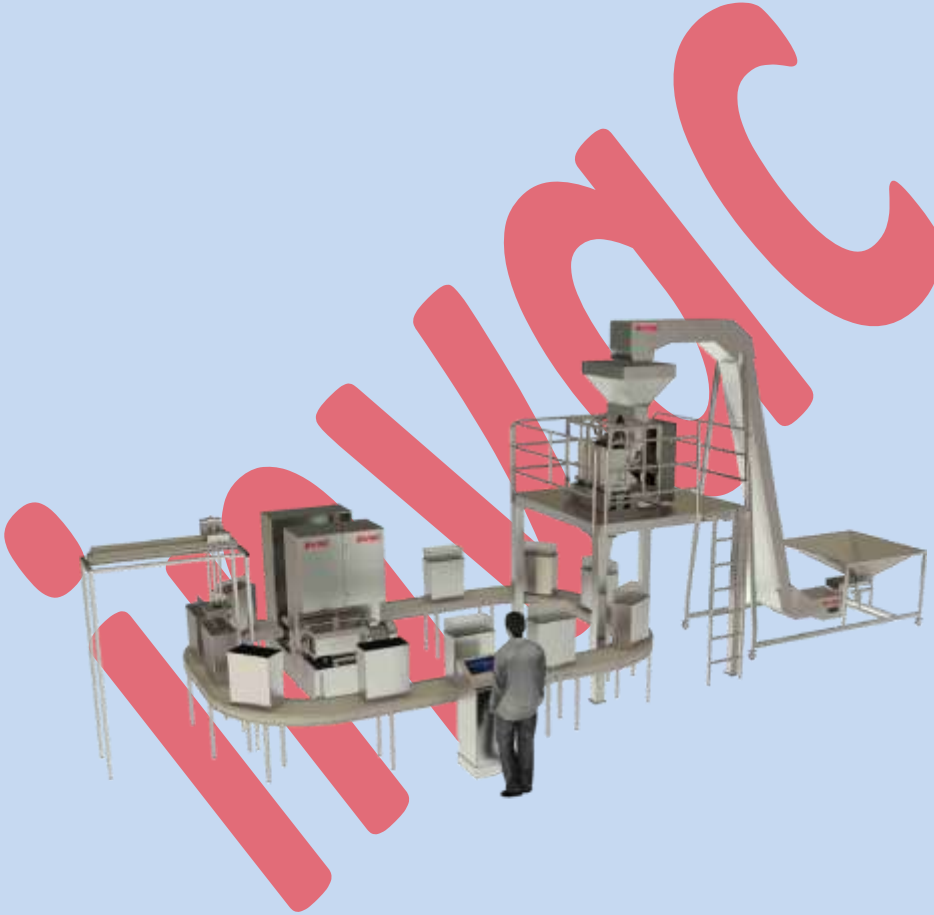




TECHNICAL CHARACTERISTICS

FULL AUTOMATIC VACUUM PACKAGING MACHINE

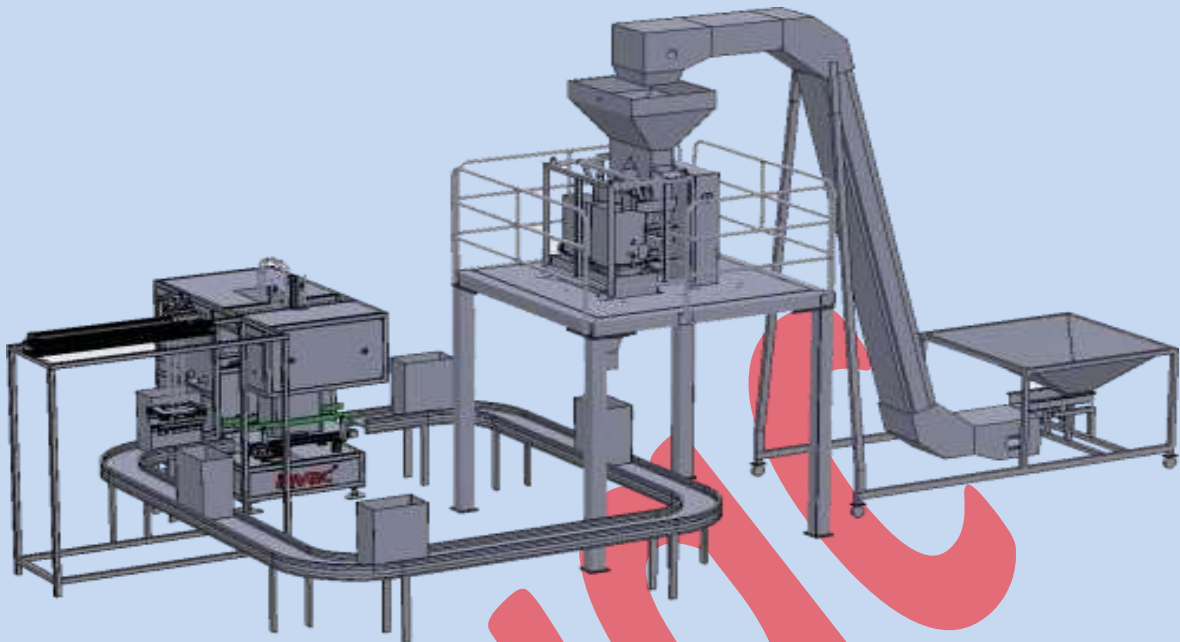


INVAC MAKİNA TİC VE SAN LTD. ŞTİ.

Erenler Mah. Uluyol Cad. No:38 54200 Erenler SAKARYA

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0090 5333793124

DESCRIPTION



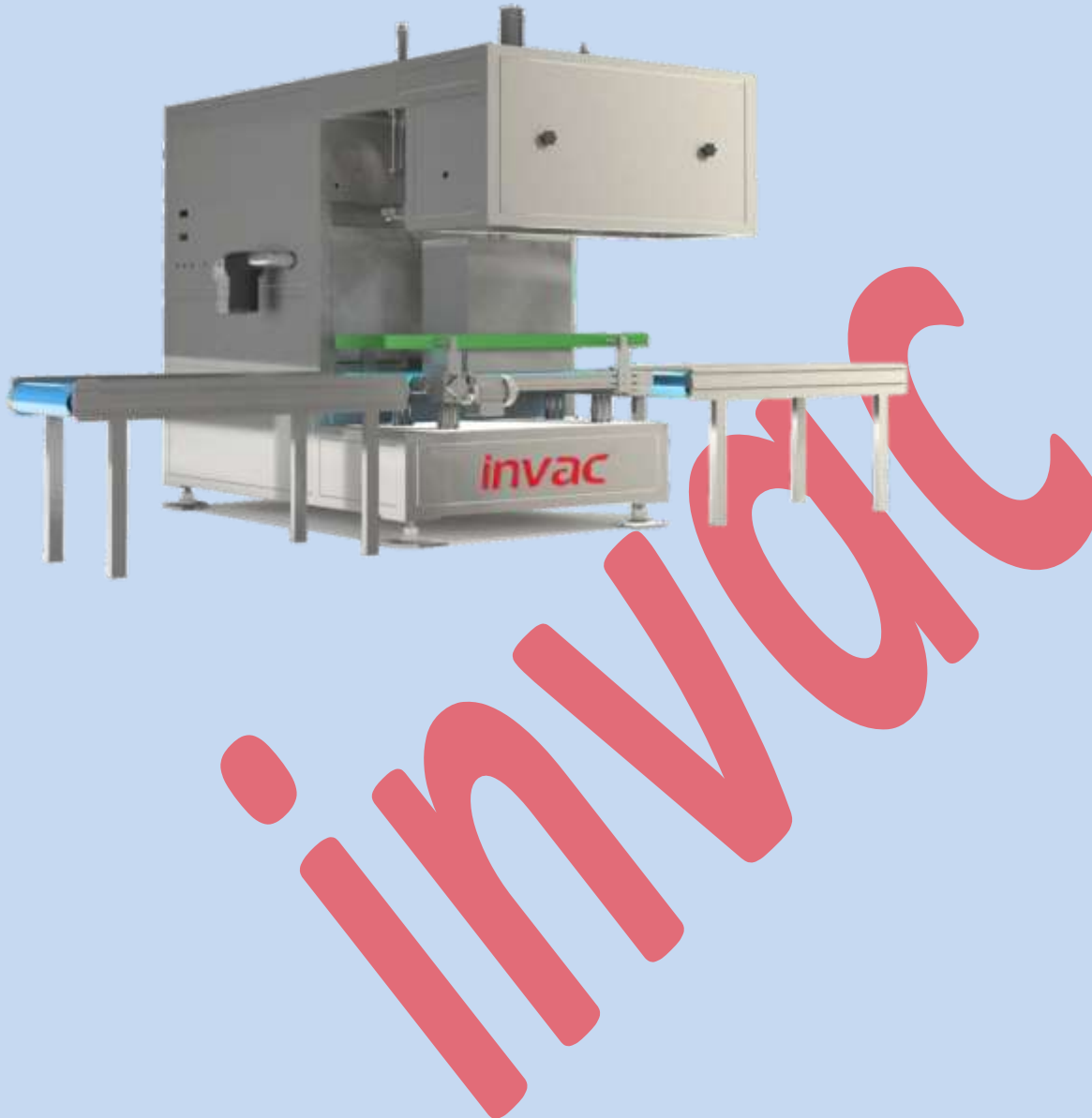
Electrical Connection	: 380 V / 50 Hz
Power	: 10 kW
Line measurement	: Min 3m - 6m
Max/ Min Filling	: 3 – 6 tonne/hour
Vacuum Capacity	: 240 packet / hour between 5-25 kg
Material	: Stainless Steel 304 L
Sensitivity	: +/- 5 g – 10 g
Control Panel	: PLC, touching pannel Sealing System: Pneumatic Robotic System: Pneumatic

IT CONTAINS FOLLOWING:

FILLING SYSTEM
OTOMATION
CONVEYOR (16 m)
VIBRATION SYSTEM
AUTOMATIC VACUUM MACHINE
ELEVATOR
TRANSFER ROBOT



OPEN TYPE AUTOMATIC VACUUM MACHINE



Weight	: 900 kg
Vacuum power	: 160 m ³ /h
Packaging capacity	: 4 packages / minute
Body	: Stainless steel 304
Sealing length	: 90 cm

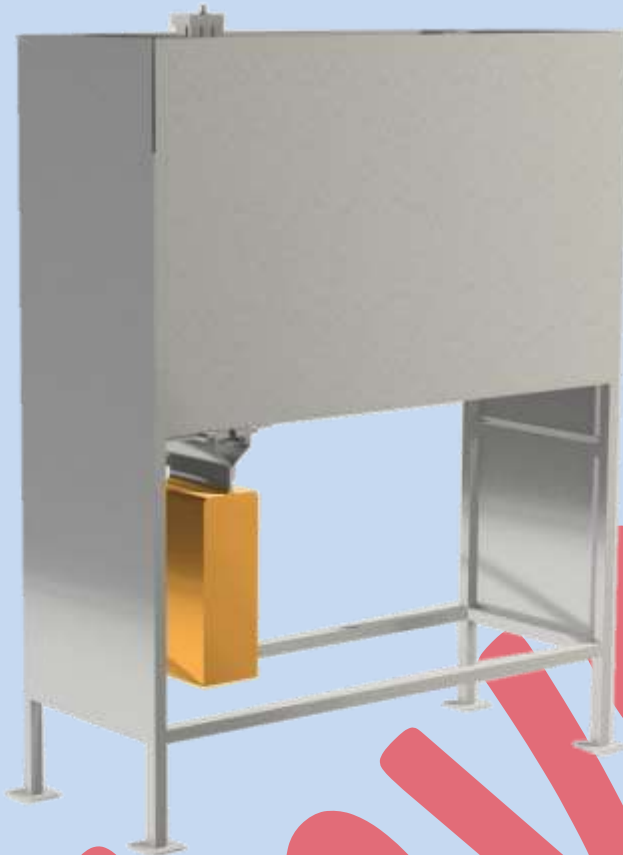
LINEER SCALES FILLING MACHINE



Weight	: 600 kg
Dimensions	: 2000x 2000x3600 mm
Number of Scales	: 2 p
Sensitivity	: +/- 20 gr
Scale capacity	: 25 kg
Total scale capacity	: 50 kg
Stainless Steel	: optional
Number of Outputs	: 1
Speed	: 4 packages / minute (for 25 kg)

Linear Filling unit, vertical machines, packers, and so on. That is one of the most advanced computer aided weighing systems that work with high-speed packaging elements. These scales contain pneumatic technology that controls the opening of the weighing scale and has the ability to fill-up the desired speed volume and time

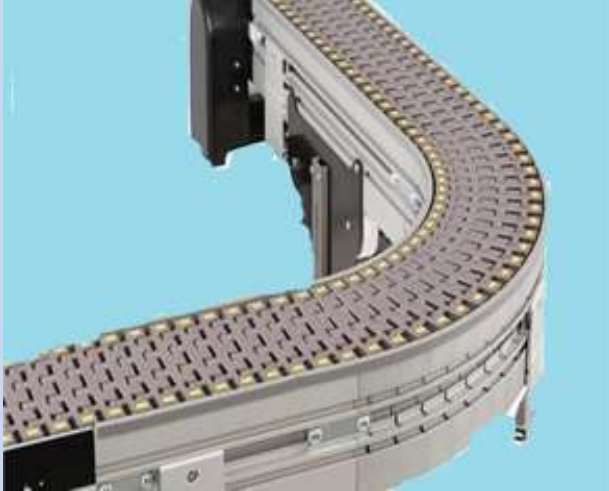
TRANSFER UNIT



Weight	: 250 kg
Dimensions	: 1800x700x2300 mm
Operating Pressure	: 5-6 bar hair
Voltage	: 3 phase, 380 v, 50 hz
Transferring Capacity	: max. 25 kg
Body	: Stainless steal 304
Speed	: 240 packages / h

Industrial transportation robots are used in many sectors such as industrial robotic transportation, transfer of goods between lines, when human power is limited or not available, fast transportation, hygienic sectors, hazardous high-risk areas. In the direction of International standards and regulations, robotic transportation automation provides a high degree of added value both in terms of security and field integration. It offers a complete solution with programming integration and the development of linear transport robots. We prefer transportation robots of Rexroth and FESTO brands.

TRACKED CONVEYOR BELT



The pallet conveyor belts which have been designed according to the projects and demands are manufactured from the materials meeting the food criteria.

It is 16 meters long. This is necessary in order for the vacuumization process to complete a full cycle, including filling, etc.



AUTOMATION SYSTEM



Siemens S71200 Series Modular Type PLC and Siemens KTP Series Profinet Basic. In our automation are used Touch Screen systems. We use the Schneider brand in our automation system. We offer easy-to-understand and easy-to-use screen designs.

TECHNICAL FEATURES

- The system is able to do packing from 5-10-15-20-25 kg.
- The system consists of the filling system (weighing-filling), vibration system, vacuum packing machine, elevator, transfer robot, conveyor belt.
- All the process is combined with the modular belt conveyor and it is able to be adapted according to your production line.
- Double weighing scale and single station filling.
- Higher capacity with double weighing unit
- 3-6 ton/hour filling capacity according to the product range.
- Automating adjusting of the system parameters for the selected weight.
- Selection of 5-10-15-20-25 kg via a button on the control panel.
- Vacuum packing capacity: 240 package/h with open type vacuum machine,
- On the other hand, Products need to be vibrated, so after the vibration process, a worker doesn't need to push a mold to the other side of the belt.

AUTOMATIC LINE MATERIAL BRANDS

- **DC Servo Control (2 pieces) From Germany,**
- **DC Control Panel (1 piece) From Germany,**
- **Delta Control Panel for filling System (1 piece) from Germany,**
- **Stainless Steel 304 L Brand From Germany**
- **Bosch Rexot Robotic System From Germany,**
- **For open type vacuum machine 160 m3 vacuum pump ELMO RIETSCHLE Brand From GERMANY,**
- **Vacuum Machine with gas system From Turkey,**
- **Filling System From Turkey,**
- **Filling system foods galvanize and body is stainless steel,**
- **“Z” type elevator (conveyor belt) from Turkey as Niko Product,**
- **Electric Materials Schneider and Siemens From Germany,**
- **All materials contacting products are made from stainless steel, other parts from galvanize,**
- **FESTO Pneumatic System From Germany,**
- **Weighing System From Turkey,**
- **Our own Automation System Software INVAC from Turkey, Stainless Steel molds (15 pieces) material from Turkey**



The Full Automatic Line is designed with a conveyor belt system that can be changed according to the production line. The pre-supplied bags are placed in the molds. The weighing of the products taken to the filling unit is done automatically. Mold filling is done on the line by operator command or automatically. The mold filled with the product enters the vibration process and the product gaps are removed. The system automatically carries the molds to the front of the vacuum unit. Here, the vacuuming process of the previous mold is expected. When the previous mold vacuuming process is finished, the system takes the new mold in and starts the vacuuming operation. The package vacuumed in the mold is taken from the band with the help of the robot and sent to the stacking unit. This process continues cyclically.

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