

Made by

**NEWTEC BAG  
PALLETIZING**



# PALLETIZING SYSTEMS FOR BAGS





# WELCOME TO **NEWTEC** **BAG PALLETIZING**

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# PALLETIZING AND LOADING TECHNOLOGY

*“Tomorrow’s palletizers and loading systems will enhance the delivery of the package by treating both the bag and the operator with more care than ever before.”*

Jean Uragano, Sales Director





# THE ORIGINAL

For many years NEWTEC BAG PALLETIZING is developing and producing palletizing systems. As the first international offspring of the original inventor of the palletizer, NBP is grown to a worldwide successful supplier and expanded their diverse line of palletizing systems to include automatic truck loading systems, railcar loading and fully flexible bag loading systems. All palletizers and loading systems enhance the delivery of the package by treating both the bag and the operator with more care than ever before.

## Our products

- Bag palletizer for middle and high speeds
- Bag palletizer for robotic handling of bags
- Robot for palletizing bags
- Stretch hood machines for speeds of up to 120 pallets per hour
- Wrapping machines for stabilising pallets
- Automatic truck loading systems
- Railcar loading
- Fully flexible bag loading systems

## Main applications

- Cement industry
- Building materials industry
- Minerals and refractories industry
- Chemical industry
- Food and pet-food industry

## Your advantages :

- Wide range of solutions with high and low constructions
- High performance equipment
- Stable layer for a safe transport
- Digital and continuous performance monitoring
- Interactive documentation
- Optimal accessibility
- Interactive touchpanel
- Modular expandability
- Reduced noise level
- Easy maintenance
- Worldwide service

## Your benefits:

- Reduced investment and operation costs for the housing due to less space for the equipment
- Reduced broken bags and complaints due to friendly bag-handling
- less space
- performance monitoring



HAYER & BOECKER is a family-owned and run, medium-sized company headquartered in Oelde/Germany. The company's global division is focused on designing premium processes by combining all technologies from silo inlet to final dispatch as well as the complete quarry and processing operations. In order to offer its customers process chains without any compromises, assemble nothing but the best technology brands; all owned 100% by HAYER & BOECKER.

W.S. TYLER, IBAU HAMBURG, SOMMER, FEIGE FILLING, BEHN + BATES, NEWTEC BAG PALLETIZING and HAYER & BOECKER offer customized systems for processing, storage, mixing, filling, packing, palletizing, loading and automating from a single source.

PROCESSING STORAGE MIXING FILLING PACKING PALLETIZING LOADING AUTOMATION





# PALLETIZING SYSTEMS FOR THE CEMENT INDUSTRY

Bag type: Paper, PE, woven PP  
Bag weight: 25 to 50 kg  
Capacity: up to 5,000 bags/hr  
Specific application: Palletless, Palletizing in Big-Bag, Palletizing on "slip-sheet"  
Pallet type: All types  
Product: cement





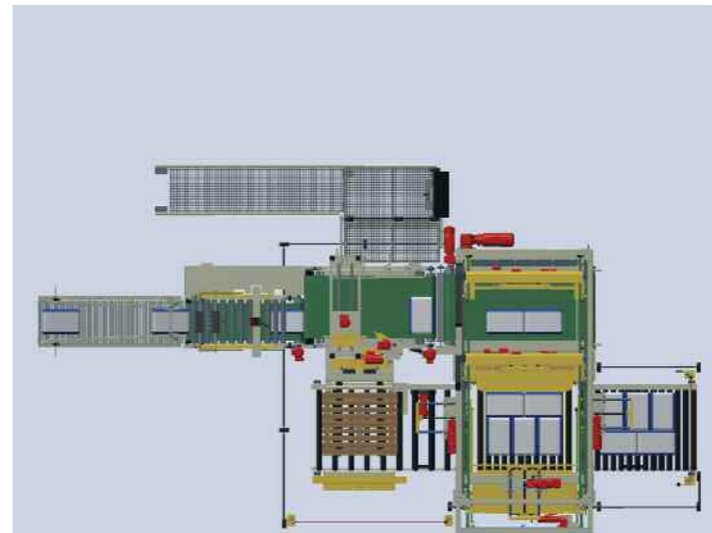
# PALLETIZING SYSTEMS FOR THE CEMENT INDUSTRY

All the palletizers can be expanded with different additional equipment:

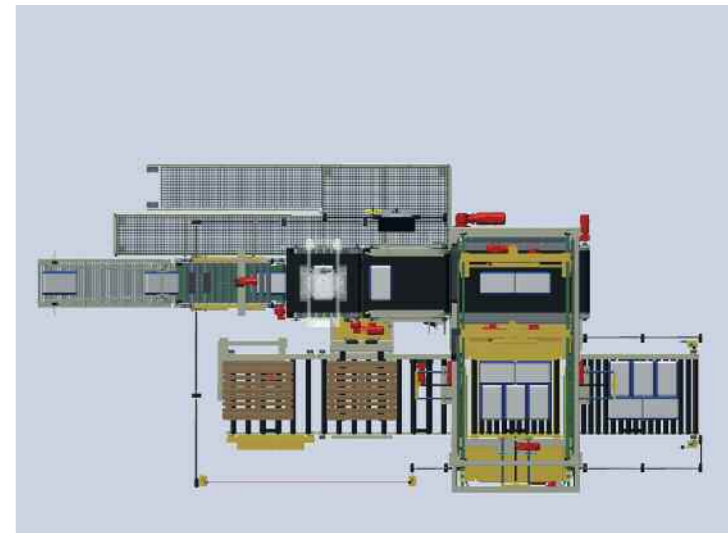
Metal-detectors, bag discharge, bag sizing, deposit of bottom sheets, deposit of PE film, additional empty-pallet-magazine, centering-plates, pallet press, etc.



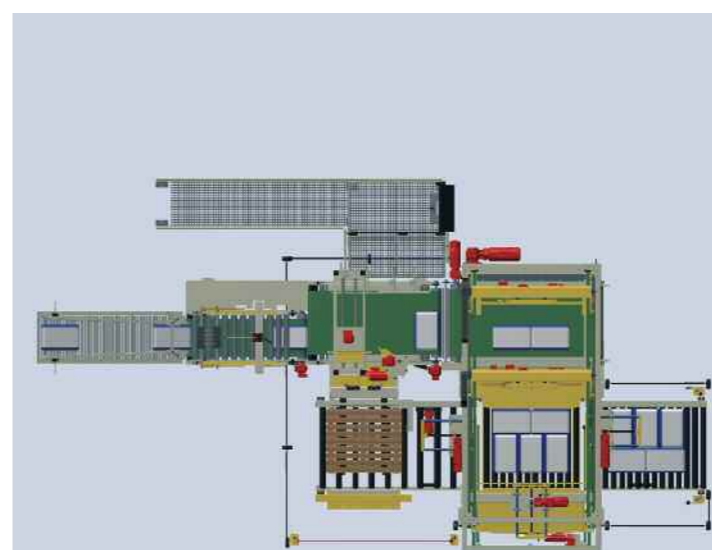
Series 5000



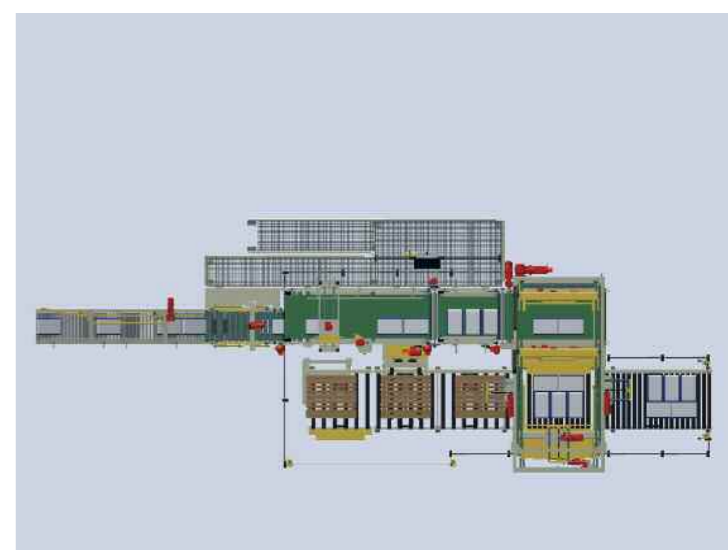
**Model 2000 – up to 2000 bags/hr**  
Bag alignment via bag transfer and movable plate.



**Model 2500 P – up to 2500 bags/hr**  
Configuration identical to Model 1800; in addition with a grouping belt.



**Model 2500 B – up to 2500 bags/hr**  
Bag alignment via bag transfer and movable plate.  
Grouping belt above the palletizer.



**Model 4000 – up to 4000 bags/hr**  
Bag alignment via bag transfer and movable plate.  
Transfer via a motorised drum. Grouping belt above the palletizer.



# PALLETIZING SYSTEMS FOR THE BUILDING MATERIALS AND MINERALS INDUSTRY

Bag type: Paper, PE, open mouth, woven PP  
Bag weight: 1 to 50 kg  
Capacity: up to 3,000 bags/hr  
Specific application: Palletless, Palletizing in Big-Bag, Palletizing on "slip-sheet"  
Pallet type: All types  
Products: Powder, dry mortar and minerals

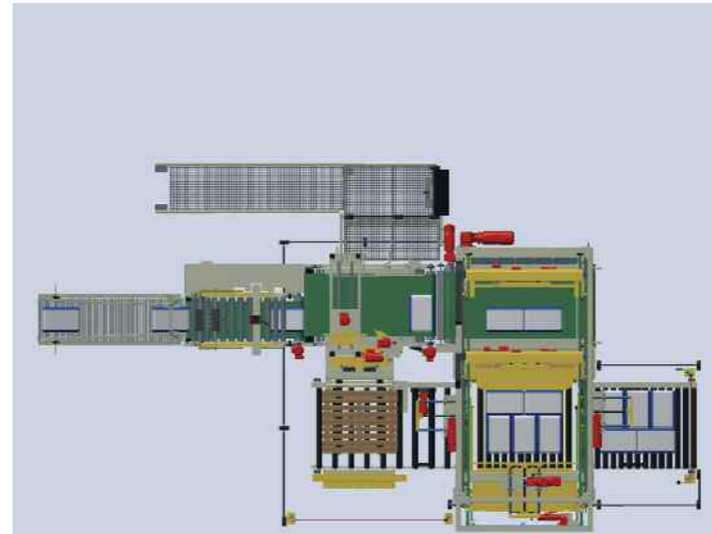




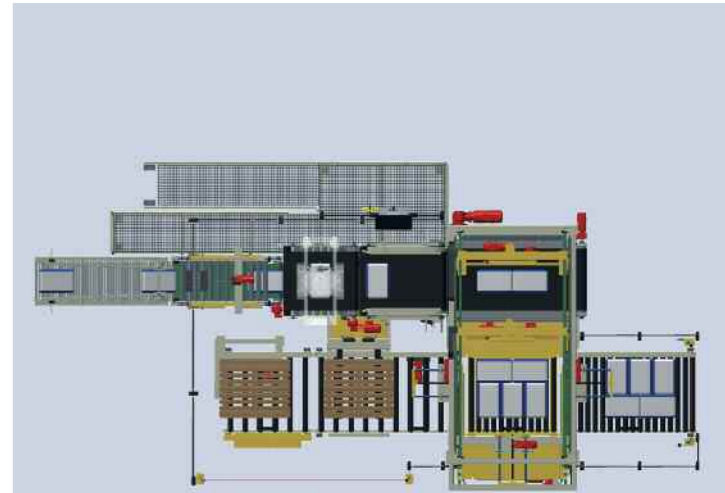
# PALLETIZING SYSTEMS FOR THE BUILDING MATERIALS AND MINERALS INDUSTRY

All the palletizers can be expanded with different additional equipment:

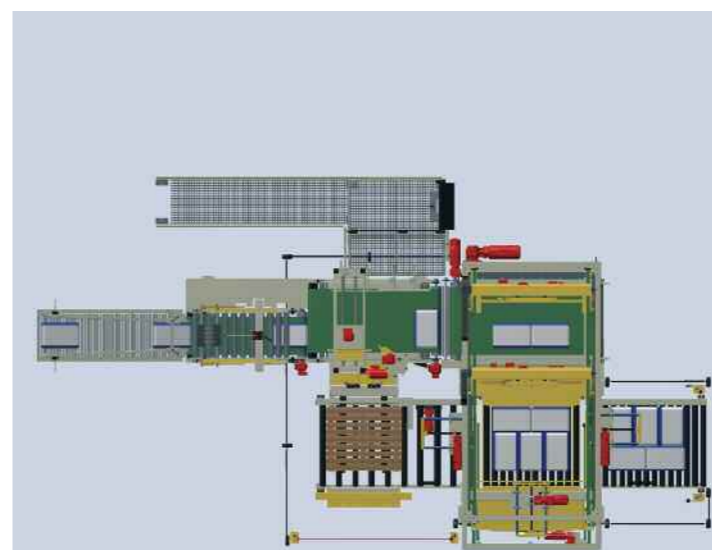
Metal-detectors, bag discharge, bag sizing, deposit of bottom sheets, deposit of PE film, additional empty-pallet-magazine, centering-plates, pallet press, etc.



**Model 2000 – up to 2000 bags/hr**  
Bag alignment via bag transfer and movable plate.



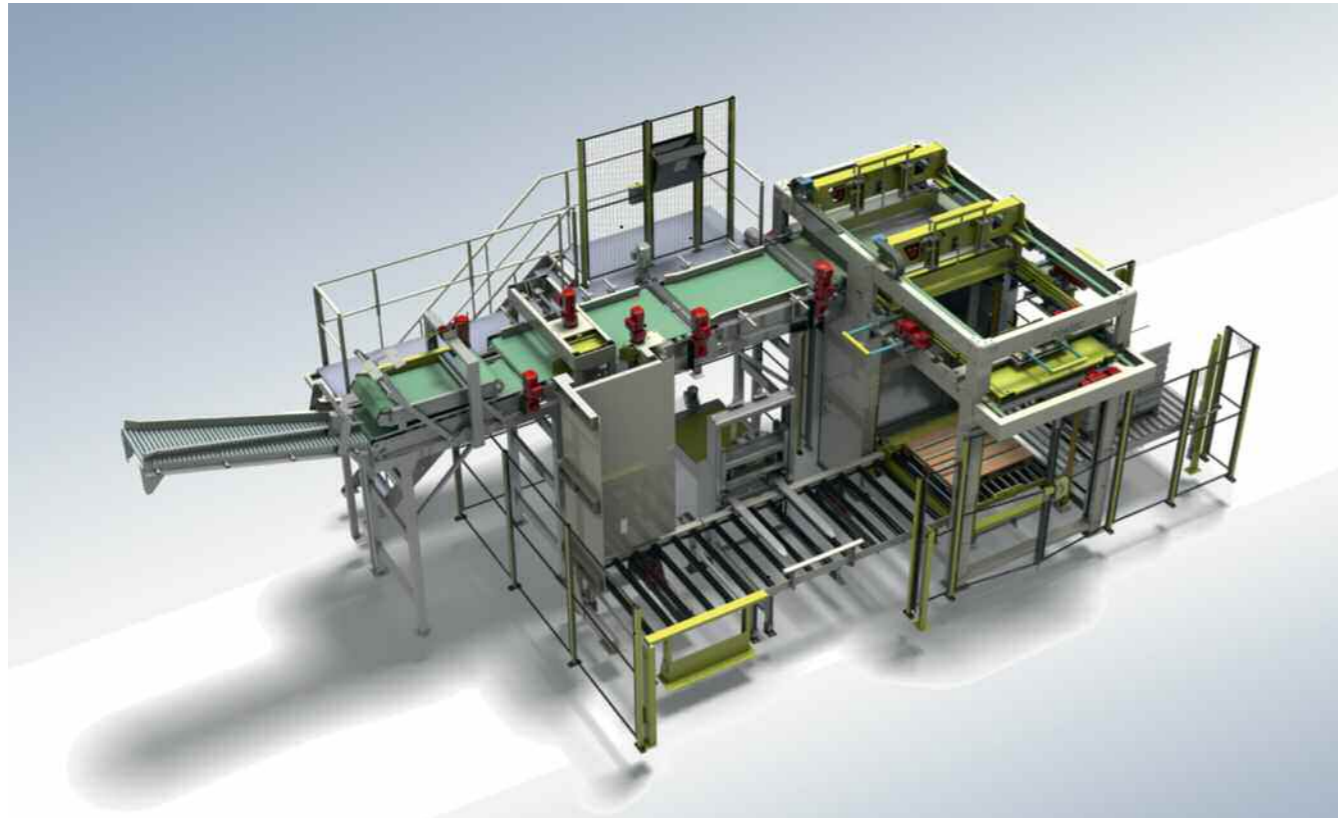
**Model 2500 P – up to 2500 bags/hr**  
Configuration identical to Model 1800; in addition with a grouping belt.



**Model 2500 B – up to 2500 bags/hr**  
Bag alignment via bag transfer and movable plate.  
Grouping belt above the palletizer.



**Model 4000 – up to 4000 bags/hr**  
Bag alignment via bag transfer and movable plate.  
Transfer via a motorised drum. Grouping belt above the palletizer.





# PALLETIZING SYSTEMS IN THE CHEMICAL INDUSTRY

Bag type: Paper, PE, open mouth, woven PP  
Bag weight: 5 to 50 kg  
Capacity: up to 3000 bags per hour  
Specific application: Palletless, Palletizing in Big-Bag, Palletizing on "slip-sheet"  
Pallet type: All types  
Products: Petrochemistry and fine chemistry

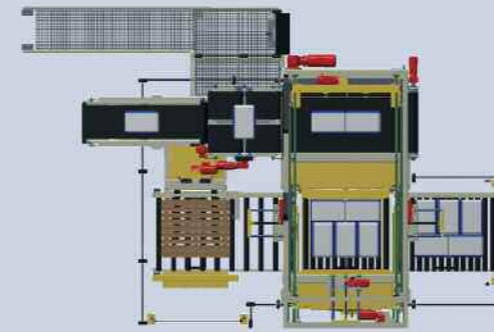




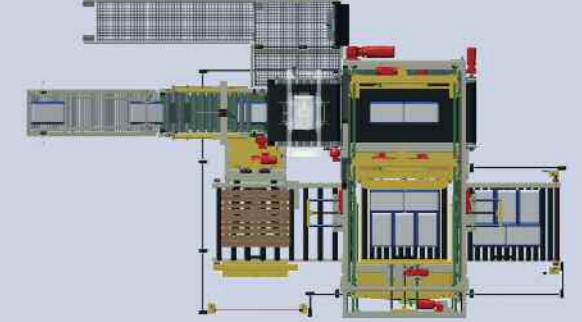
# PALLETIZING SYSTEMS IN THE CHEMICAL INDUSTRY

All the palettizers can be expanded with different additional equipment:

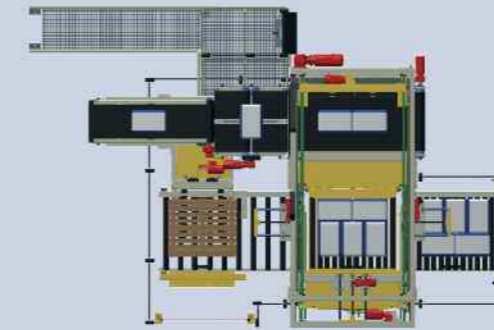
Metal-detectors, bag discharge, bag sizing, deposit of bottom sheets, deposit of PE film, additional empty-pallet-magazine, centering-plates, pallet press, etc.



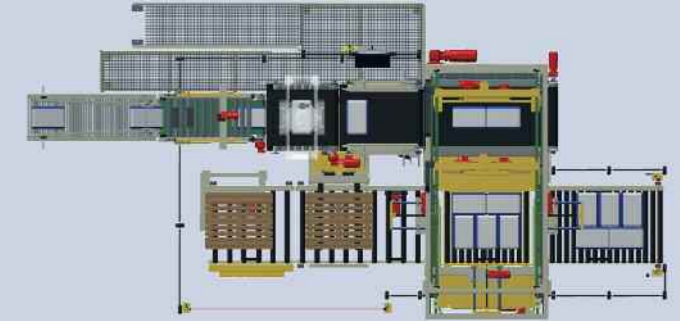
**Type 500 – 100 to 400 bags/hr**  
Conforming plates (B and C). Fischer row pusher.



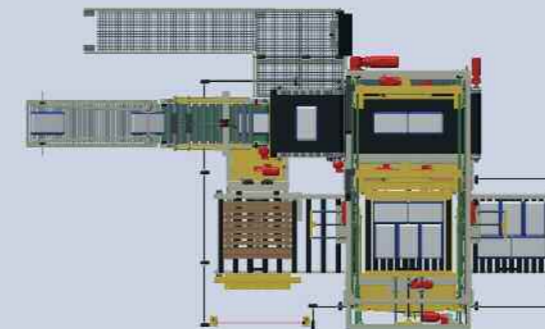
**Type 2000 – up to 2000 bags/hr**  
Configuration identical with Model 1500, additionally with a second row pusher (Guide A). Position over the gripper.



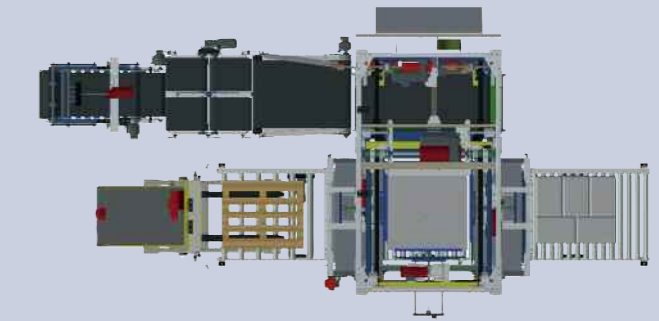
**Type 1000 – 400 to 1000 bags/hr**  
Motorised guides for four-side forming. Rectangular row pusher.



**Type 2500 P up to 2500 bags/hr**  
Configuration identical with Model 1800, in additional with a grouping belt.



**Type 1500 – up to 1500 bags/hr**  
Configuration identical with Model 1000. Attachment of vertical bag conveyor and a feed belt above the palletizer. Bag alignment via cross or gripper.



**Type TERRAM 1000 – up to 1000 bags/hr**  
Configuration identical with Model 1000. Attachment of vertical bag conveyor and a feed belt above the palletizer. Bag alignment via cross or gripper.



# PALLETIZING SYSTEM IN THE FOOD INDUSTRY

Bag type: Paper, PE, open mouth, woven PP  
Bag weight: 5 to 50 kg  
Capacity: up to 3,000 bags/hr  
Specific application: Palletless, Palletizing in Big-Bag, Palletizing on "slip-sheet"  
Pallet type: All types  
Products: Seeds, pet-food, flour, milk powder, sugar, cacao, etc.

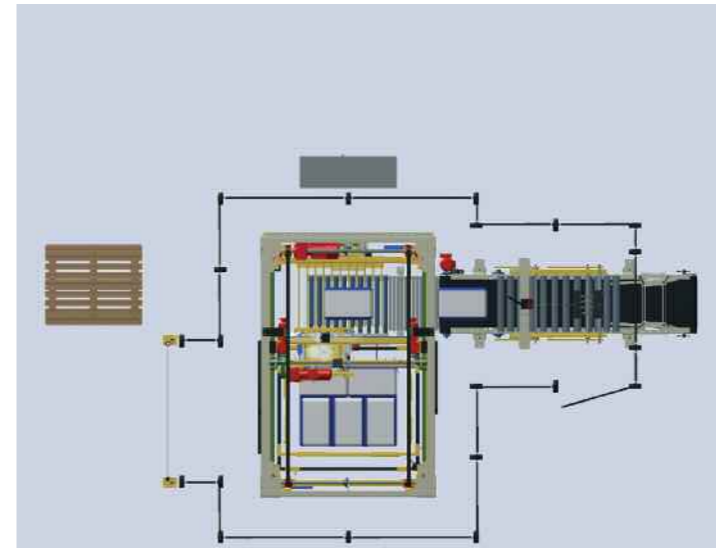




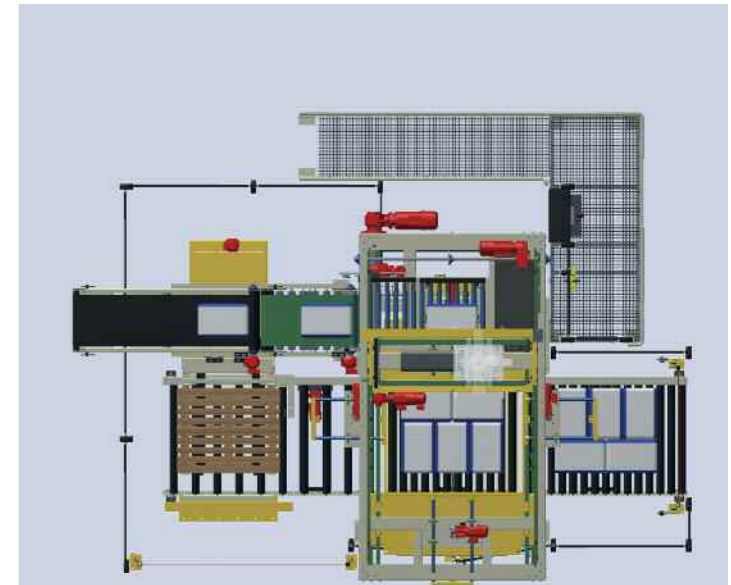
# PALLETIZING SYSTEM IN THE FOOD INDUSTRY

All the palettizers can be expanded with different additional equipment:

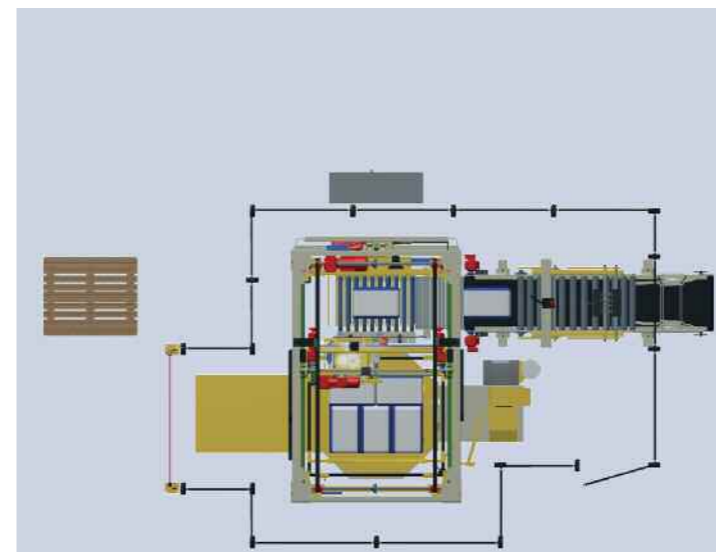
Metal-detectors, bag discharge, bag sizing, deposit of bottom sheets, deposit of PE film, additional empty-pallet-magazine, centering-plates, pallet press, etc.



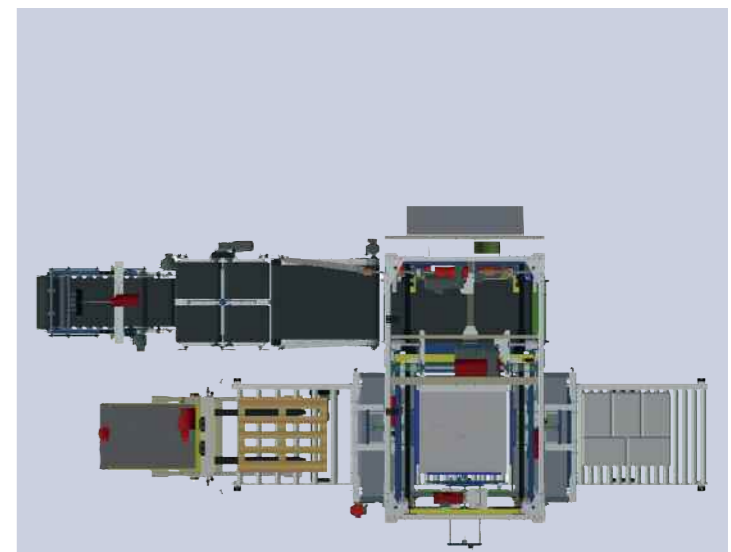
**Model G300 – 100 to 300 bags/hr**  
 Bag lifting table.  
 Bag gripper with mounted side plates.  
 Conforming plates.



**Model G500/G1000 - 100 to 1200 bags/hr**  
 Pallet lift table.  
 Bag gripper with mounted edge guides.  
 Four motorised plates for four-side forming (A,B,C,D).  
 Two half blind pallets.



**Model G300 + stretch-wrapper – 100 to 300 bags/hr**  
 Configuration identical to Model G300, in addition with four-side stretch wrapper.



**Type TERRAM 1000 – up to 1000 bags/hr**  
 Configuration identical with Model 1000.  
 Attachment of vertical bag conveyor and a feed belt above the palletizer.  
 Bag alignment via cross or gripper.





# LOADING SYSTEMS AND STRETCHHOOD

NEWTEC BAG PALLETIZING is offering complete palletizing lines with additional options:

- Stretchhood machines
- Shrinkhood machines
- Wrapping machines

## COMPLETE RANGE OF LOADING SYSTEMS HAVER & BOECKER OFFERS LOADING SYSTEMS FOR EVERY NEED

A higher prospect in the output, a higher and steady availability of the whole packing plant, more safety and health awareness, increasing labor expenses and the loading process itself are the main reasons to look for perfect and automatic solutions. HAVER & BOECKER offers the right system for each infrastructure and situation:

- The SpeedFlexx® (1) – fully automated loading of in-layers-arranged bags, canisters, pails, drums, Big Bags and IBCs, with or without pallets
- The SpeedRoad® (2) – automated loading of bags onto the cargo bed
- The SpeedLoad C-1000 (3) – fully automatic, pallet-free direct loading of bagged goods into ISO freight containers and open trucks





# SERVICE WORLDWIDE

*„Tomorrow’s service will no longer focus on the machine alone, but instead pursue the interest of its owner, operator and maintenance team. It will be proactive, diligent and adaptable to any circumstance. It will offer complete transparency at all times and at any location in regards to the processes’ condition, its performance and optimization potential.“*

Engelbert Köß, Head of HAVER Service



## COMMISSIONING YOUR FLOW

We understand your desire to get your new or upgraded equipment up and running quickly and smoothly. We also understand that safety is your highest priority. Therefore, we are focused on modernizing your production lines as safely as possible within the set time frames you wish to achieve. You determine the degree of services you wish us to provide.

## ASSISTING YOUR FLOW

We understand that unplanned interruptions in your flow cause you major headaches. In case of an emergency, quick and accurate help is critical in order to avoid upsetting your customers.

## SUPPORTING YOUR FLOW

We understand how valuable your process is to you. The total cost of ownership is key to your competitiveness. A smooth, constant and continuously improving flow is vital to your success. Our Support Specialists are motivated to design the best possible flow for your organization together with you. By analyzing the complete process and jointly working on solutions to eliminate

bottle necks, we will partner with you to maximize efficiency and effectiveness of your system. Our support team is also specialized on training your team in the training room as well as in the field. Our services are truly unlimited.

## ORIGINAL SPARE PARTS

We understand that spare parts are always a very important topic to you as they are usually associated with costs and logistical challenges. The temptation to save on parts by purchasing low-priced components or simply avoiding necessary exchanges often exists. However, the costs and frustrations of an unplanned interruption in your process due to a failed part are always exponentially higher than the investment into original spare parts. HAVER Originals are specially designed and quality tested with your reliability and safety in mind.





## **NEWTEC BAG PALLETIZING**

Palletizing and loading system

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