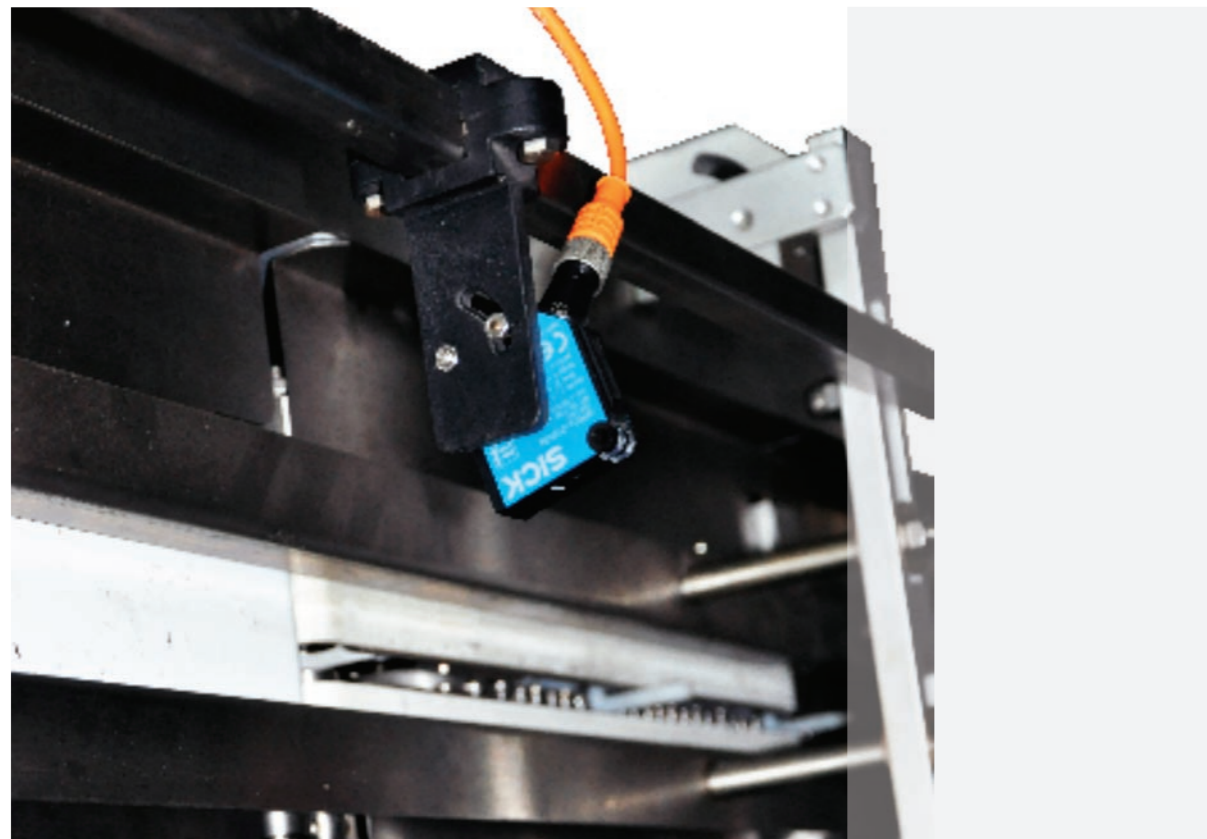
We have automatic feeding system of mature technology for bars, biscuits and wafers and so on.

For fragile, sticky or chocolate coated products, requires no contact between products, no extrusion, and highest order conveying system.

Each feeding belt must have their own independent transmission. Cooperate with electric control system. In order to realize high efficiency operation. Our double-way infeed system's speed can reach 1200 single pieces per minute.

According to production line or product's requirement, we have many kinds of feeding system such as linear type, orthogonal type or non right angle type for choosing.

The plasticity of above feeding system is extremely high, so it can be adjusted according to actual condition, to satisfy needs of every kind of feeding.



VERTICAL FEEDING SYSTEM (VMC)

From simple mechanical direct feeding device, to quantitative feeding system which measure length or quantity, product group, all electronic, has push rod. These system can separate or measure product, is special customized solutions which in order to effectively packaged the biscuits into pile or into strips.



The use of the robot, is the ideal solution for the multi pack. It can display box forming, filling, stack, sealing box in a tiny body inside.

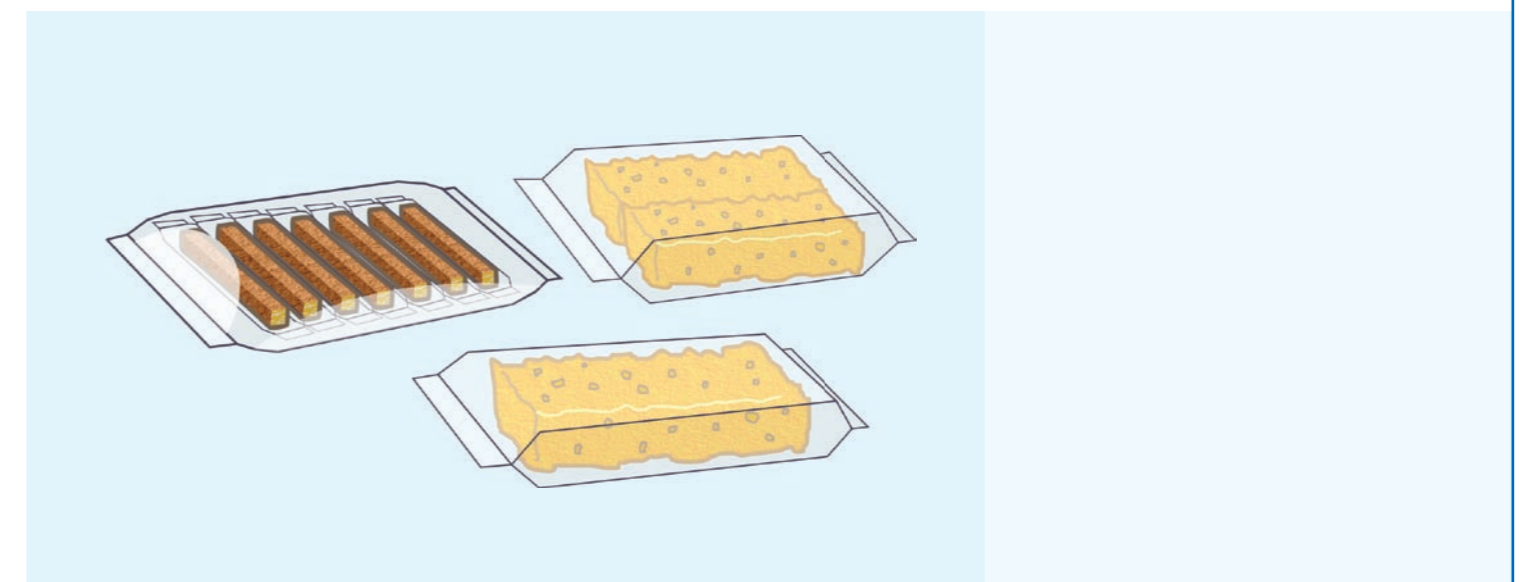
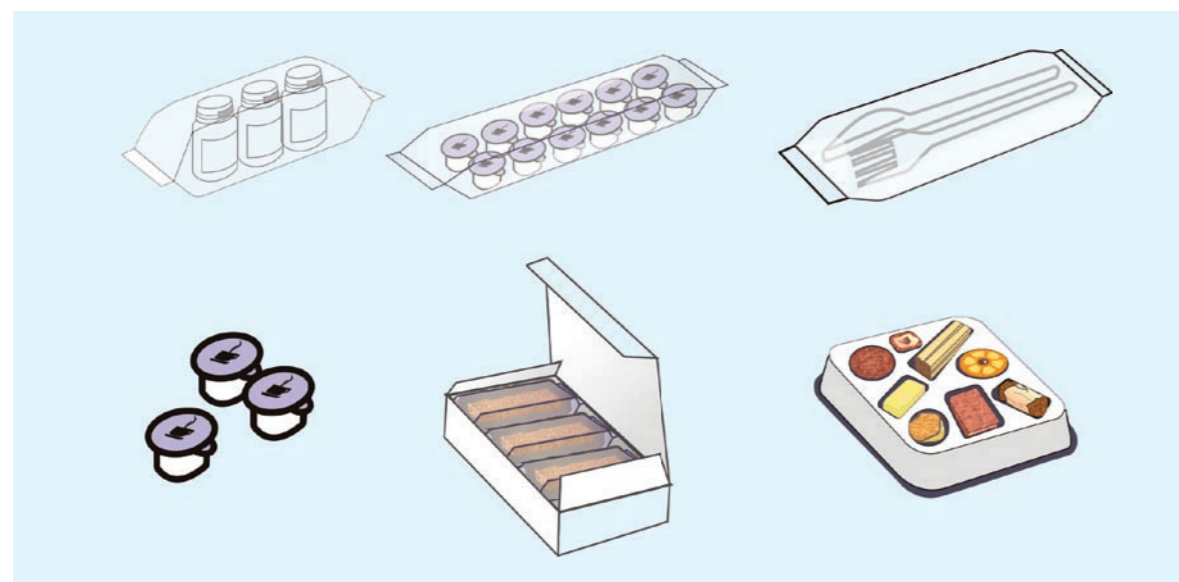
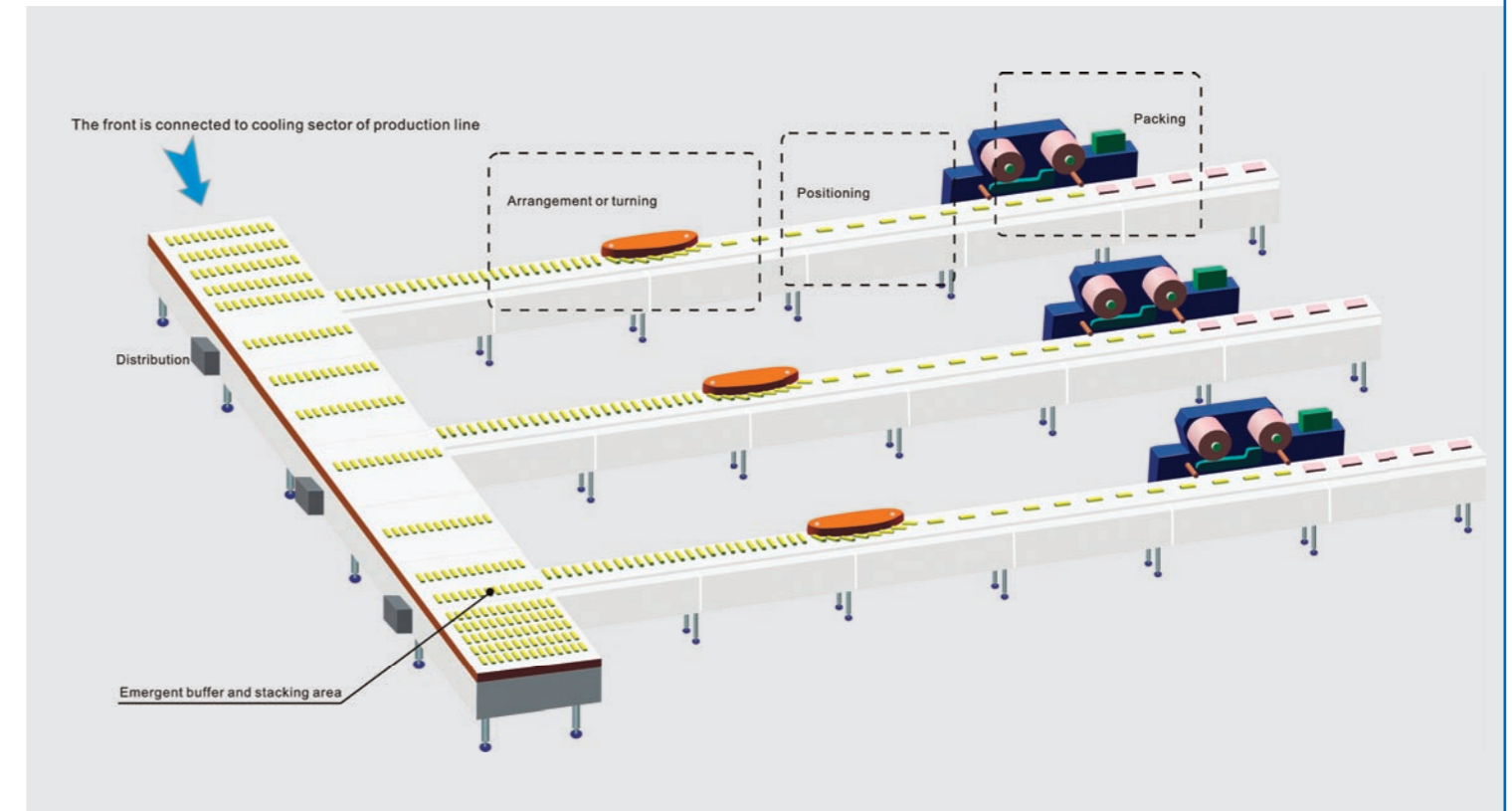
The design concept of multi station type robot integration, provides maximum compatibility for inner packing or the outerpacking of flowpack wrapping system and even downstream cartoning demands.



D&R AUTOMATION is a reliable partner to design, produce and implement solutions that meet your needs.

From the product aligning, accumulation and distribution to the single pack and multi pack wrapping in flow pack, even cartoning.

In order to establish a set of perfect operation, high resilience, and quick return of investment system. Our team has always maintain close interaction with the customers.

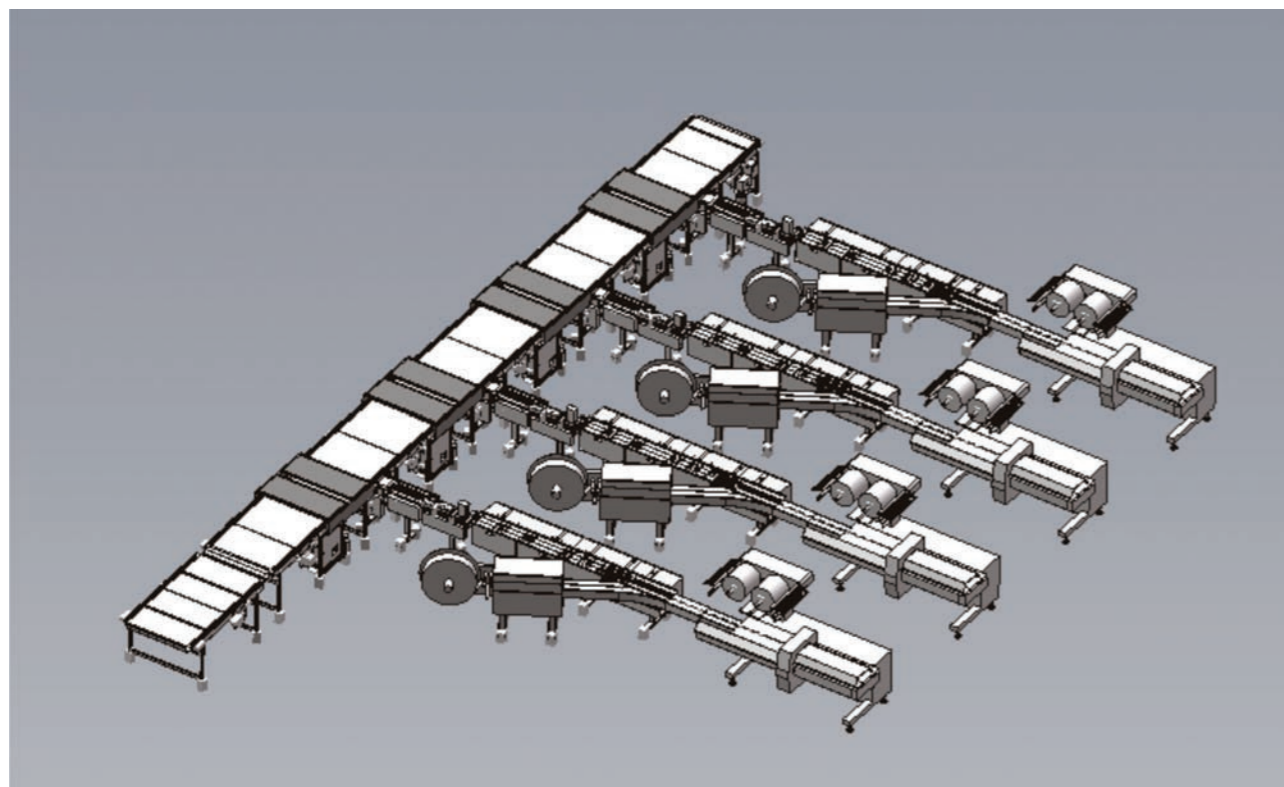


WRAPPING LINE FOR PRODUCTS IN ORDER

Wrapping line for products in order
This wrapping system includes
In row cake products districition system(RDS)
Feeding system which is in line with wrapping machine
Cardboard feeding and forming system (optional)
Servo wrapping machine
Buffering station

Main features:

High efficiency
Need few operators
Fast change product wrapping size

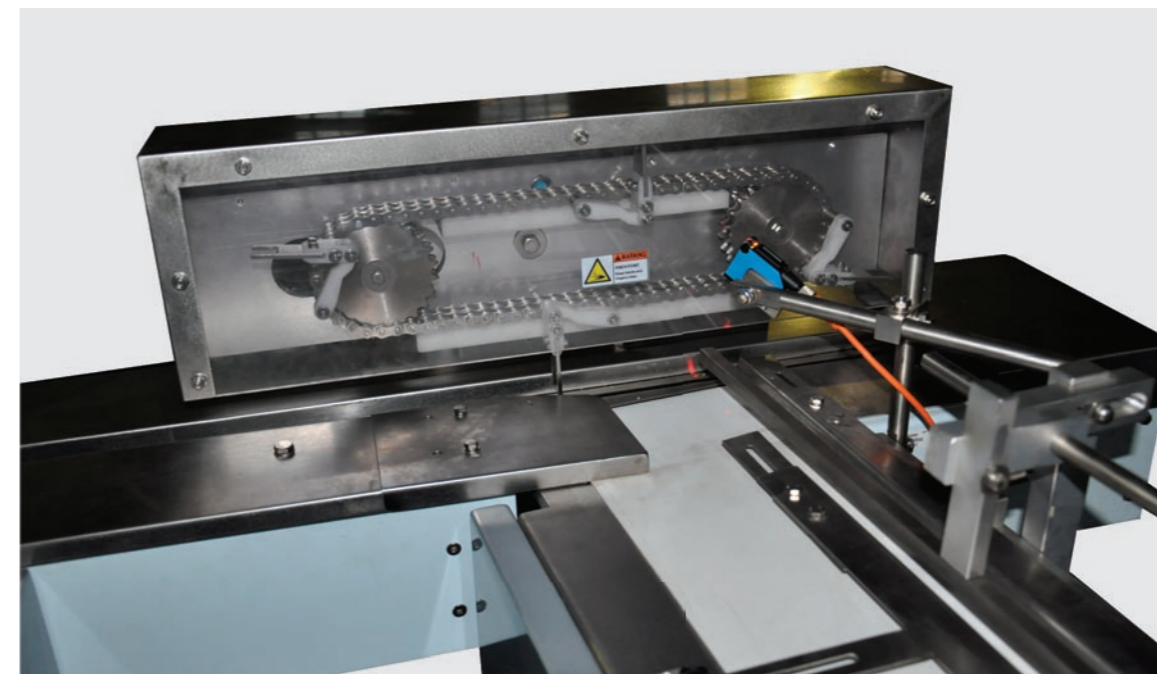
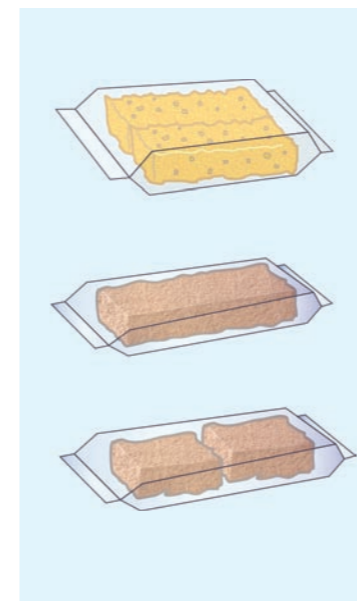


WAFER SOLUTIONS

Wrapping line for products in order
This wrapping system includes
In row products districition system(RDS)
Feeding system which is 90 degree arrangement with wrapping machine
Servo wrapping machine
Buffering station

Main features:

Has 5 kinds of different packing type
High efficiency
Need few operators
Fast change product wrapping size

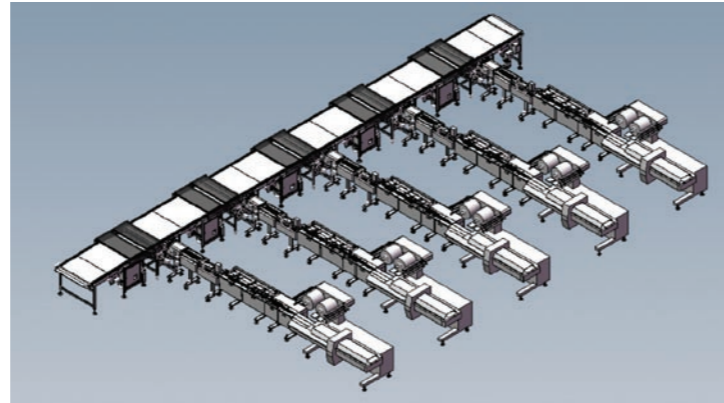


CHOCOLATE SOLUTIONS

Wrapping line for products in order
This wrapping system includes
In row products distribution system(RDS)
Feeding system which is in line with wrapping machine
Servo wrapping machine
Buffering station

Main features:

High efficiency, max wrapping speed is 600 packs/min
Need few operators
Fast change product wrapping size

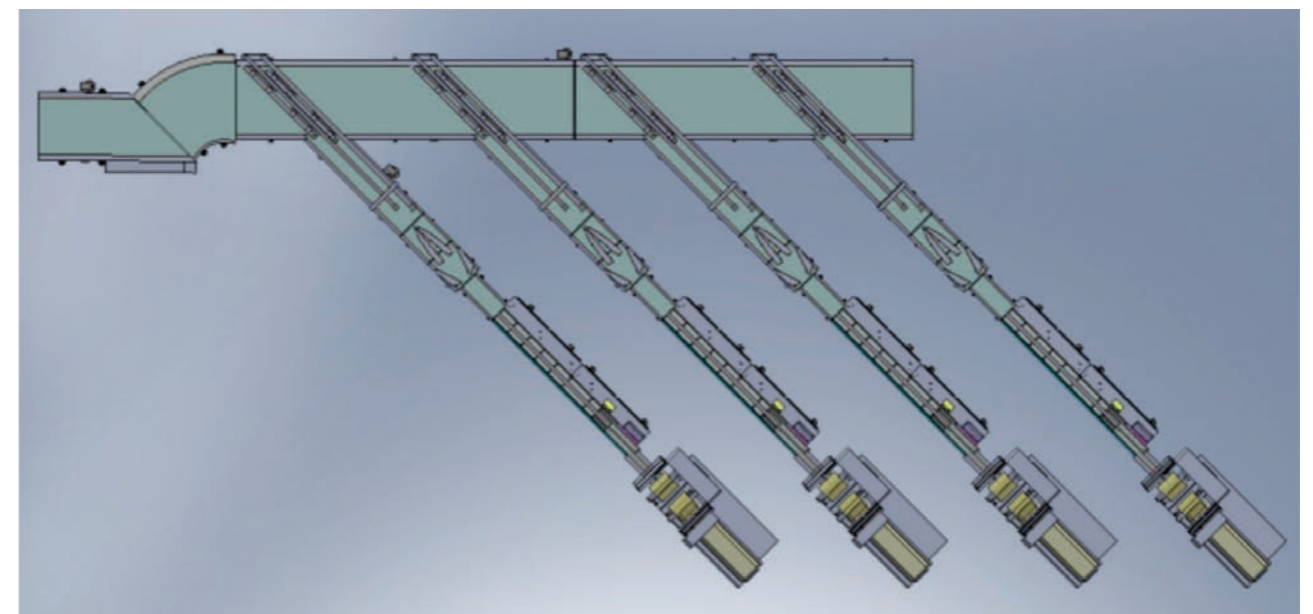
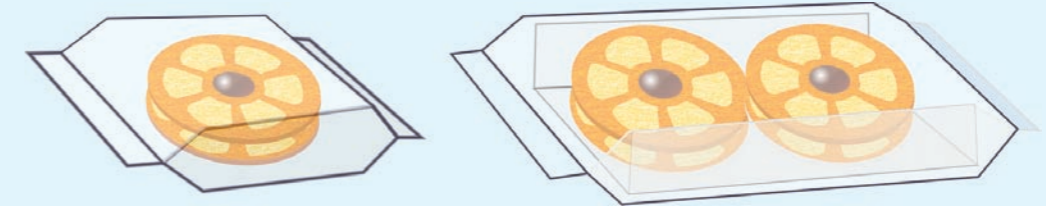


BISCUIT DOUBLE PIECES PILING SOLUTIONS

Wrapping line for products in random
This wrapping system includes
In row products horizontal distribution system(HDS)
Two-way feeding system which is in line with wrapping machine
Servo wrapping machine
Buffering station

Main features:

Has 3 kinds of different piling combination packing type
High efficiency, max wrapping speed is 600 packs/min
Need few operators
Fast change product wrapping size

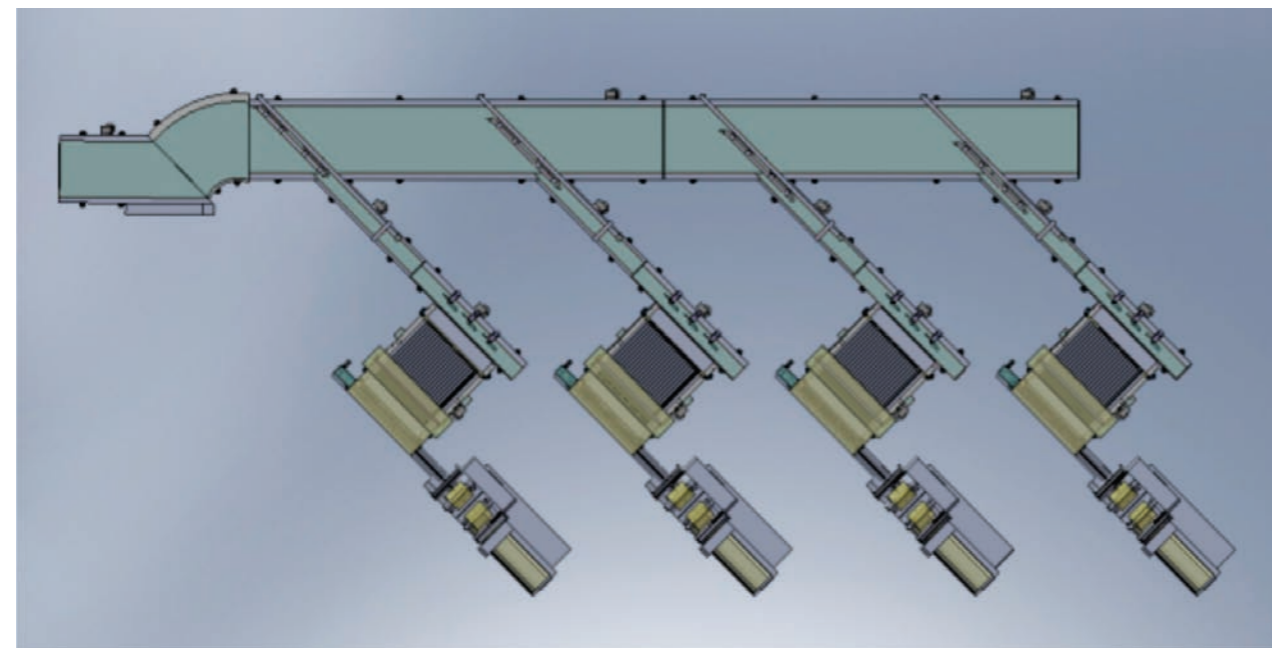
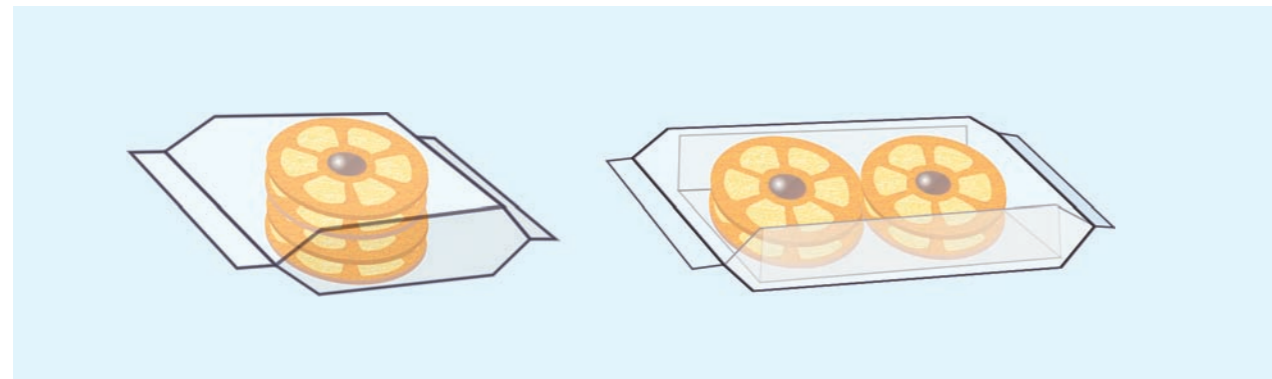


BISCUIT MULTI PIECES PILING SOLUTIONS

Wrapping line for products in random
This wrapping system includes
In row products horizontal distiction system(HDS)
Multi row piling feeding system
Servo wrapping machine

Main features:

Has 2 kinds of different stack combination packing type
Max 10 layers per pack
High efficiency, max wrapping speed is 200 packs/min
Need few operators
Fast change product wrapping size

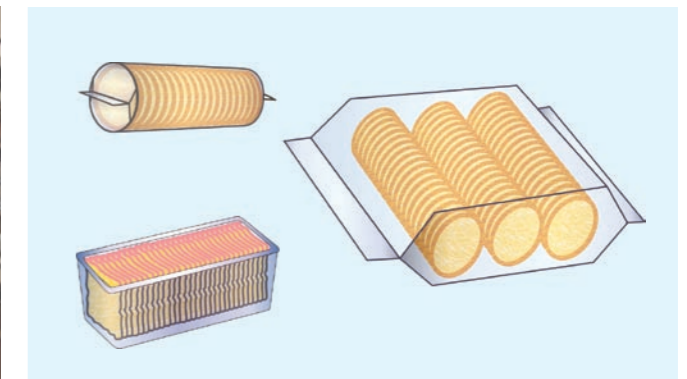
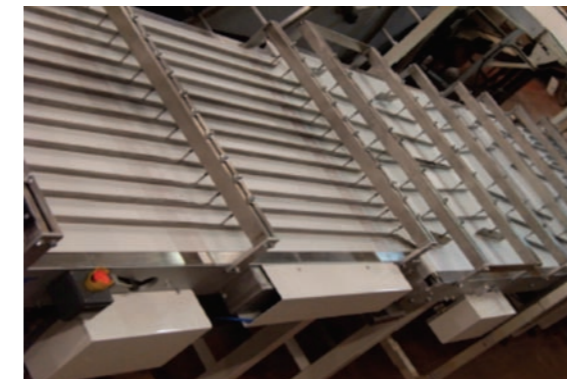
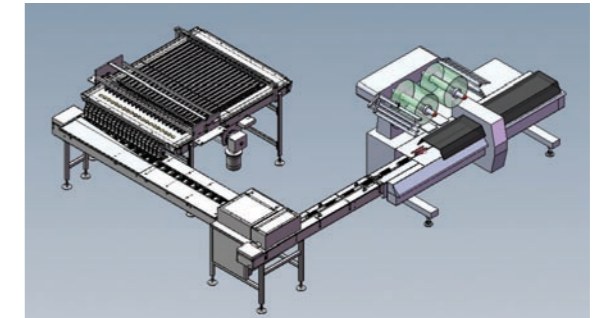


BISCUIT ON-EDGE WRAPPING SOLUTIONS

Wrapping line for products in random
This wrapping system includes
Automatic product dividing system
Multi rows feeding system
Servo wrapping machine

Main features:

On-edge packing type
Max 10 layers per pack
High efficiency, max wrapping speed is 200 packs/m-in
Need few operators
Fast change product wrapping size

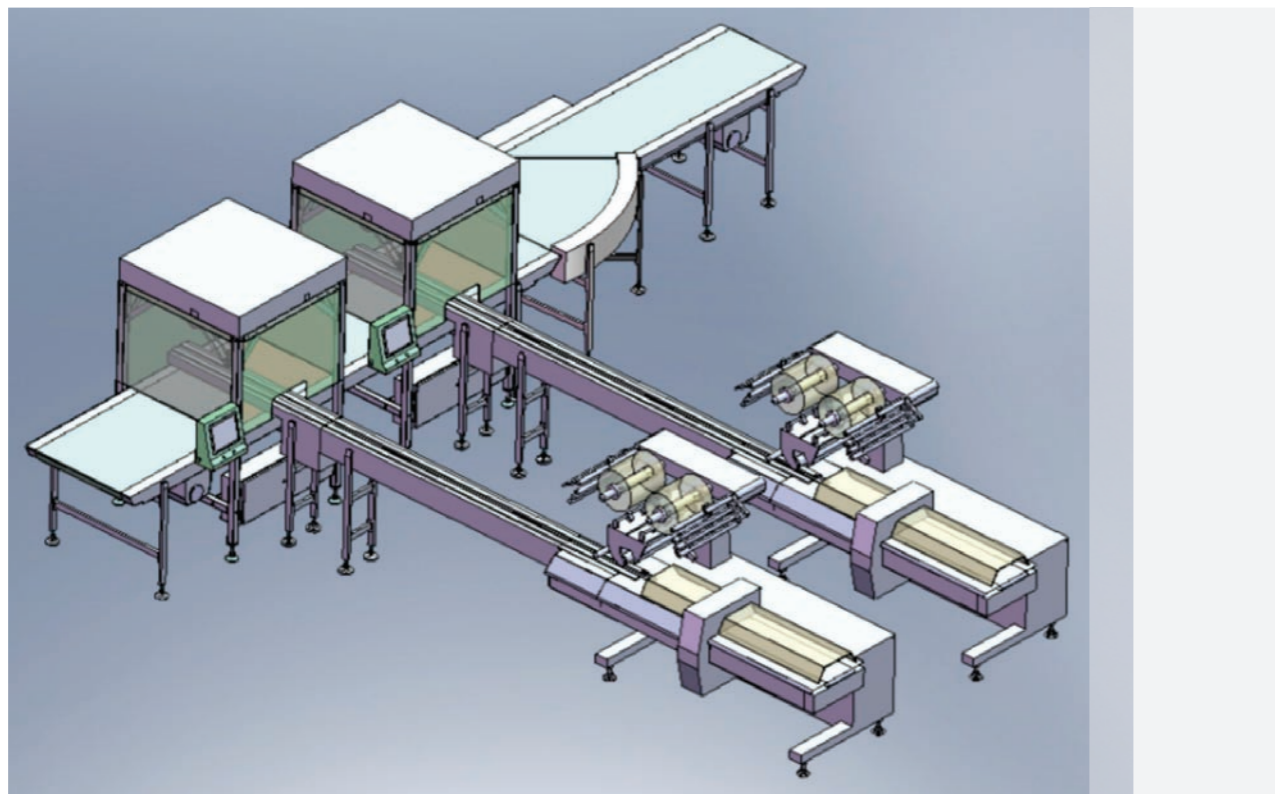
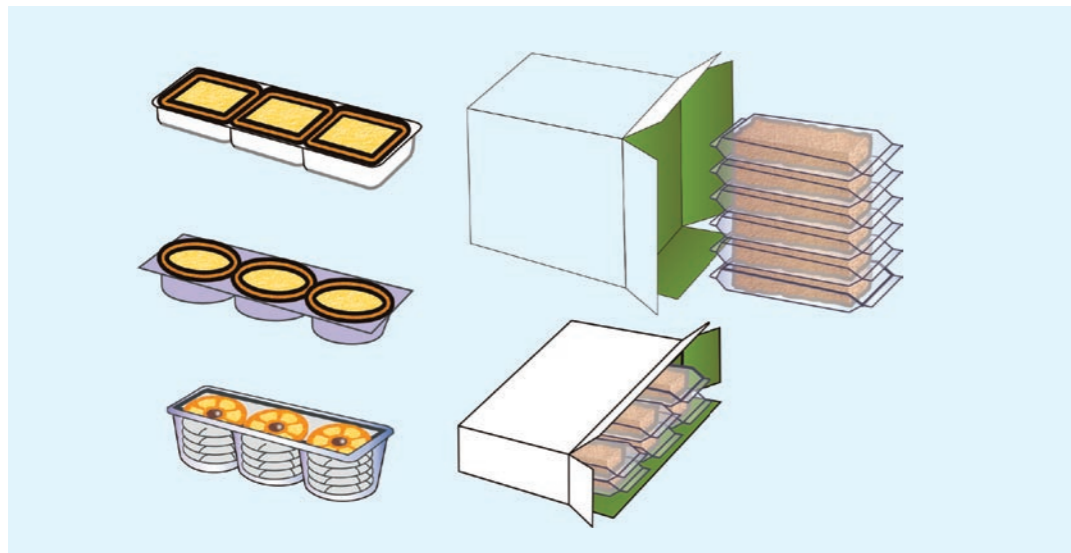


BISCUIT ROBOT TRAY LOADING SOLUTIONS

Wrapping line for products in random
This wrapping system includes
Four axis robot Automatic tray loading machine
Servo wrapping machine

Main features:

Multi tray loading way
High efficiency, max wrapping speed is 150 packs/min
Need few operators
Fast change product wrapping size



DRKZ500 HIGH-SPEED AUTOMATIC FEED PACKAGING LINES

Product performances

Suitable for marshmallon and gummy or products of similar shapes or features.

Clear-up and packing speed is up to 400-500 packages / minute (according to product or packing material).

To realize automatic clear-up, feeding and packing of products that are liable to deformation under pressure without manpower operation.

The perfect combination of hight-speed clear-up machine and servo packing machine is able to realize seamless synchronous working.

The packing machine can be equipped with automatic filming device and printing device.

Structural features

The entire system as requirement of sanitary food

All conveyer with simple de-assembling, equipped with auto-tracking system

With servo driving system and high quality components which ensure reliable performance



