

HAVER & BOECKER



HAVER SpeedFlexx® AUTOMATIC TRUCK LOADING SYSTEM

HAVER SpeedFlexx®

We view ourselves as a provider of process solutions. Our well-known product line is now extended by a product which has not been available up to now and allows the automatic loading of palletized bagged goods onto open truck beds and trailers.

The HAVER SpeedFlexx® is a high-speed direct truck-loading unit with a loading speed of up to 260 tonnes per hour. The system's flexibility also allows delivery to stock in the event of dead truck times. Therefore high packing and palletizing plant capacity utilisation is assured even during times of missing trucks. By combining the proven components of stationary palletizing technology with conveying technology, the SpeedFlexx® system offers unique and reliable operation. Filled bags are handled with shipping and in-house pallets, as well as sheets. It is a loading unit that is designed for two truck lanes.

The HAVER SpeedFlexx® loader is an additional product of HAVER & BOECKER that is characterised by speed, rentability and flexibility.

The name SpeedFlexx® unifies all the advantages of this high-performance system:

Speed = performance

- Total speed of 260 t/hr
- Increases packer and palletizer operating time
- Fully automatic loading cycle
- 2 truck lanes
- Lane change in 11 seconds

Flexx = flexibility

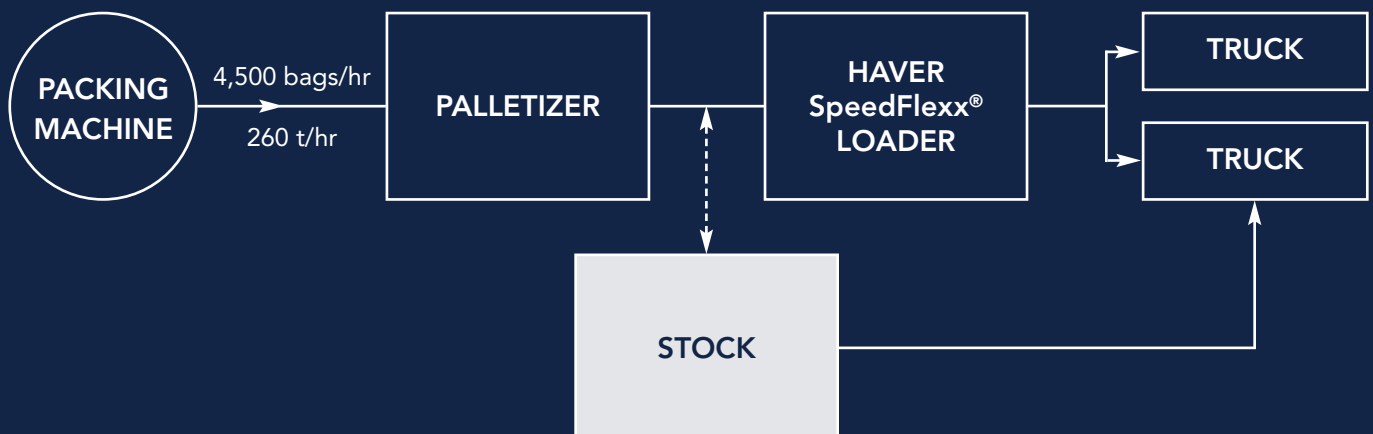
- All conventional pallets can be handled
- Combination direct loading/stocking is possible
- Split loads possible (simultaneous loading of trucks from palletizer and from stock)

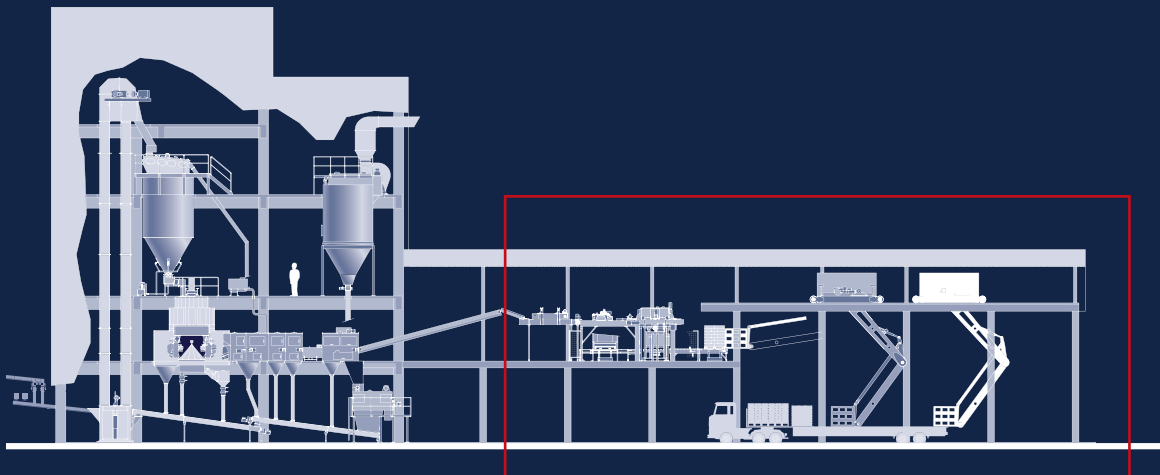
Design advantages

- Portal design for two lanes
- Robust construction for all moving parts
- Electromechanical moving processes without pneumatics and hydraulics
- Menu-controlled operating panel

Main areas of application

- Cement industry
- Building materials and minerals industry
- Chemical industry





BAG HANDLING

The HAVER SpeedFlexx® loader enters new territory when it comes to performance and scope of application: 260 tonnes per hour can be loaded with this truck loading system. This is possible through a highly efficient loading cycle and by trucks in a second lane, which reduces waiting times.

Type of load units

- Pallets with covers, shrink-wrap, stretch-film, or slings
- With or without pallets
- Slip sheet

The loading cycle begins with a scan of the truck bed surface. Using optical analysis technology, a three-dimensional image is produced and this assures that the truck bed is clear and ready to be loaded. During the loading process, open trucks on two travel lanes are alternately loaded with stacks of bags. This is done by a feeding rack installed over the truck. Once the loading of the first truck is completed, the HAVER SpeedFlexx® changes lanes within a few seconds and the second truck, which in the meantime had positioned itself in parallel, is then loaded.

The result: continuously high loading speeds are achieved during peak times.

Considering the anti-cyclic demand of the daily profile of a loading system, timeframes with reduced truck frequency will lead to the filling of the adjacent pallet stock. Here stocking is handled in the usual manner with forklift trucks. This enables continuous use of the packing and palletizing plant, and thus optimum utilisation of installed capacity.

Moreover, in the event of bottlenecks, it is also possible to reverse this process, i.e. to feed the HAVER SpeedFlexx® from a filled stock.

Valve bag types

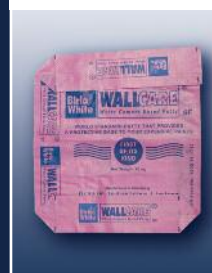
Paper bag
pasted



Woven PP bag
pasted



Woven PP bag
pasted (sealable)



PE bag
pasted (sealable)





Pallet types



In-house pallet with slip sheet



In-house pallet



Shipping pallet



Industrial pallet

HAVER SpeedFlexx®

The loading system responds flexibly with regard to the provision of bags. All types of pallets can be handled: in-house pallets with or without slip sheets, industrial, or shipping pallets.

The pallets do not necessarily have to be loaded onto the truck directly from the production line. They can also be sent to stock and then later brought to the truck by the loading system as needed.

Flexibility with the HAVER SpeedFlexx®

- All conventional load securing
- Minimisation of dead times when changing trucks
- Two truck lanes can be served by one unit
- Pallet configuration already pre-programmed in the software
- Pallet orientation crosswise and lengthwise possible

Type of shipping units

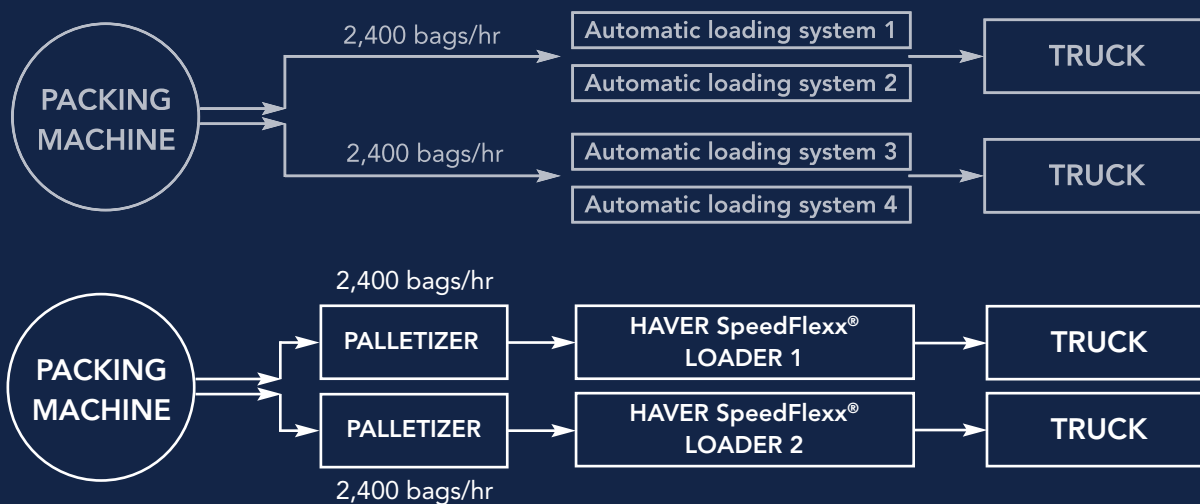
- Pallets / no pallets
- Slip sheet
- Covered

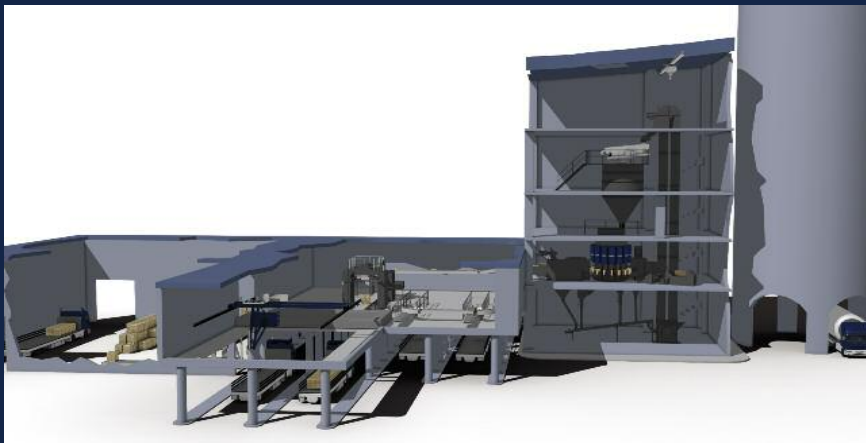
The HAVER logistics system

Cement

- IBAU silo facilities with bulk loading
- HAVER ROTO-PACKER® with automatic RADIMAT® bag applicators
- Stationary HAVER palletizing made by Newtec Bag Palletizing
- HAVER stocking system, block or high-rack system
- HAVER SpeedFlexx® – automatic truck loader for palletized goods

HAVER & BOECKER now supplements the processing chain with highly efficient loading systems!





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