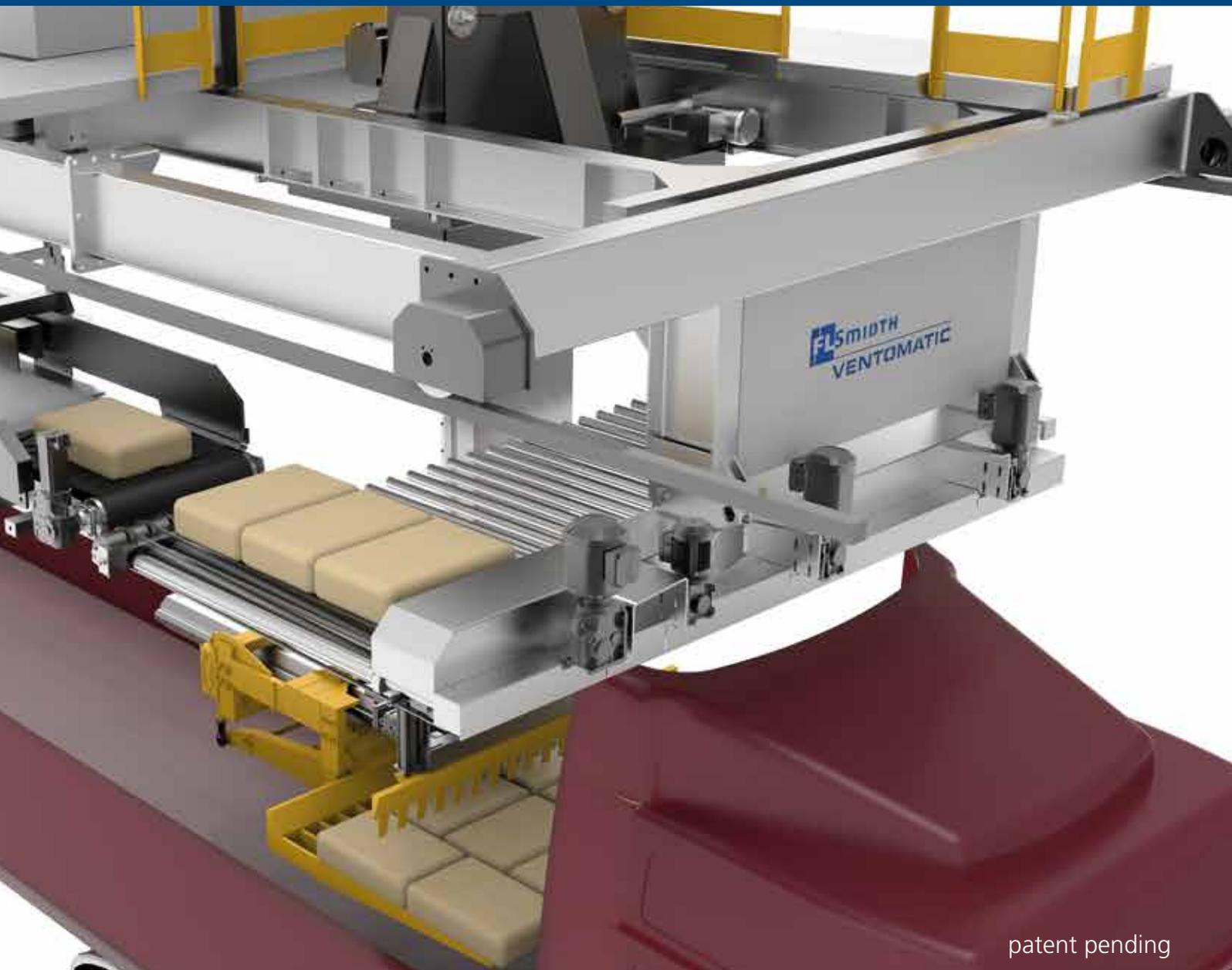


One Source

# CARICATECH™ automatic truck loader



patent pending

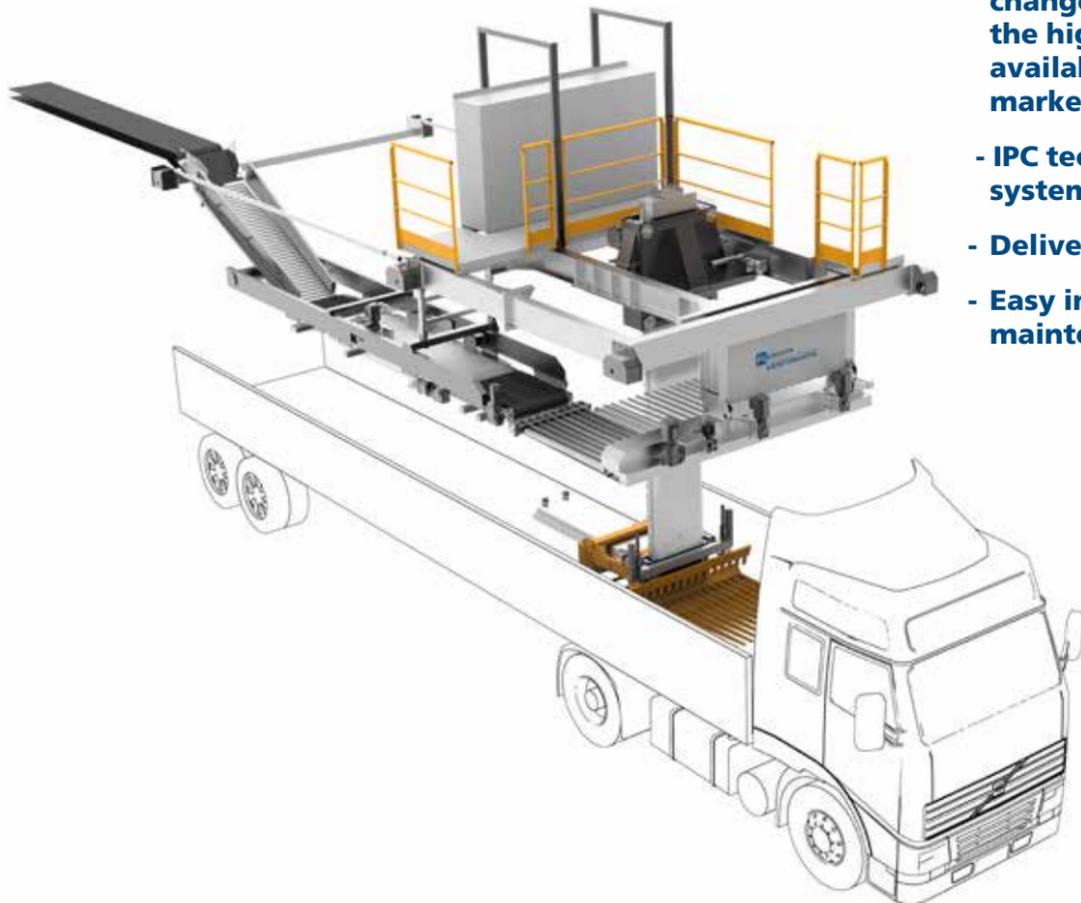
**FLSMIDTH**  
VENTOMATIC

## The concept

FLSmidth Ventomatic® has a long experience in loading systems for single bags or full pallets. Well-known examples are CARICAMAT® automatic truck loader and POLIMAT® palletizers.

Our philosophy for the loading of bags on trucks is to form a layer of bags above the truck and transfer it

onto the platform without positioning the machine inside the truck. Consequently the minimum internal truck width has to correspond to the actual loaded bag pattern dimension. The innovation of CARICATECH™ automatic truck loader is the pick-up of bag layers by a fork with special roller way maintaining the traditional loading from the top.

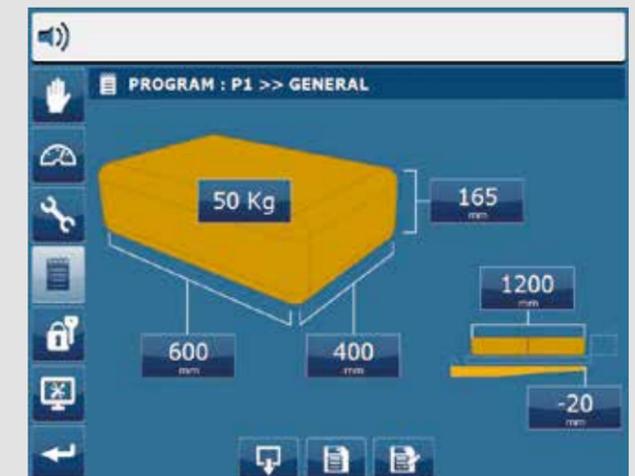
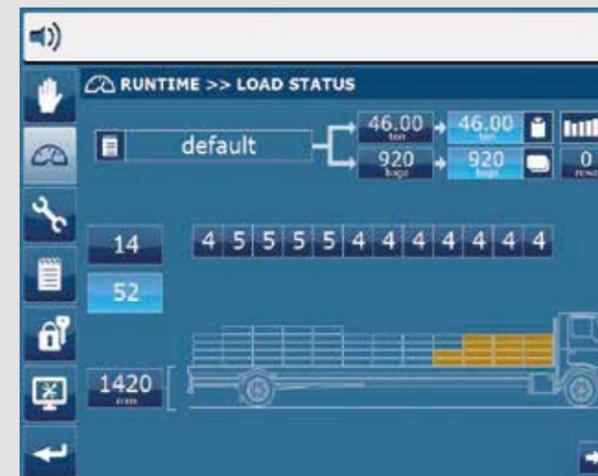
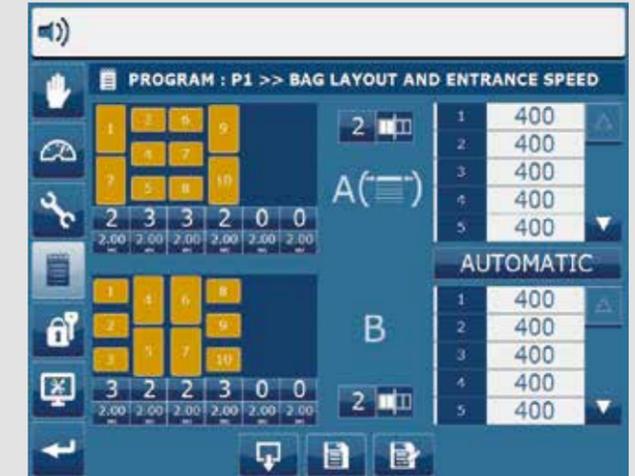
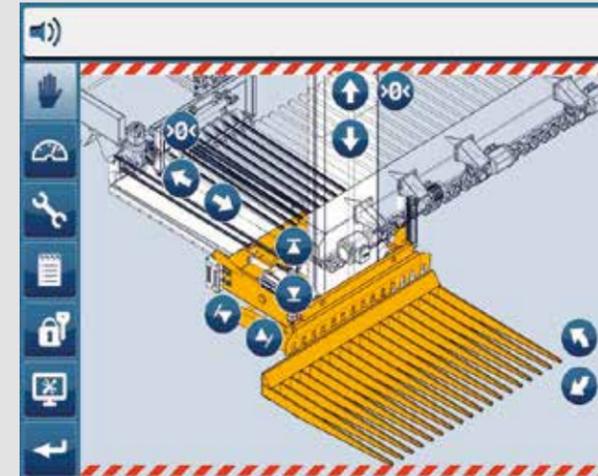


### Main features

- **Bag layer formation above the truck and then transfer on the truck platform;**
- **Mechanical handling of the bag pattern;**
- **Suitable for any type of bags and material;**
- **Different configuration of bag pattern and number of layers;**
- **The lowest truck change-over time with the highest capacity available on the market;**
- **IPC technology control system;**
- **Delivery in containers;**
- **Easy installation and maintenance.**

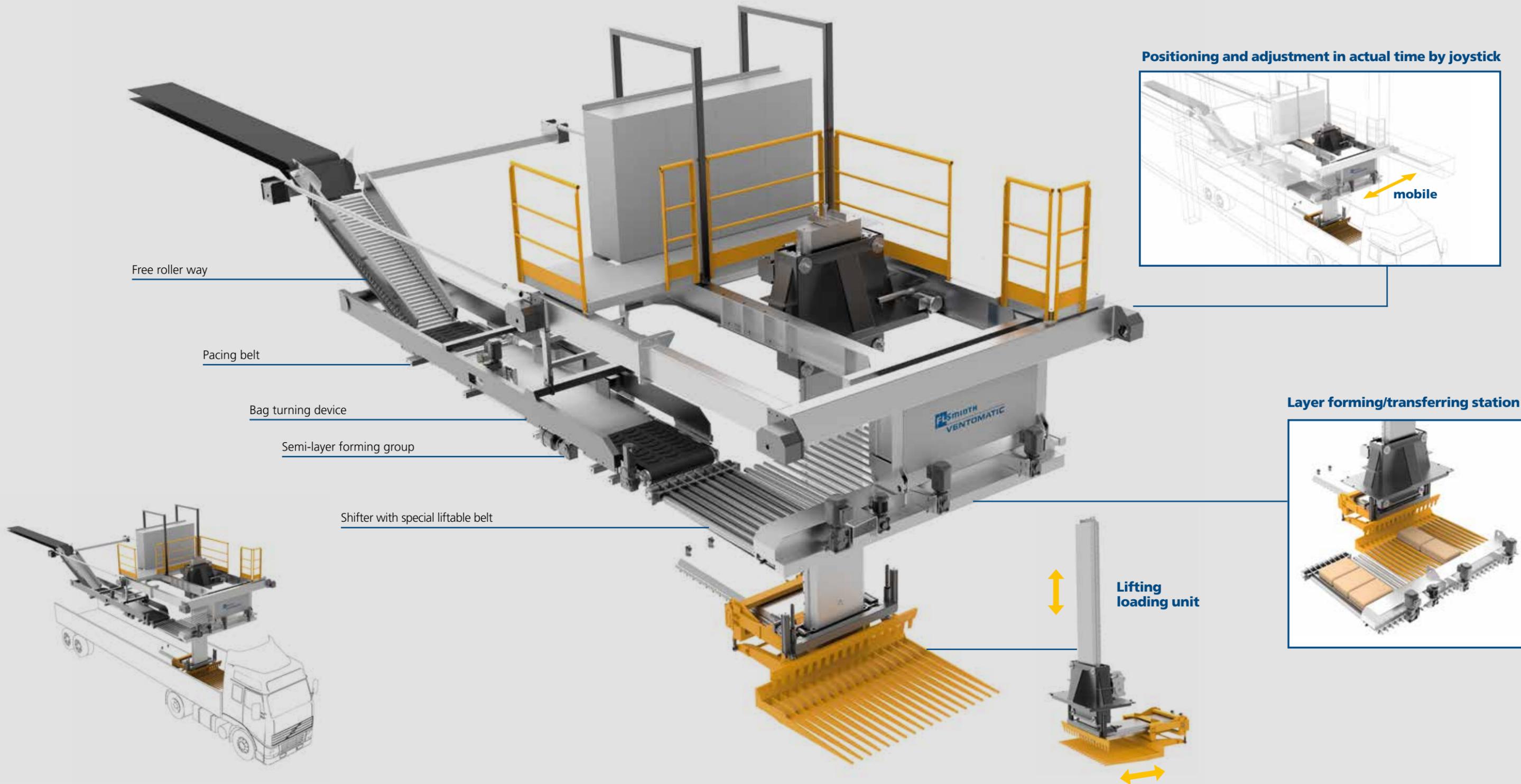
## HMI operator panel

- IP65 Touchscreen control panel;
- User-friendly parameter and recipe setting;
- Fast set-up of bag size;
- On board fieldbus system for real time control of sensors/actuators status;
- Teleservice via Internet;
- On-board camera system for remote monitoring;
- "Real-time" and historical statistic data;
- Increased speed using advanced control technology like brushless motors.



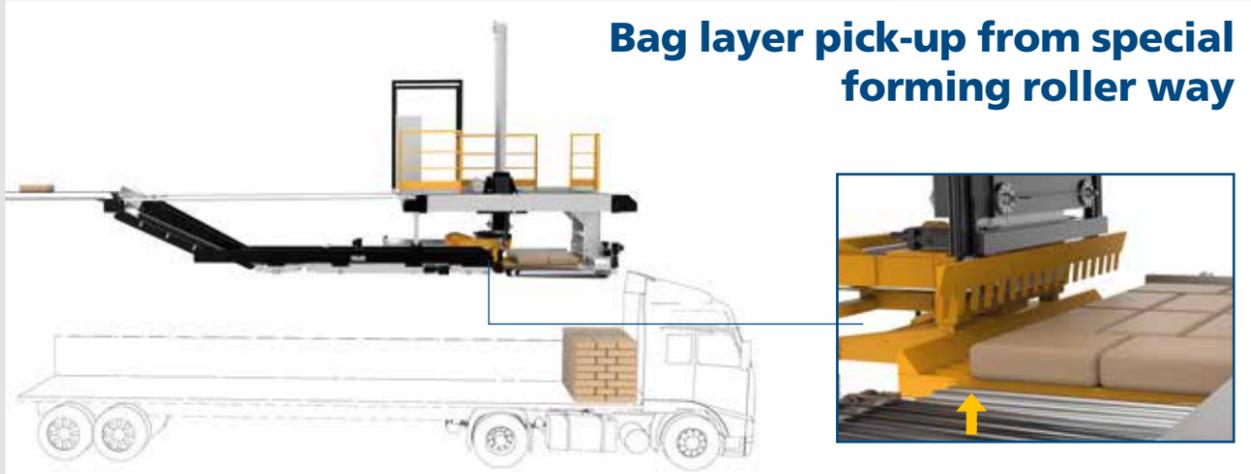


# Working process



# Loading process

**Bag layer pick-up from special forming roller way**



**Bag layer transferring on truck platform**



**Former bag layer pressing and bag layer release**



**CARICATECH™**

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