

END OF LINE SOLUTIONS

COMPLETE LINE SOLUTIONS

FACTORY INSTALLATION

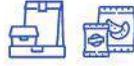


**BOSFORO**  
Engineering

[www.bosforogroup.com](http://www.bosforogroup.com)

[www.paketleme.com](http://www.paketleme.com)





Fabrika &amp; Ofis: Ferhatpaşa Mah. 69. Sok. No:44 Ataşehir/İSTANBUL

Üretim: -2 ve -1.Katlar Tel: +90 216 550 80 70

Showroom: Zemin Kat Mail: info@bosforogroup.com

Ofisler: 1.2.ve 3.Katlar Satış (Sales): +90 544 230 27 01

Yönetim (Management) : +90 546 230 27 02

Servis (Service): +90 544 230 27 02

## ABOUT US

For 13 years, since the first day of its establishment, we have made it our duty to offer the most technological and ergonomic systems to our customers at the most affordable prices. In this way, we have had more than 2000 individual machines and lines for more than 1000 happy customers in a short time. It is not difficult to make a machine or a project for a customer once. The important thing is to be permanent in that customer and to be a permanent supplier. Unlike other competitors in the market, we succeeded.

Our references have always been open and we have done more than one project with almost every client.

We present our mission, which is to bring the most technological machines and systems

to the customers in the most economical way,

by producing machines and projects in our own production facility in Ataşehir or by combining advanced technology and patented products from Italy with our own engineering.

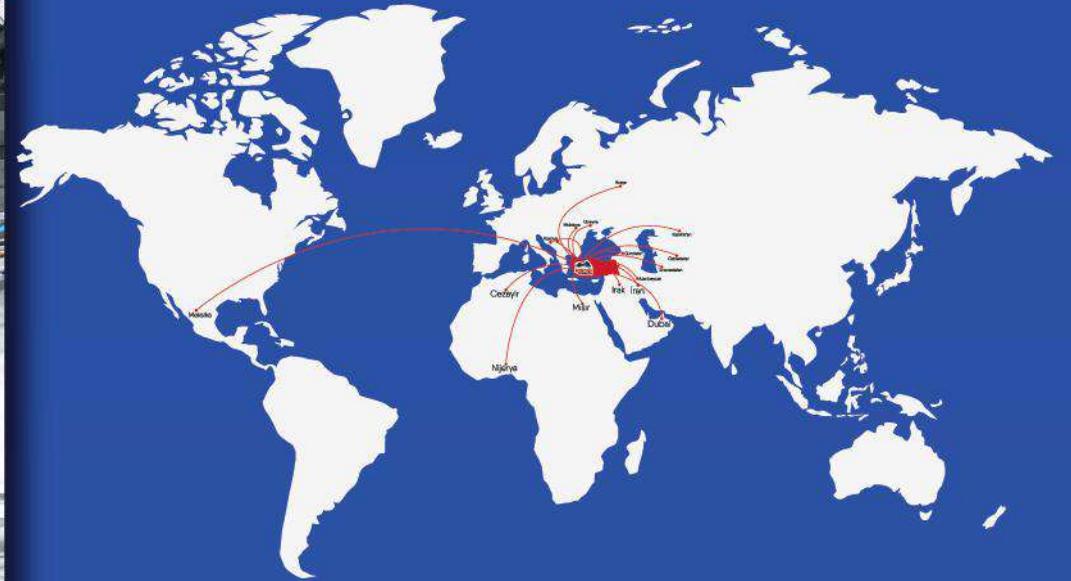
We are at the disposal of our customers with our expert staff in Technical Service and our large stock of spare parts.

We always satisfy our customers with the most economical prices in spare parts. Our vision is to be an important packaging machinery manufacturer and supplier in Turkey and in the world.

Our goal is to wave our flag in different geographies with patented products by doing R&D. We are always welcome to have a coffee at our Plaza and Production Facility and to show our machines in our Showroom.

*And more industry...*

# SERVICE IN 18 COUNTRIES



Türkiye(Turkey) - Nijerya(Nigeria) - Mısır(Egypt) - Cezayir(Algeria)

Dubai - Irak(Iraq) - İran(Iran) - Azerbaycan(Azerbaijan)

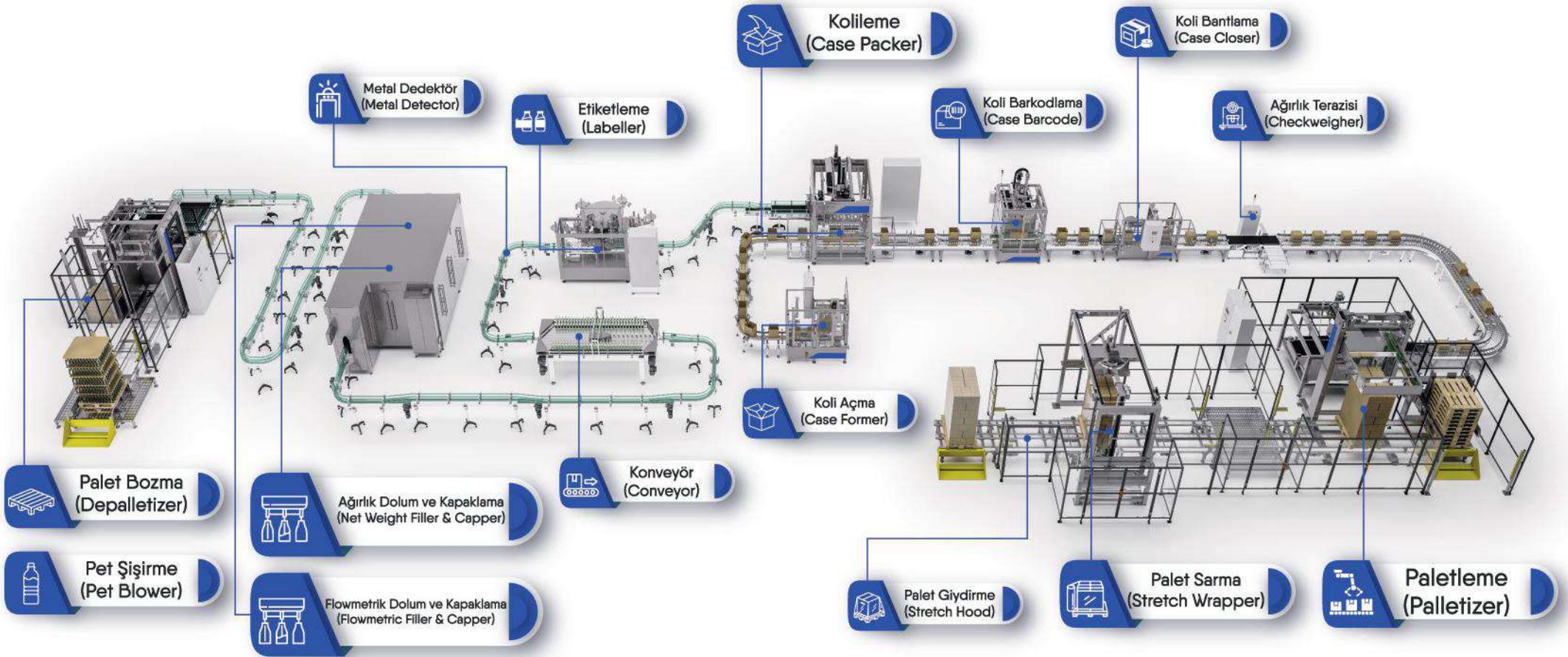
Türkmenistan(Turkmenistan) - Özbekistan(Uzbekistan)

Kazakistan(Kazakhstan) - Gürcistan(Georgia) - Ukrayna(Ukraine)

Moldova - Rusya(Russia) - Kosova(Kosovo)

Bosna Hersek(Bosnia And Herzegovina) - Meksika(Mexico)

# COMPLETE FILLING LINES & COMPLETE END OF LINES



# PALLET WRAPPER



## Model

Atlanta Eva



## Technical Specifications

Mechanical Tension

Economic Pallet Wrapping

%250 Tension

Suitable for pallet truck entry

Larger Table Models are available



## Model

Atlanta Sintex



## Technical Specifications

Motorized High Tension

Economic Pallet Wrapping

Patented Pre-tensioning

Column max height:2200 mm between 3000 mm

Different Table Dimensions are available



## Model

Atlanta Mytho-S



## Technical Specifications

Automatic Rotating Table Pallet Wrapping

Manual Stretch Film Connecting, No manual cutting

The machine makes them automatically

Motorized High Pre-tension

Patented Design

# PALLET WRAPPER



## Model

Atlanta Sfera



## Technical Specifications

Economic Robot Pallet Wrapping

Different Tower Height Dimensions

Optional: Mechanical and Automatic Tension

Automatic Cutting



## Model

Atlanta Neos



## Technical Specifications

Automatic Robot Pallet Wrapping

Manual Stretch Film Connecting, No manual cutting

The machine makes them automatically

Motorized High Tension



## Model

Atlanta Lybra Easy



## Technical Specifications

Rotating Arm Pallet Wrapping

Mechanical and Electronic Tension

Product does not move, arm is movable

Small dimensions , Space saving

# PALLET WRAPPER



**Model**  
Atlanta Mytho-A



## Technical Specifications

- Patented High Pre-Tension
- 40 Pallets / hour
- Economic top hat , top print
- Options can be added
- Can rise 90 degree



**Model**  
Atlanta Lybra Station



## Technical Specifications

- Rotating Arm
- 12RPM Rotating Arm Speed
- 30 Pallets / Hour
- Patented Motorized High Pre-Tension
- Options can be added



**Model**  
Atlanta Myhto Station



## Technical Specifications

- Small dimensions , Space saving
- Patented High Pre-Tension
- Made from semi-auto to full auto
- Options can be added

# PALLET WRAPPER



## Model

Atlanta Revolution



## Technical Specifications

Professional Rotating Arm

Arm speed is between 25rpm-35rpm

Speed Control between 55-70 Pallet/Hours

Patented Motorized High Pre-Tension

Options can be added



## Model

Atlanta Revolution Double



## Technical Specifications

Professional Rotating Double Bobbin

90 Pallet / Hour

Arm speed is 35 rpm

Patented Motorized High Pre-Tension

Options can be added



## Model

Atlanta Omega



## Technical Specifications

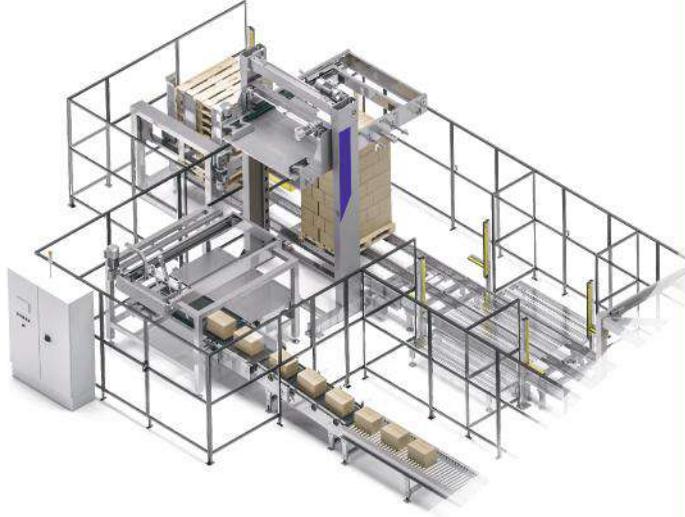
Professional Ring System

Energy Consecvation Saving

It first converts the energy generated by the rotation in the ring into electrical energy and then into heat energy

It works 110 pallets/hour with a single bobbin.  
It works 140 pallets/hour with double bobbin.

# PALLETIZER



## Model

Bos Autopal



## Technical Specifications

It has layer and elevator

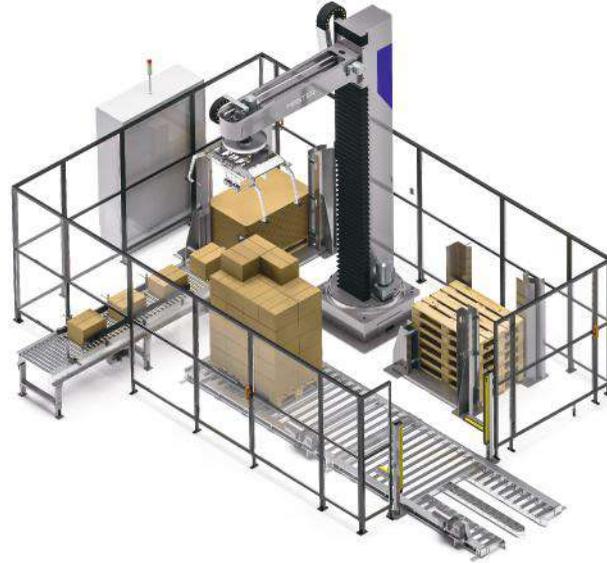
Compact Design

Automatic Pallet Feeding

Slip sheet additions

Very High Performance

Satisfaction guarantee



## Model

Bos Master500



## Technical Specifications

Mechanic Scara Robot

4-axis motion system

500 cycle/hour

It can be converted to Layer type palletization by adding a basket system as a gripper.



## Model

Bos Robot Packing



## Technical Specifications

Professional 5 or 6 axis robot

It can do punctuation.

It can be converted to Layer type palletization by adding a basket system as a gripper

# PALLET CHANGER



**Model**  
Bos Mobil

## Technical Specifications

- Mobile
- Side and top- bottom protector options
- Easy Pallet Changing
- Leader in Food and Pharmaceuticals Industries
- Patented Design



**Model**  
Bos V Shape

## Technical Specifications

- Pallet can tilt 120 or 135 degrees
- Pallet does not upside down.
- It can be full-automatic
- 2000 kg loading capacity
- Loading with transpallet and forklift



**Model**  
Bos Inverter

## Technical Specifications

- Pallet can be rotated 180 degrees
- Loading with transpallet and forklift
- 1500 kg loading capacity
- Easier to use
- Economic



**Model**  
Bos Side Press/Şahin Kanat

## Technical Specifications

- It grasps the product from the side
- Pallet and product transfer
- Horizontal Moving
- Thanks to its falcon wings feature, it transfers even the most problematic products by holding them tightly from the bottom

# STRETCH HOOD



## Model

Bos Hood FB1000



## Technical Specifications

70 Pallets / hours

600x600mm and 1400x2600mm Pallet dimensions

Full clading or Half clading

Clading without pallet

It Works Different stretch film dimensions



## Model

Bos Hood FB2000



## Technical Specifications

280 pallets/hours

400x500 and 1700x3600 pallet dimensions

Full clading or Half clading

Clading without pallet

It Works Different stretch film dimensions



## Model

Bos Hood FB3000



## Technical Specifications

Patented hood head downing system

No need to go up for maintenance

600x600mm and 1400x2600mm Pallet dimensions

80 pallets/hours

It Works Different stretch film dimensions

# PALLET STRAPING



## Model

Bos Automatic Vertical Strapping

## Technical Specifications

Full Automatic Strapping

PP and Pet Strapping can be use

Made in Europe, Full CE certified

Moving and Patented Strapping Head

Bracket can be added

Top print can be added



## Model

Bos Semi-Auto Strapping

## Technical Specifications

Semi-Auto Pallet Strapping Machine

With PLC system

Pallet Wrapping integrated

It can be automatic with conveyor and Electric panel

PP and PET strapping can be use



## Model

Bos Horizontal Strapping

## Technical Specifications

Full automatic Strapping

PP and PET strapping can be use

Made in Europe, Full CE certified

Moving and Patented Strapping Head

Bracket can be added

## PALLET STRAPING



### Model

Bos Mobile Vertical Strapping

### Technical Specifications

Battery portable system  
Useful for every industry  
Controllable strapping height  
Electronic Strapping Tension System  
PP strapping , wide are between 9-16mm

## HORIZONTAL WRAPPING CASE STRAPPING



### Model

Bos Horizontal Wrapping Area

### Technical Specifications

Horizontal wrapping with bonding and cutting system  
Top print system  
Panel, Profil , rubber , hose and spare  
It available for machine parts wrapping  
Saves stretch film due to tension



### Model

Bos Mobile Horizontal Strapping

### Technical Specifications

Controllable strapping height  
Electronic Strapping Tension system  
PP strapping , wide are between 9-16mm  
Useful for the fruit and vegetable industry  
Portable horizontal strapping



### Model

Bos Cricket

### Technical Specifications

Horizontal wrapping with stretch  
instead of shrink, especially in the food industry  
20 micron stretch film is used instead of  
50 micron shrink film  
It works with less material and less energy  
Saves shrink tunnel



### Model

Bos Charged Strapping

### Technical Specifications

Bosch Li-Ion battery system  
PP vey PET strapping  
Strapping dimensions are between 9mm-19mm  
Automatic Tension system  
Tension , bonding and cutting with single button



### Model

Bos Box Strapping

### Technical Specifications

Semi-auto , automatic and  
Full auto strapping system  
Electronic Tension System  
Bonding with heat  
Window frame with Different dimensions  
Strapping Dimensions are between 8-16mm

# CASE FORMER



## Model

Bos Formec



## Technical Specifications

It works 25 boxes /min and 30 boxes /min  
Moving system with Pnomatic & servomotor  
It can be automatic dimensions changing  
It can works banded or hot-melt  
It works very quite



## Model

Bos F1000/Bos F2000



## Technical Specifications

It works 13 boxes/min  
It available for small and medium boxes  
Venturimeter system works



## Model

Bos Nylon Insert



## Technical Specifications

Automatic nylon feeding system from the bobbin into the box  
Standart system 18 boxes/hours with servo  
Stainless steel coating , easy size change from the screen  
Feeding into crates and pans in out of the box  
Control with PLC  
Feeding system double roll  
Reject system in wrong nylon adding  
Automatic height detection

# CASE PACKER



## Model

Bos Packtronic

## Technical Specifications

It is a box packer system

Box opening and box closing must be added

By increasing the number of grippers,

very high speeds can be achieved

Compact Design and takes up little space

Thanks to the different Gripper geometry,

it can pack many different products



## Model

Bos Combitronic

## Technical Specifications

Box opening , Box Packer , Box closing

Maximum capacity is 22 boxes/hours

It can palletize with the addition of a robot arm

3 different property one machine

Saving Space

# CASE CLOSER



## Model

Bos 470 Full Automatic

## Technical Specifications

Side straps or Bottom top straps

Flexible automatic closing system

Single motor belt drive system

Precision closing of the box

50% energy saving



## Model

Bos 52 Semi-Auto

## Technical Specifications

Semi-automatic box banding system

Can be with side straps or top and bottom straps

Single motor belt drive system

Precision closing of the box

50% energy saving



## Model

Bos Random

## Technical Specifications

Banding by positioning in different sizes

Semi-auto or full automatic

Full auto model makes auto top coating and has PLC

Single motor belt drive system

Precise box closing



## SHRINK & WRAPAROUND



### Model

Bos LP Shrink

### Technical Specifications

Straight cut Shrinking

Linear or 90 degree feeding

It can be integrated Full Automatic Line

Suitable for cosmetics and food industries



### Model

Bos Shrink & Wraparound

### Technical Specifications

Overlap Shrinking system

Only film, film+cardboard, pan shrink can be applied

Patented Tunnel system

Especially suitable for beverage and food industry

## LABELLER



### Model

Bos Simpl Cut

### Technical Specifications

Innovative coil-fed label system

High speed hot-melt label with Roll Fed logic

Adhesive system before label cutting

It saves energy by using 2 drums instead of the classic 3 drums

Does not tire the machine thanks to more labels on the drum

Dimension change is short thanks to the easy-to-install blade



### Model

Bos Self Adhesive

### Technical Specifications

In the high-volume PET – water and soft drinks sector, MAK Roll Feed offers production speeds between 6,000 b/h and 40,000 b/h.

It is the Self-Adhesive Labeling We Use in Our Lines

With our PACKLAB Module Systems, we can achieve High Speed with High Bonding Sensitivity

It can also be applied to difficult bottles such as cylindrical, oval

Thanks to its NON STOP feature, it can work continuously without any size change

## LOAD CELL FILLER



### Model

Bos WP Loadcell

### Technical Specifications

From 3 lt to 1000 lt Aseptic Filling Can be Integrated with Flowmetric or Weight Filling Automatic Cartoning Suitable for Juice, Tomato and Milk Filling

## FLOWMETRIC FILLER



### Model

Bos Flow

### Technical Specifications

Filling system with flow meter used in complete lines.  
It is especially used in the filling of cosmetic and viscous products  
Machine selection is made according to the applied project  
It is also used in acidic environments



# BAG FILLING



## Model

BOS BAG FILLING

## Technical Specifications

Bag formation from the coil

K bonding system

Weight scale system

Adhesive cleaning system

Side gusset system



Basit Dikiş Dikiş + Sızdırmazlık Sıcak Tutkelli Dikiş Sıcak Yapıştırma Kıvrımlı Dikiş Sıkıştırma Üst Kapatma Kağıt Dikiş Sıcak ve Çıkartma Uygulaması

**TORBA KAPAMA ÇEŞİTLERİ**

# ASEPTIC FILLING



## Model

BOS ASEPTIC FILLING

## Technical Specifications

Aseptic Filling from 3lt to 1000lt

Flowmetric or Weight Filling

Can Be Integrated With Automatic Packing

Suitable for Juice, Tomato and Milk Filling

## QUALITY CONTROL



**Model**  
Bos Metal Dedector



**Technical Specifications**

- Adjustable conveyor speed
- 3 Level Access protection password
- Working with multi-frequency
- Phase adjustment function according to the product
- Alarm options for various functions
- Stable working functions against environmental interference
- High sensitivity to all magnetic and non-magnetic metals
- Separating metal-based product on the conveyor.
- Subsequently Conveyor stop system



**Model**  
Bos Checkweighers

**Technical Specifications**

- Ability to Decrease To Very Narrow Tolerances
- High Precision
- INTEGRATED Compact System with Metal Detector
- Statistics Feature



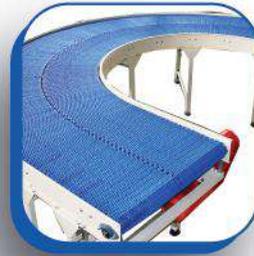
**Model**  
Bos X-Ray

**Technical Specifications**

- Contamination, Package Defects
- Air Bubble Control
- Since the radiation level is very low, it can also be used in the food industry.
- It can be INTEGRATED with Checkweigher and used in process analysis.



## CONVEYORS



**Model**  
Bos Modular

**Technical Specifications**

- Modular for Box or Shrink product
- Beaded or PVC conveyor belt
- Custom design
- We have references used especially in the Food and Beverage Industry.



**Model**  
Roller Pallet Conveyor

**Technical Specifications**

- It is a pallet transport system.
- The palletizer can be used between end-of-line machines such as pallet wrapping and strapping, or at the exit.
- It can be used as thin or thick according to the project.
- Special design can be made.



**Model**  
Bos Flexible

**Technical Specifications**

- It is a foldable or deformable flexible conveyor.
- It can be produced in different lengths.



**Model**  
BOS TURNTABLE

**Technical Specifications**

- Rotary conveyor that can change the direction of the pallet 90 degrees.
- It can also be chain or roller.
- Special design according to the project.

