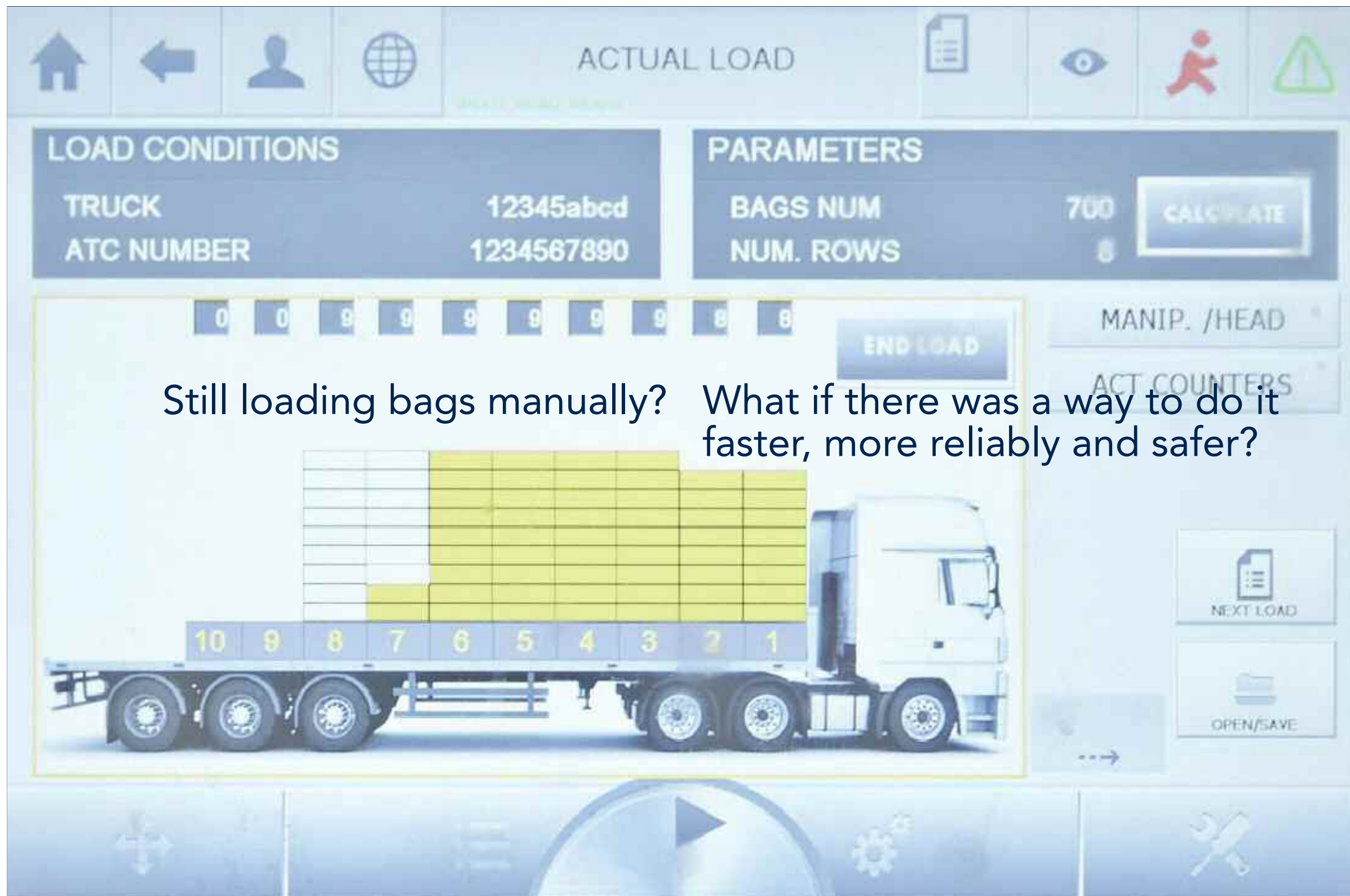


HAVER & BOECKER



**THE SPEEDROAD –
HAVER's high performance, automatic bag
loading system for trucks**



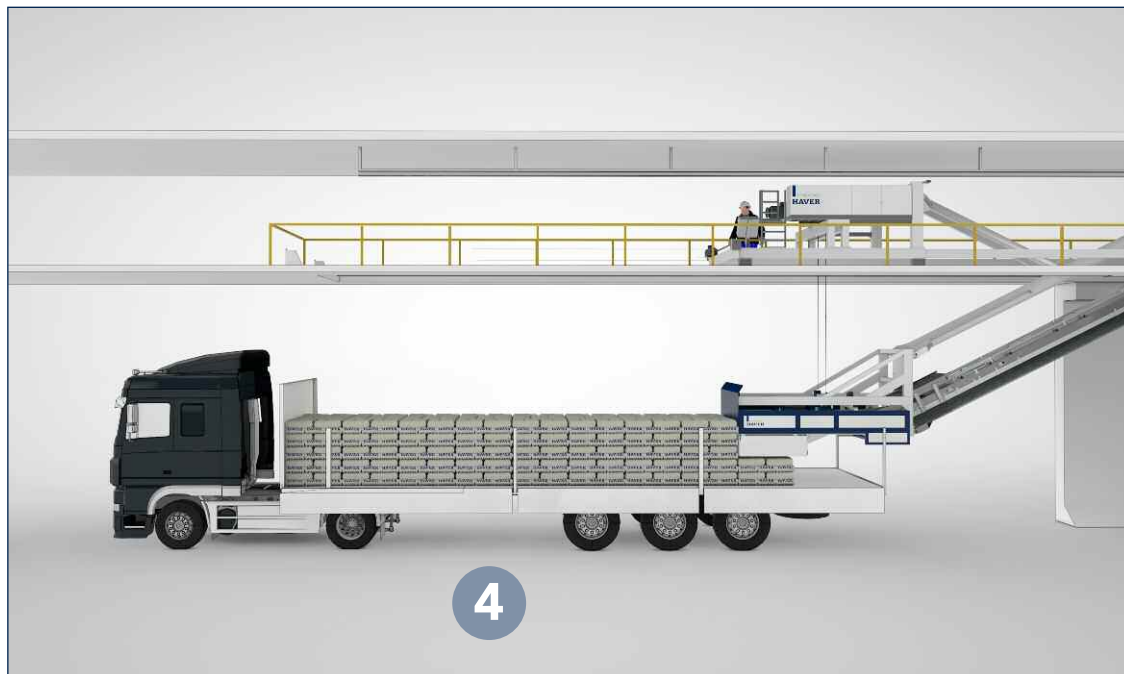


Truck loading process **without** pallets



Truck loading process **on** pallets

Truck loading process **without** pallets

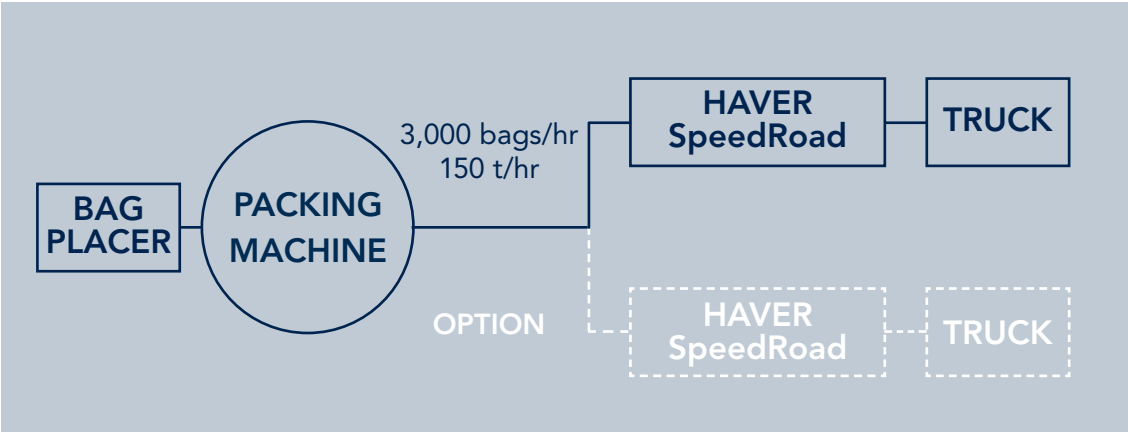
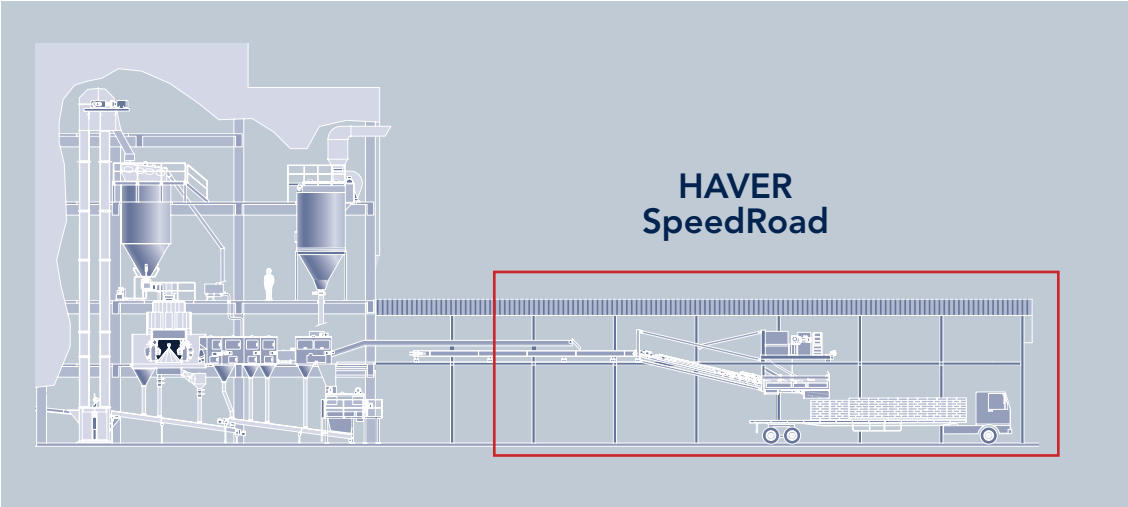


Truck loading process **on** pallets



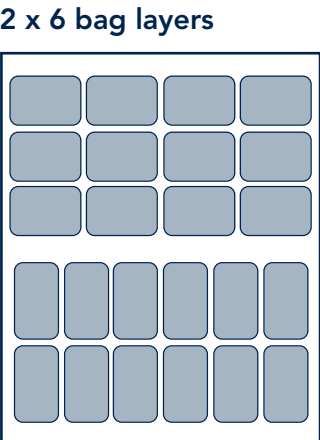
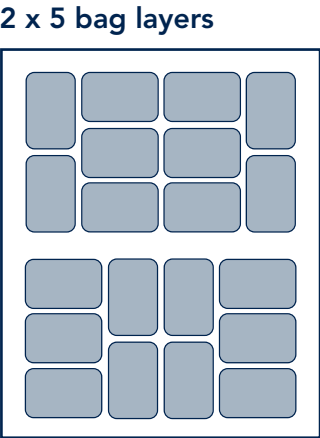
Now there is. Using the SPEEDROAD you will ...

- Maximize your profits by minimizing loading, waiting and delivery times
- Satisfy your customers with high-quality and stable loads
- Optimize your loading capacity
- Increase your operator satisfaction
- Create a safer working environment for your personnel



The HAVER SpeedRoad automatically creates layers out of your individual bags directly on the truck bed. In other words, it palletizes your bags during the truck loading process.

Arriving via belt conveyors from a packing machine, the individual bags are fed into the SPEEDROAD's palletizing head and positioned according to a pre-selected pattern (i.e. a. 2 x 5 bag layer). Once formed, the individual layers are stacked onto the truck bed until the desired loading weights are achieved. Using an easy-to-use control panel and optical assistance devices, the SPEEDROAD can minimize truck change-overs down to up to approx. 1 minute.



Other layers on request

Suitable bag types (selection)



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HAVER SpeedRoad

Your speedy solution for getting
your product on the road.



THE SPEEDROAD features:

- 1 **An AUTOMATED loading capacity**
- of 3000 bags/hr per SpeedRoad system

- 2 **A USER-FRIENDLY TOUCH control panel**
- for machine positioning

- 8 **EASY, FAST and SIMPLE MAINTENANCE due to**
- optimized access to the components
 - intelligent fastening systems
 - defined maintenance positions
 - solely mechatronic components

- 9 **OPERATOR SAFETY and COMFORT thanks to**
- safe access protected by safety switches
 - optional remote control with camera

- 10 **A ROBUST AND RELIABLE Construction, considering**
- the movement is driven mainly via rotation bearings
 - linear guidances are avoided
 - a strong mechanical structure

- 11 **HIGH QUALITY and STABLE truck loads as a result of**
- side movements for positioning
 - gentle bag handling
 - layer compacting units

- 3 **A MECHATRONICAL system without**
- hydraulics
 - pneumatics
 - vacuum systems
 - cooling systems

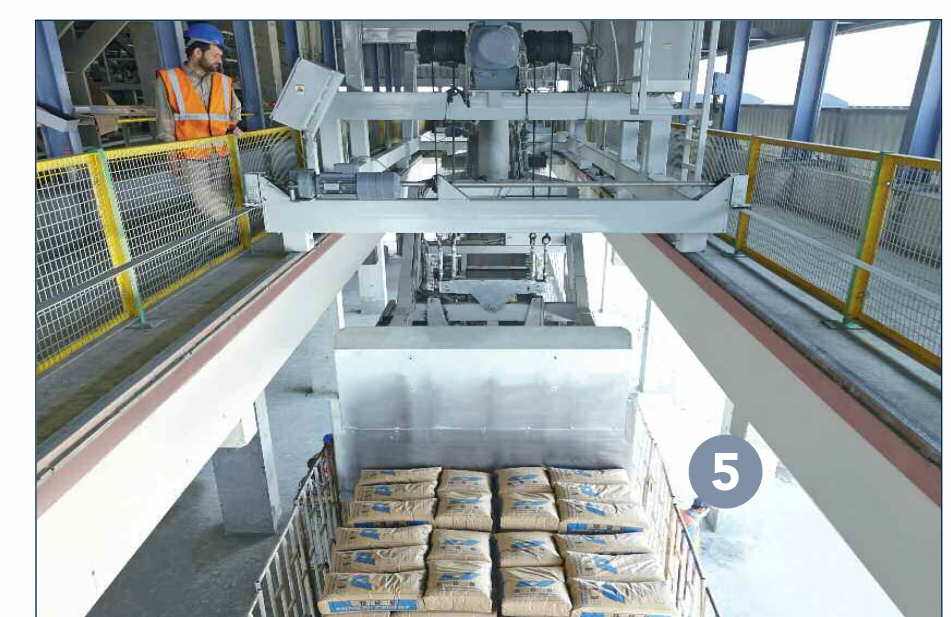
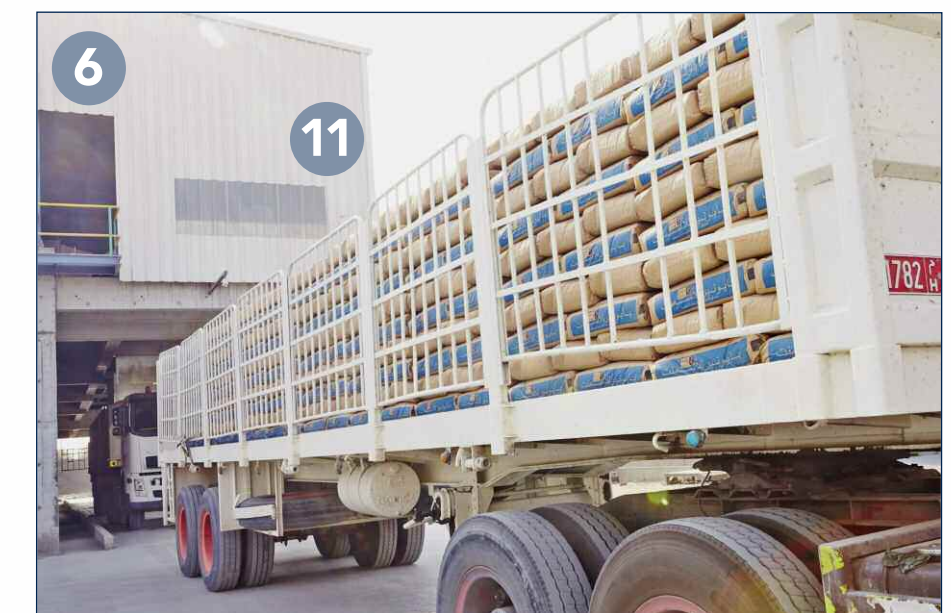
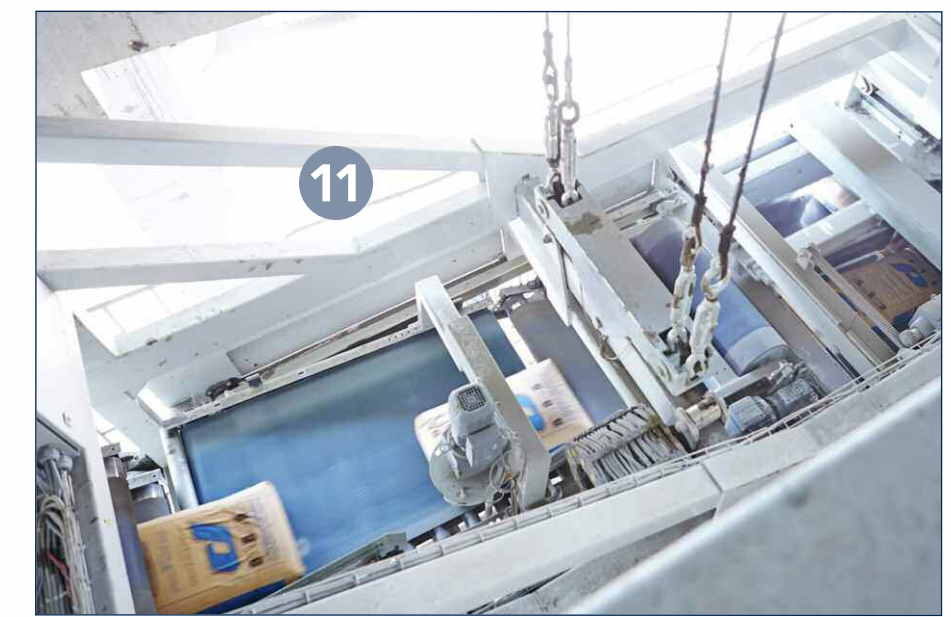
- 4 **Absolute FLEXIBILITY in regards to**
- different truck types
 - different truck bed types - with or without side walls
 - any kind of bag
 - loading with or without pre-positioned pallets

- 5 **Selectable LOADING PATTERNS in terms of**
- numbers of bags per layer
 - different bag weights

- 6 **Reduced INSTALLATION HEIGHT for optimal integration**
- into new projects
 - plant modernization or retrofitting

- 7 **High EFFICIENCY in matters such as**
- shipping and installation
 - CAPEX vs. performance ratios
 - power consumption
 - availability
 - operating costs

- 12 **Easy CONNECTIVITY using**
- an integrated switch cabinet with PLC control
 - only a power supply and signal exchange requirement
 - a link option to a plant network via bus system



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