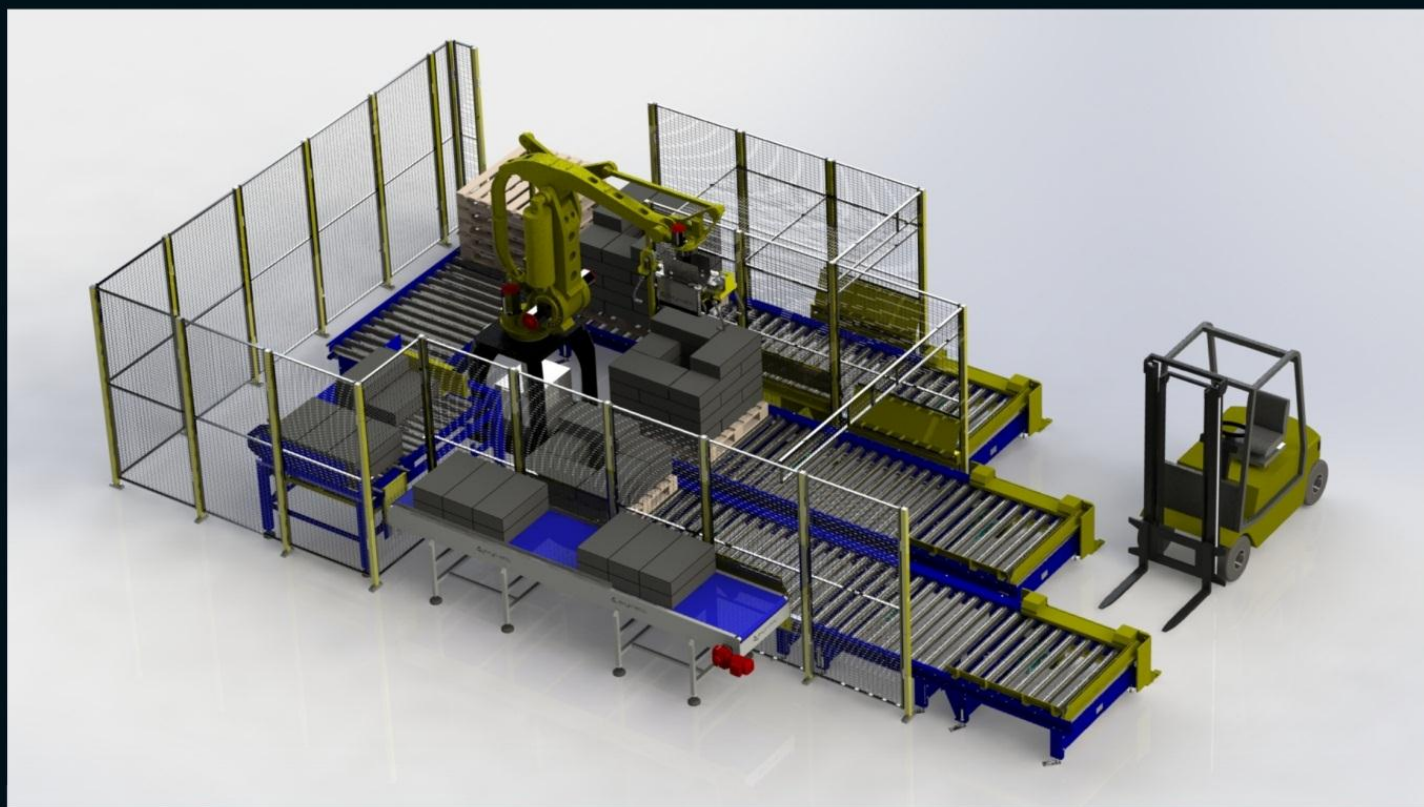


Automatic Tire Tread Rubber Composition with ...

Flexi-Pack



■ Automatic De-Palletizing of rubber blocks

- Unique gripping tool for rubber blocks.
- Height compensation by means of a floating attachment.
- Optional Search function :
 - Automatic Positional search on the pallet.
 - Height detection of the rubber block on the pallet.

■ Automatic Removal of empty pallets

- Unique gripping tool for empty pallets.
- Optional palletizing function :
 - Pallets can be stapled on the work floor and evacuated manually.
 - Pallets can be stapled on a conveyor system and evacuated automatically.

■ Implementation according to factory layout

- Flexible implementation of the in- and out feed conveyors.
- Formation table according to composition.

■ Easy Interfacing

- Indication for:
 - Access to the robot cell.
 - Loading of the pallets with rubber blocks.
 - Evacuation of empty pallets.
- Parameterization of the pallets on the conveyor.
 - Plastic or wood pallets
 - Automatic search of rubber blocks.
 - Orientation of the pallet.
 - Actual load on the pallet.
- Parameterization of the blocks on the formation table.
- Control actions of the robot starting from the HMI.
- Actual Alarms and Historic Alarms.
- Manual operation of every component.

■ Support & Maintenance

- Support of the robotic cell by means of an industrial network or via SIM Card.

