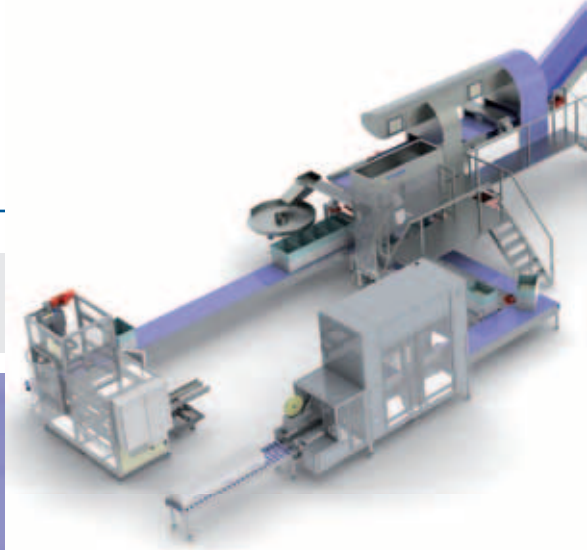
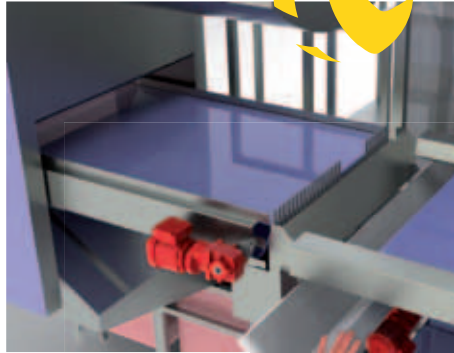


Bakery Solutions

Happy with



Niverplast



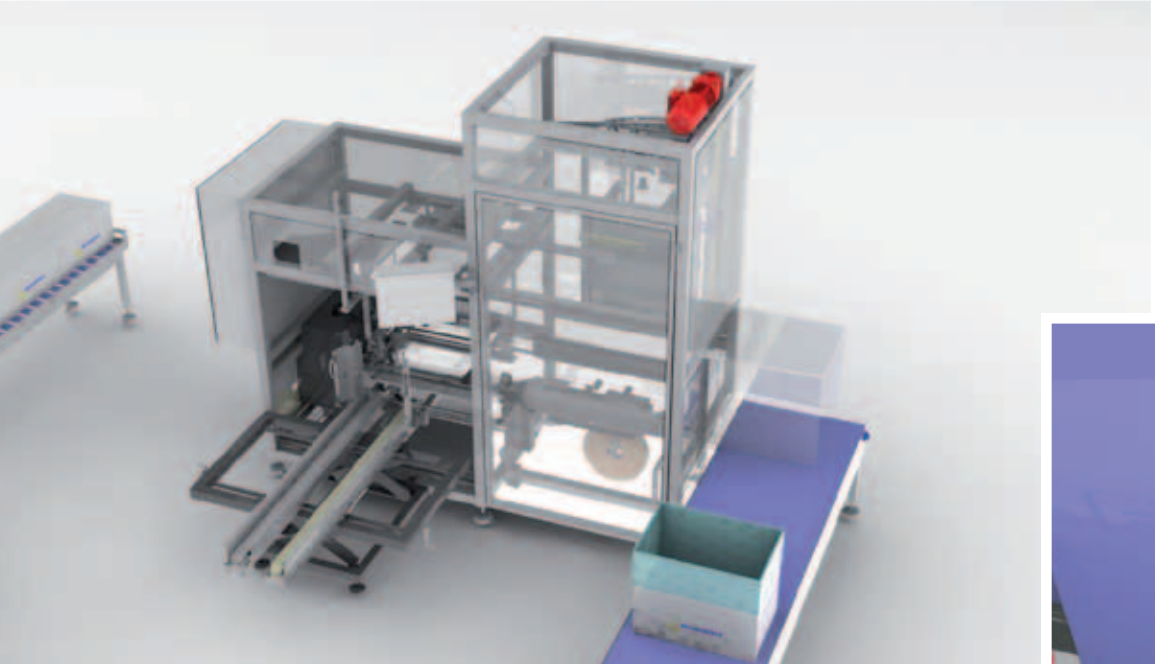
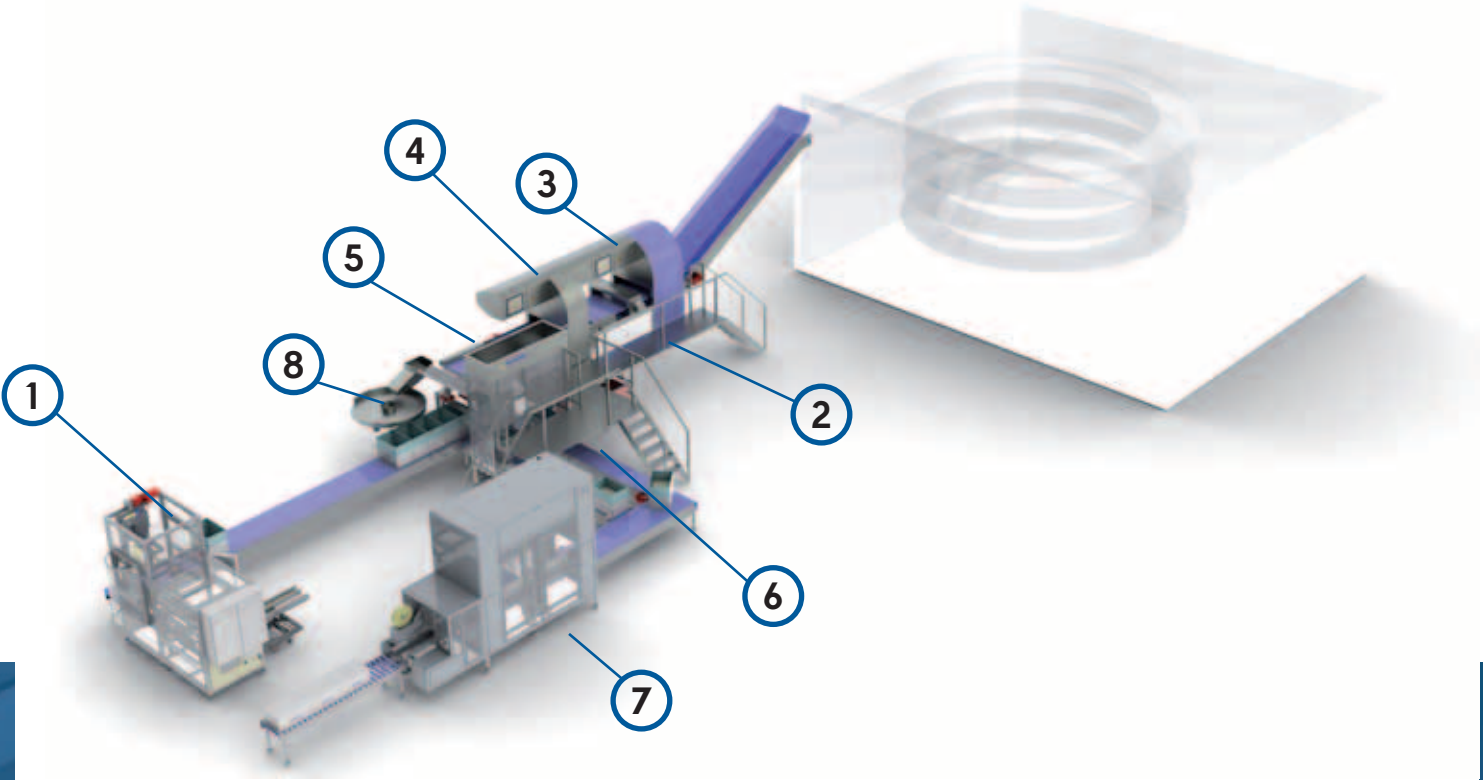
Portfolio

Niverplast BV | Kalandersstraat 31 | 7461 JL Rijssen | T +31 (0)548 538 380 | E info@niverplast.com

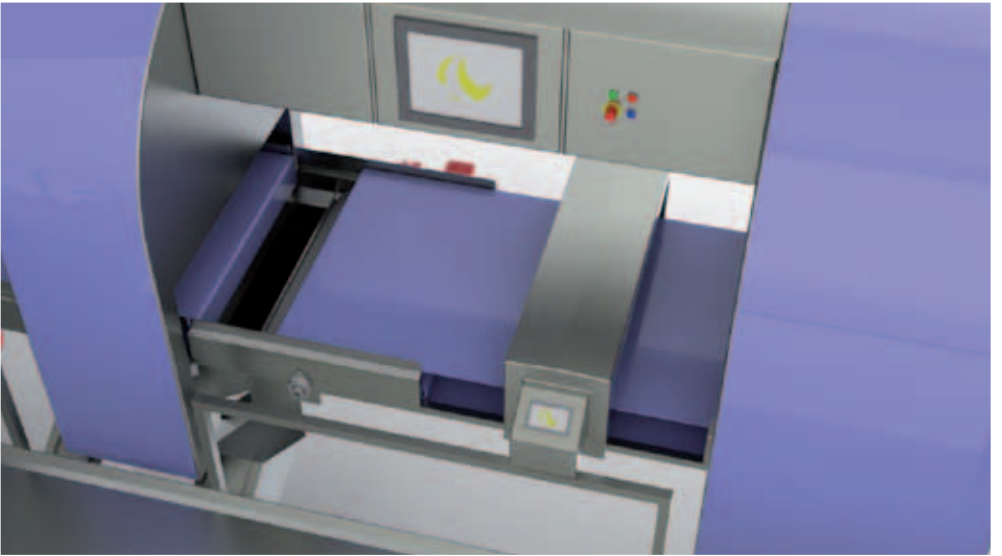
Full automatic bread packing line

Combining packing- & camera technology for a full automatic bakery solution.

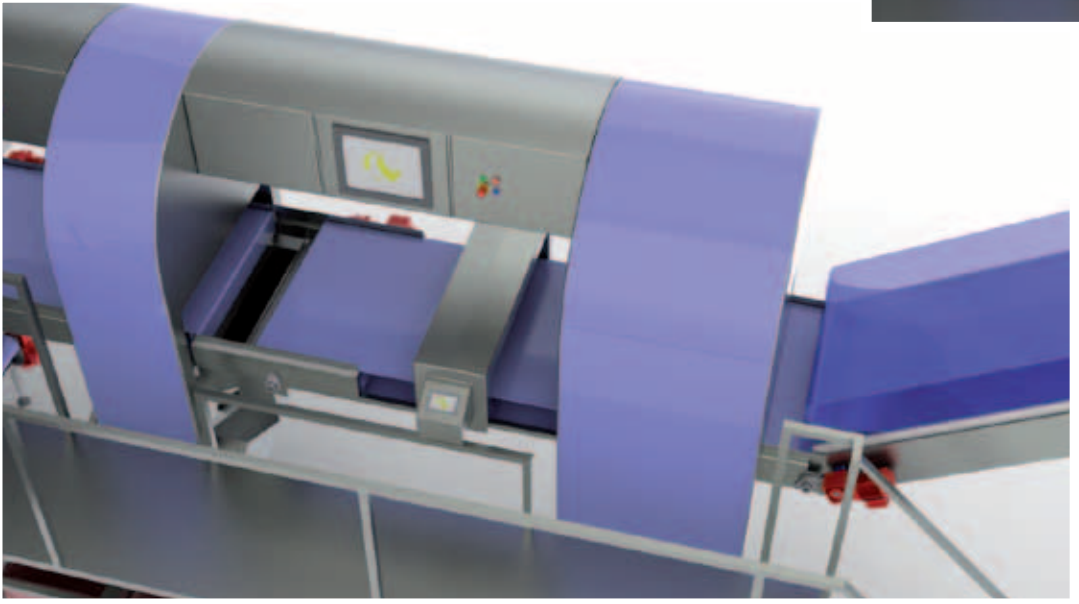
Feeding this line with your products straight from the freezer, plano's and prefabricated bags, it provides you with the exact amount of quality checked products in a closed bag in box, ready to be transported! This complete Niverplast packing line checks your bakery products for metal and visually on quality. Rejected products are discharged from the product flow. Conform products are passed and visually counted, separated into batches and packed into bag in box. All this with minimal falling height to protect your product! Thanks to the camera technology this line offers a great flexibility in product sizes and shapes. And with a capacity up to 60.000 pieces/hour! A central control system and visualisation of warnings and machine functions makes the line easy to operate. All components are easy to access and clean or maintain.



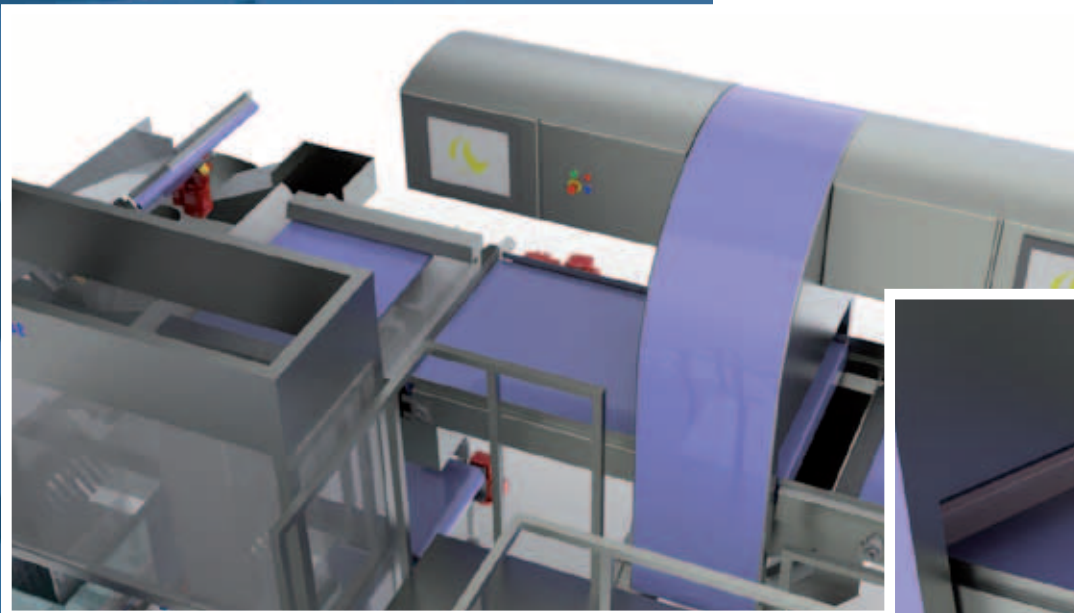
1. CombiPlast



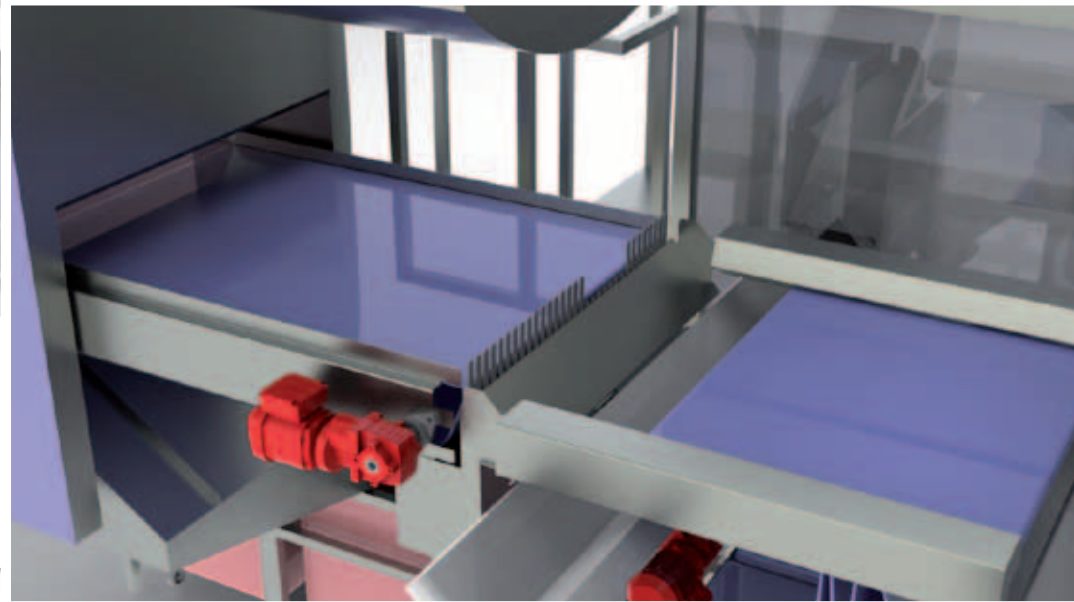
2. Metal detection



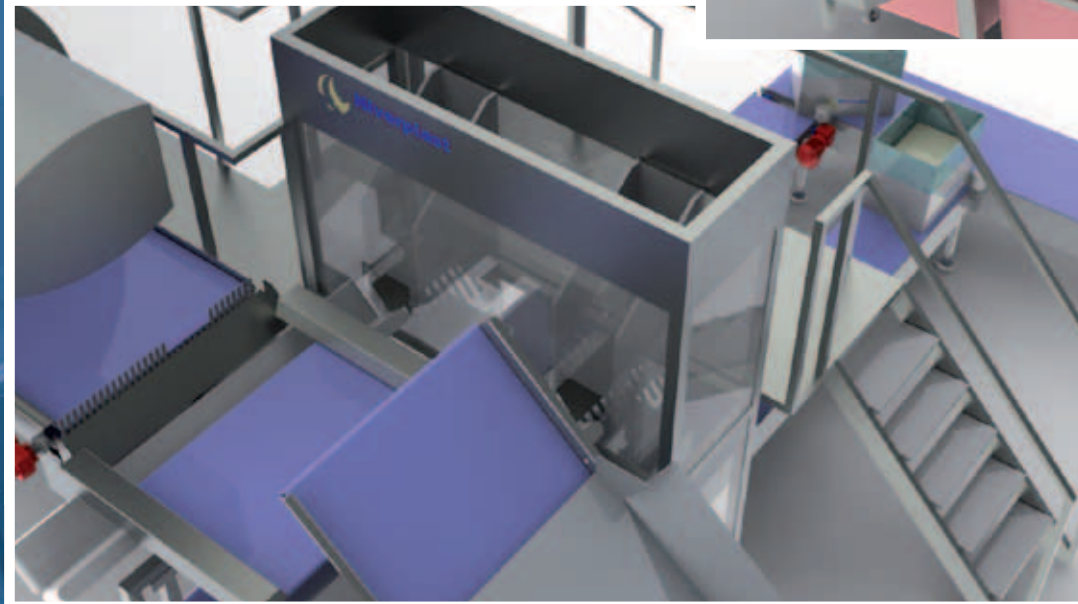
3. Visual quality control



4. Visual Counting



5. Batchmaker



6. Box loading system

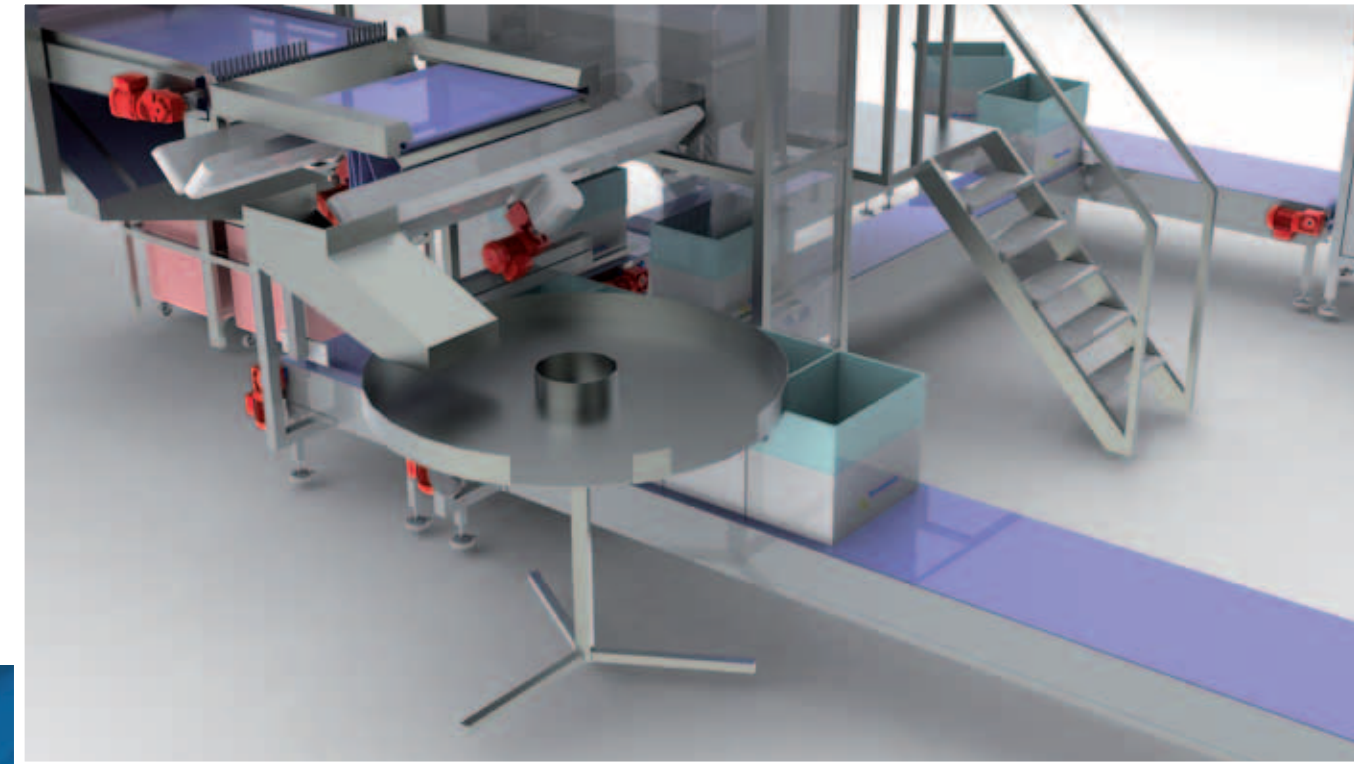
Full automatic bread packing line

Combining packing- & camera technology for a full automatic bakery solution.



7. VarioSeal

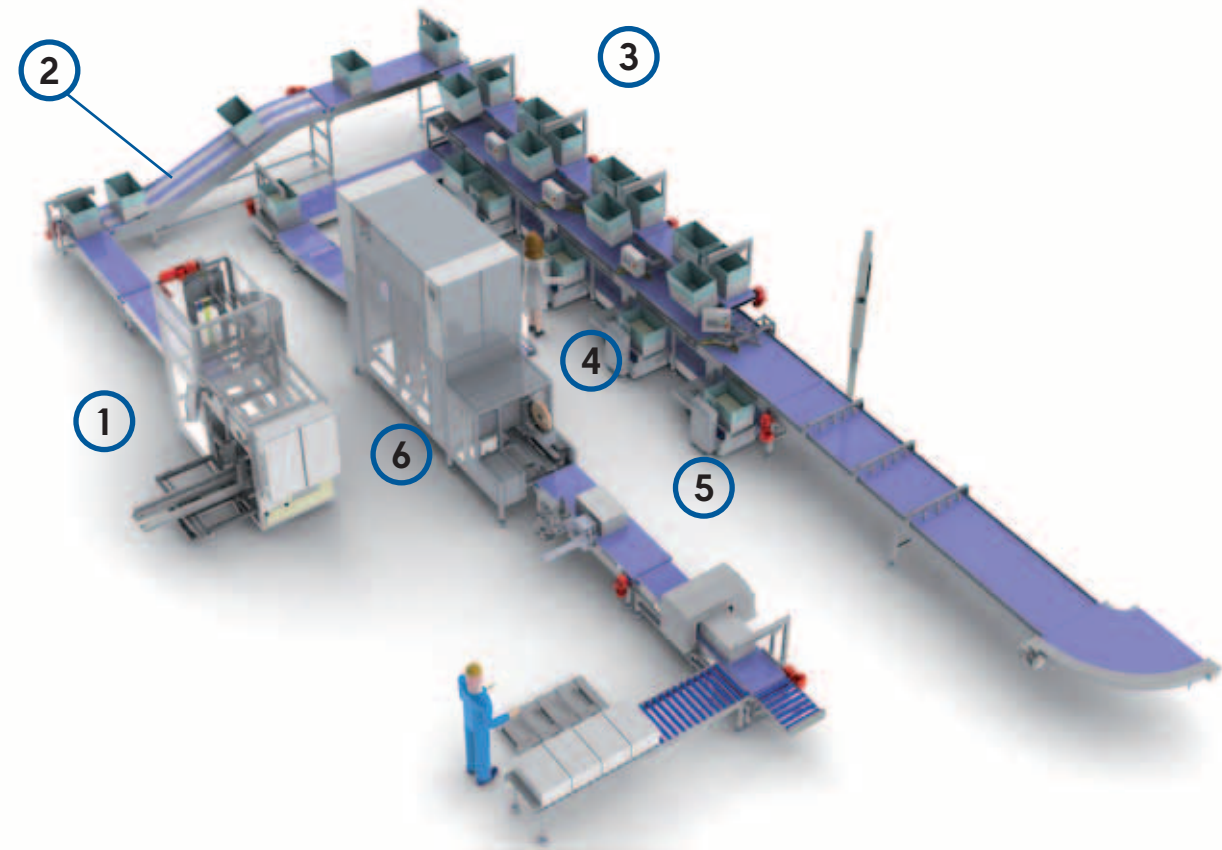
8. Manual filling position



Manual and automatic packaging line

The customer needs a new packaging line, because of a new production line. The new line should be as ergonomically and simple as possible line with manually and bulk packaging positions. Case erecting, bag placing, bag closing, box closing should be automated.

- Case erecting and bag placing is fully automated, including the supply of boxes to the packaging positions
- The supply of boxes is above the product supply, very close and ergonomically to the packaging position.
- The discharge of boxes is very easy, when a box is filled, the operator moves the box one position to the right, and will be automatically transported away.
- Each packaging position is suitable for manually filling as well bulk deposit.
- The control of the checkweigher and sealer is very close to the packaging positions, so that a failure will quickly be solved.
- Check weighing, bag sealing and box closing is fully automated, and also metal detection.
- All handling of boxes is as much as possible separated from the product handling. So the box will not dirt the products.



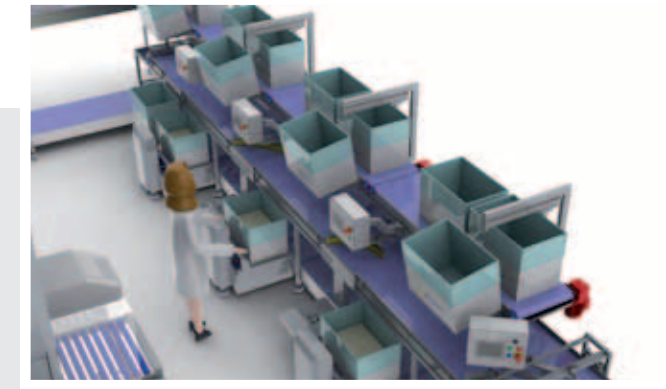
1. CombiPlast



2. Conveyor

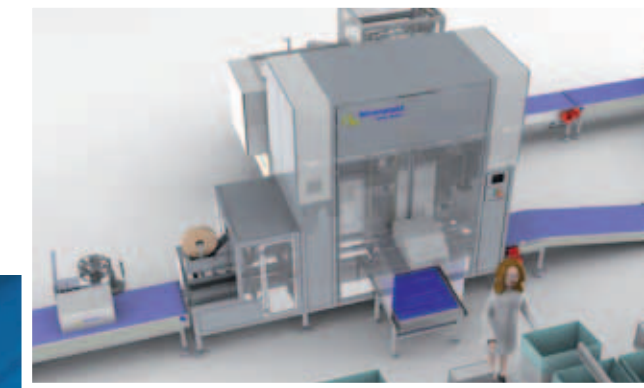


3. Weighing unit included a screen

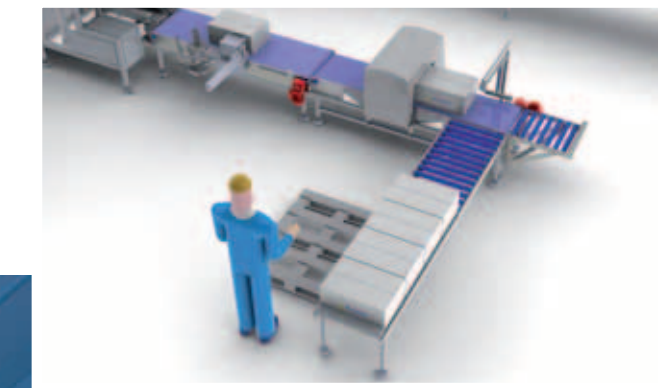


4. Fill position and box discharge

5. VarioSeal with integrated taper and checkweigher



6. Metal detector with rejection unit

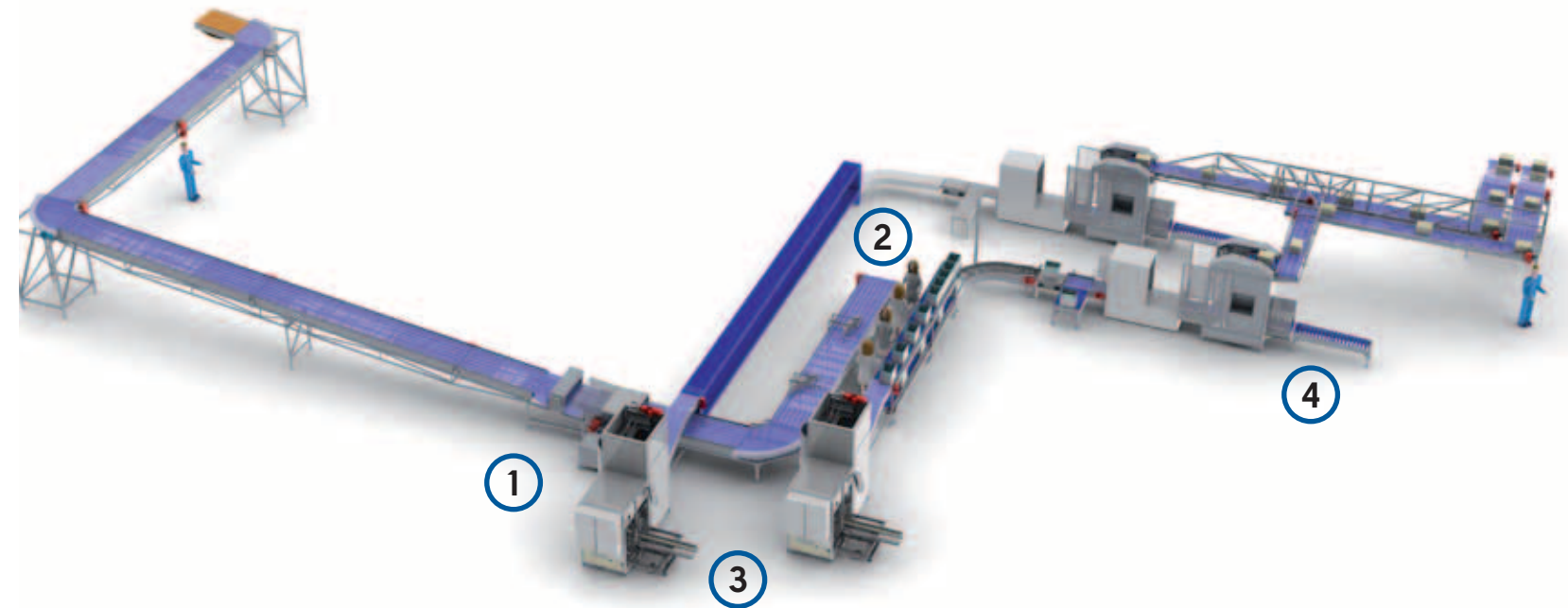
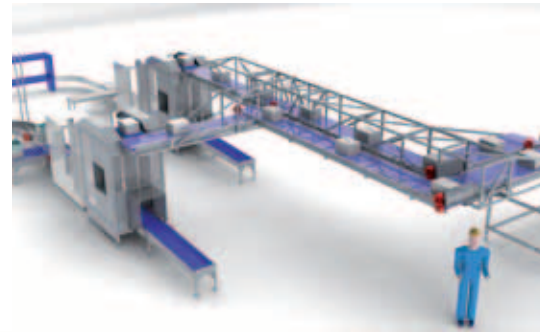


Increase the production capacity

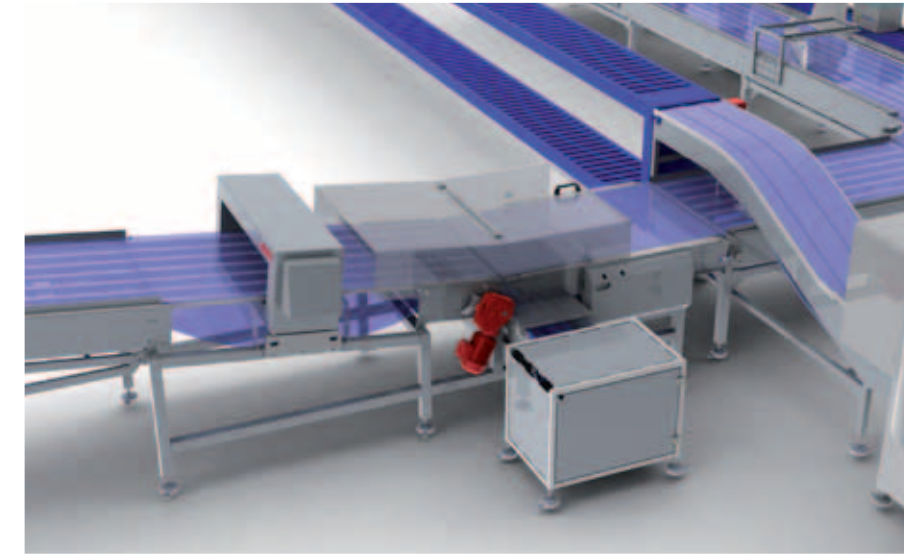
The solution that Niverplast made, is a complete automatic packaging line that increased the production capacity and provides a better ergonomic working environment.

Niverplast has increased the production capacity through:

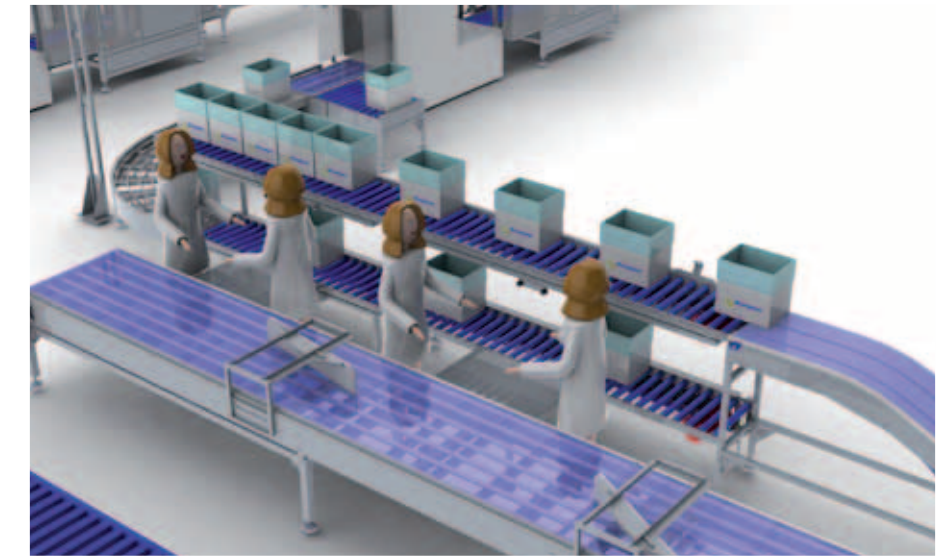
- Automatic case erecting and bag placing machine
- Complete box transport through advanced conveyor system
- Box closing (taping)
- Palletizing by a robot



1. Metal detector with rejection unit

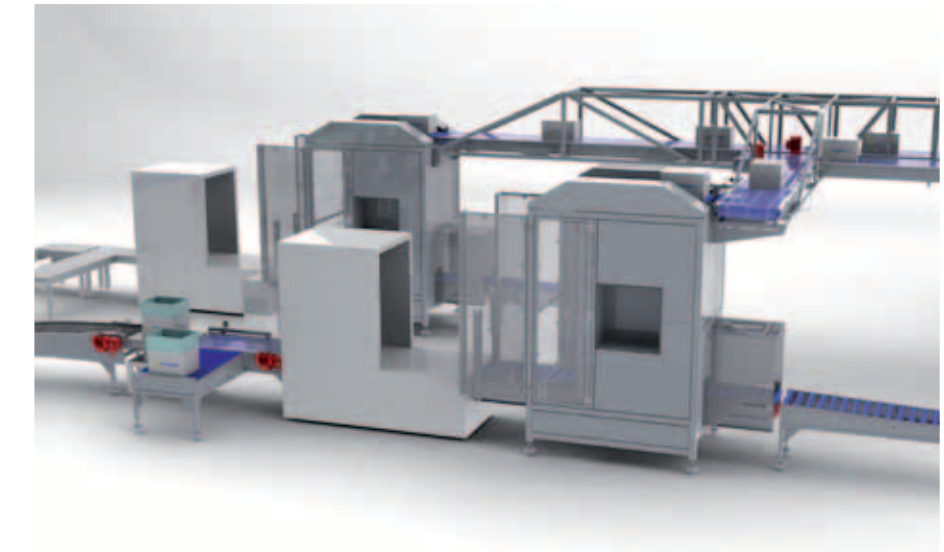
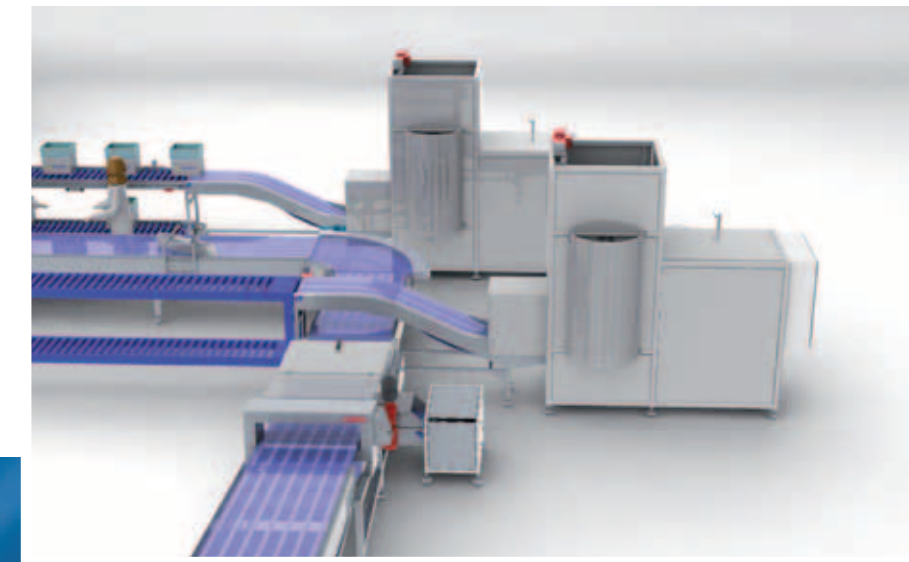


2. Packaging position



4. Taper and continuous box lift

3. CombiPlast

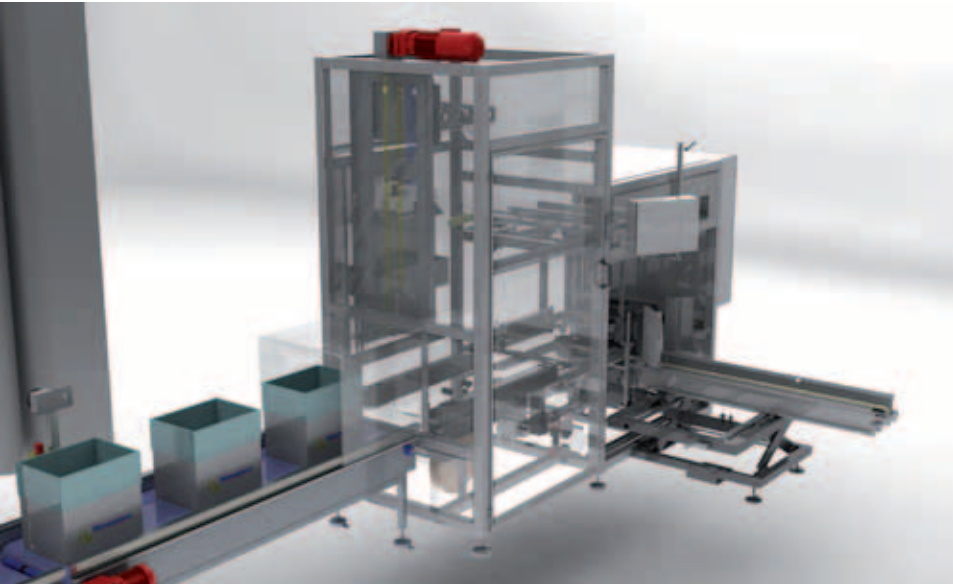
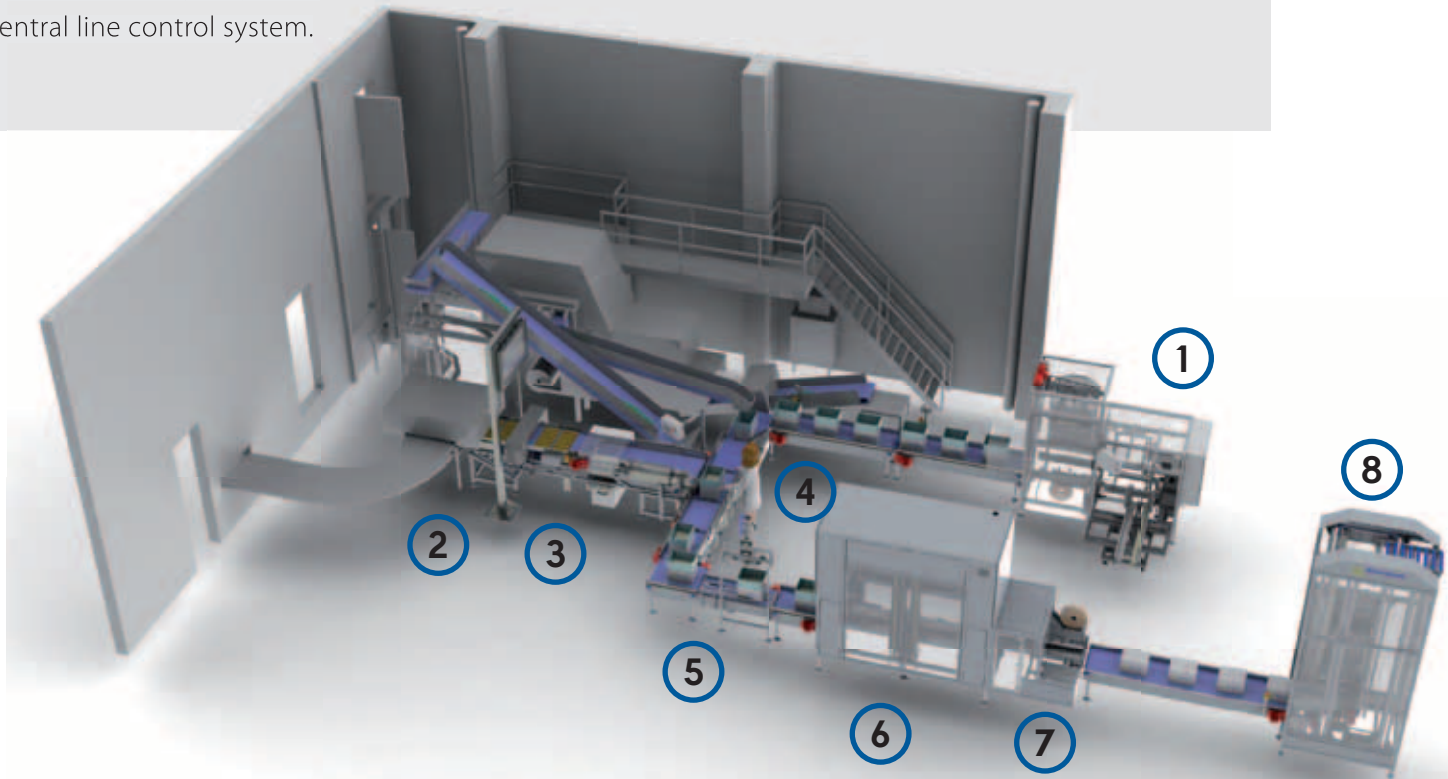


Automate a complete manual packaging line

Many people were needed to pack the products (box folding, bag inserting, box filling, box taping).

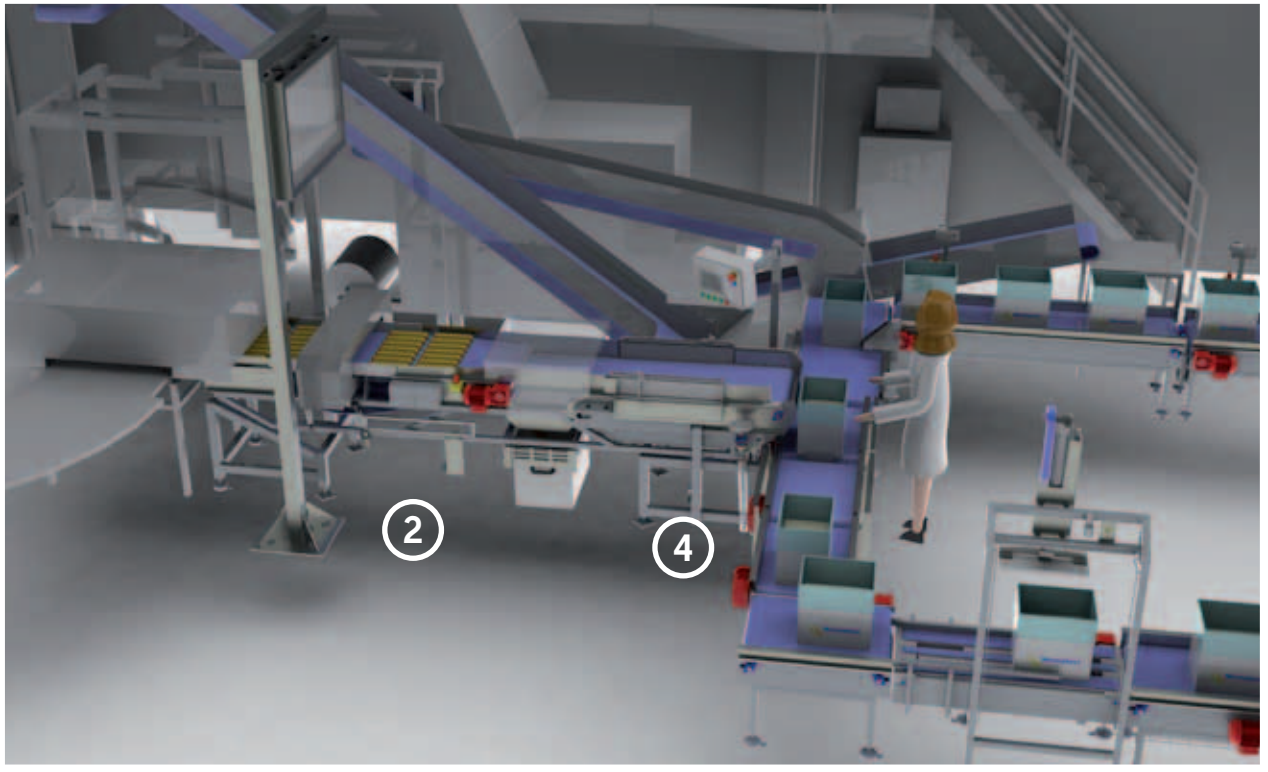
The solution that Niverplast gave:

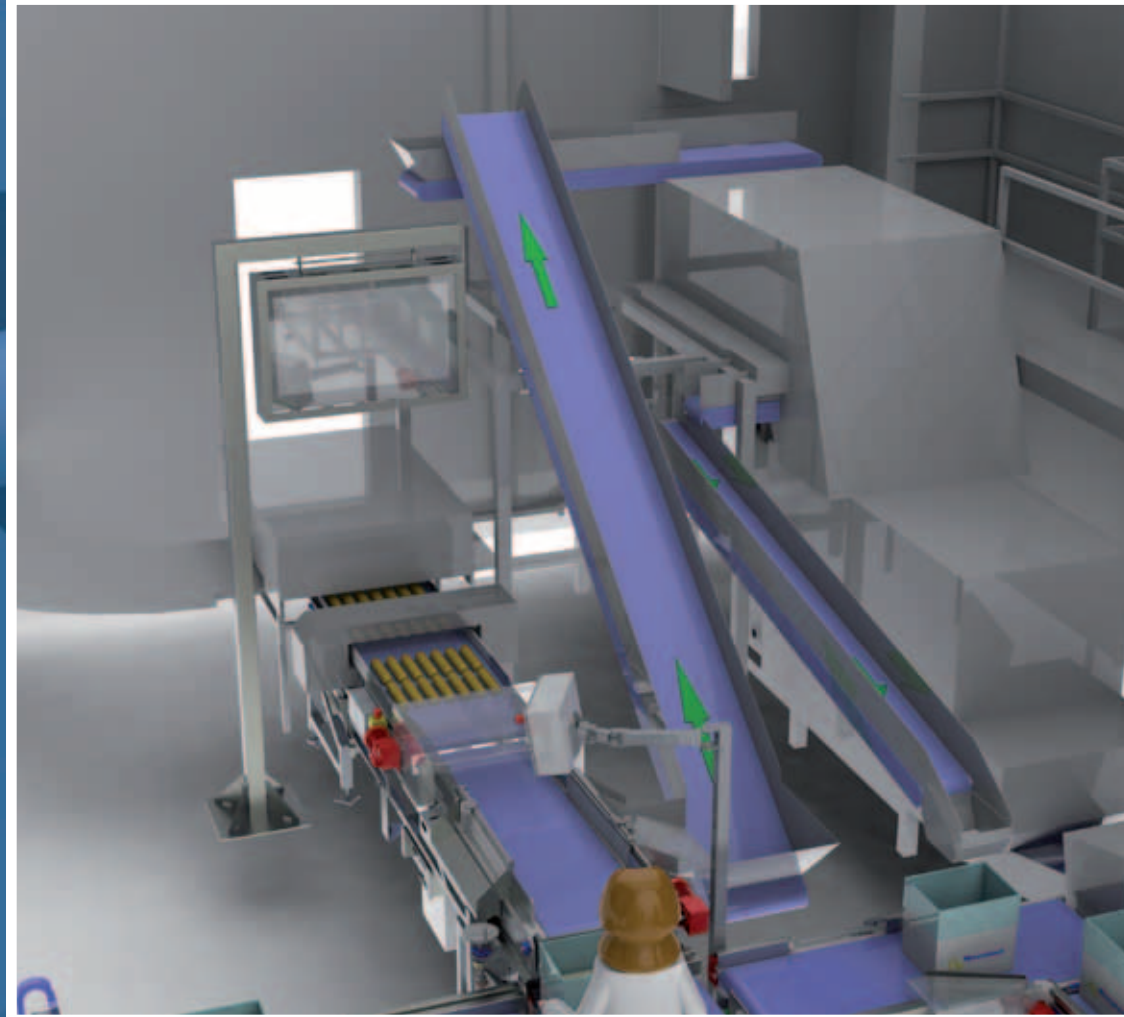
- Case erecting and bag inserting machine (CombiPlast).
- A very accurate filling position, +/- 20 gram fed by a conveyor with height adjustment, metal detection and rejection unit.
- Vibrating conveyor with height detection.
- Bag sealing and box closing machine (VarioSeal) with checkweigher and label printer.
- A box lift to transport the box to another level.
- All this connected by an advanced conveyor system.
- Optional: TV screen with central line control system.



1. CombiPlast

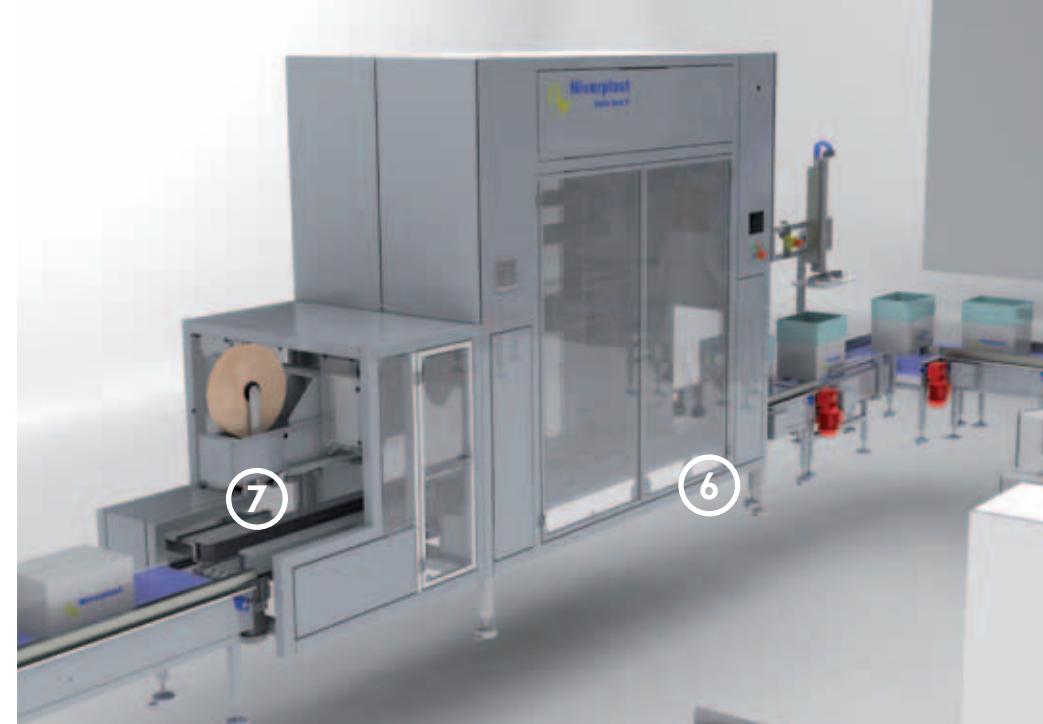
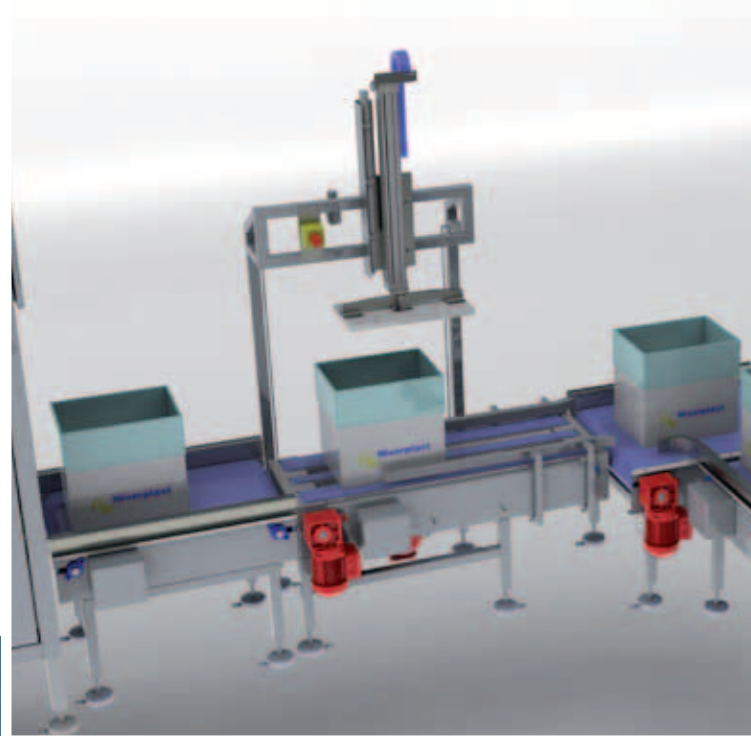
- 2. Conveyor
- 4. Filling position





3. Optional Central line control system

5. Vibration conveyor with height detection



6. VarioSeal with checkweigher and label printer
7. box closer with taper



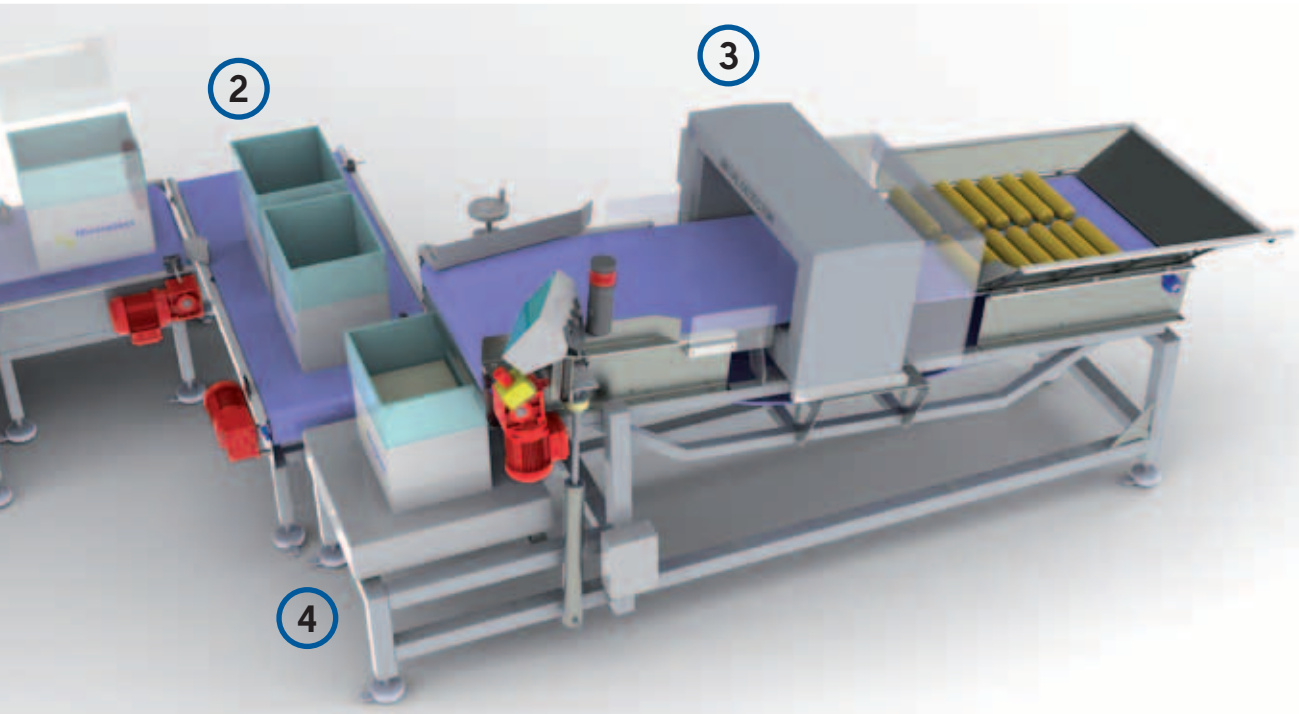
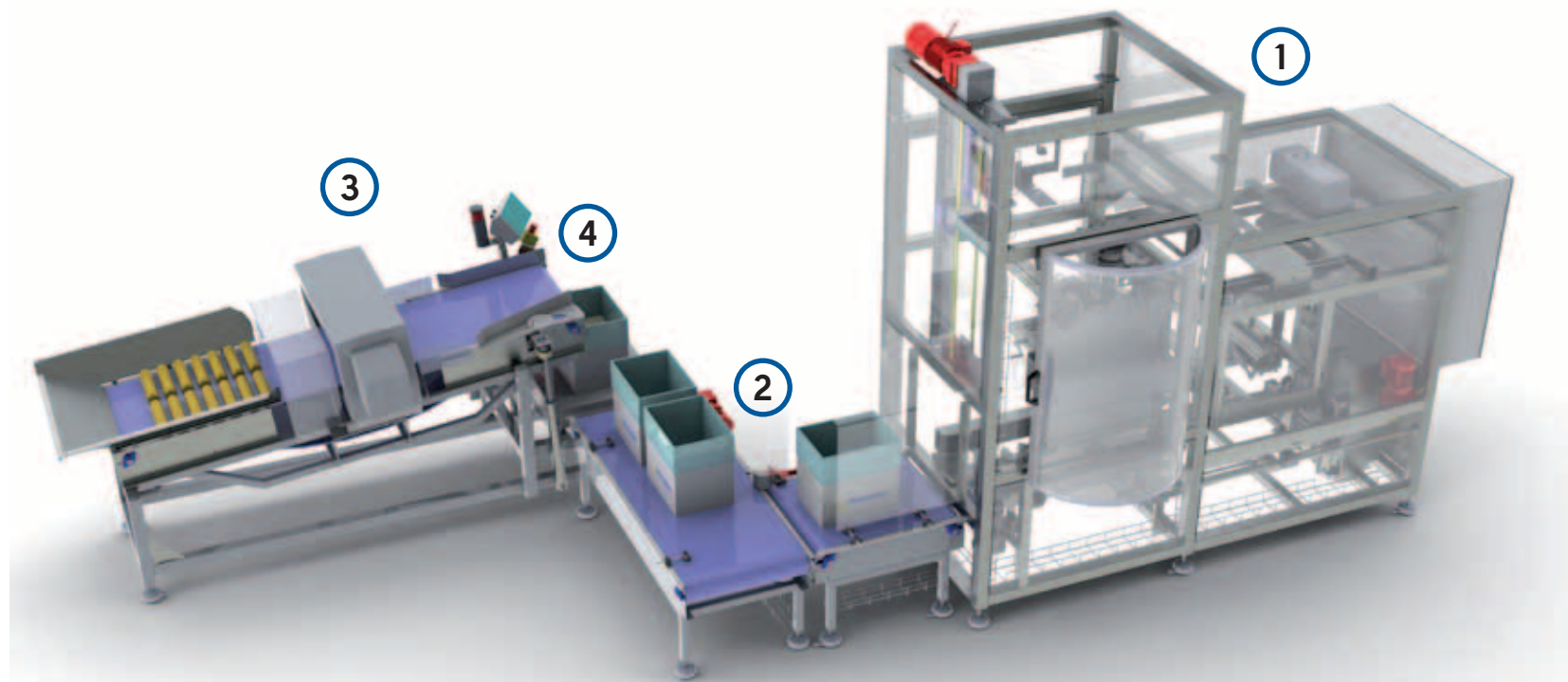
8. Box lift

Efficient packaging line

The product capacity have become too high to handle in this narrow place.

The solution that Niverplast gave:

- A very compact case erector and bag inserter integrated in one machine (CombiPlast).
- A short conveyor system with a manual packaging position.
- This packaging line is fed by a conveyor with height adjustment and metal detection.



1. CombiPlast.
Option: full automatic adjustment for each box size

2. Box supply
3. Conveyor with height adjustment and metal detection
4. Manual packaging position with weighing unit

