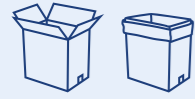
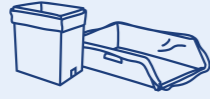


## Our packaging machines



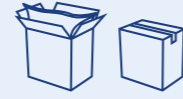
### Case erecting and bag placing

CombiPlast  
CombiKIS



### Bag placing

EasyPlast



### Bag closing

VarioSeal  
EasySeal  
VarioFold  
EasyFold



### Manual bag placing

EasyOpen



### Vertical form fill sealing

SEPP



### Camera quality control

QualityChecker



### Camera counting

SpeedBatcher



### Counting

ChannelCounter  
Stairway



### Case filling

BoxLoader  
The Donny  
Pick & Place



Bakery



Meat & fish



Oils & fats



Powder



Fruits & vegetables



E-commerce



Moulding



Laundry



Others



Hi, my name  
is Fons

Do you have a product  
that needs to be  
packed? Get in touch!

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f.diepman@niverplast.com



Check out  
all bakery  
packaging  
machines



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Passionate about packaging

# Bakery products



Check out  
Bakery  
packaging



**Hi, my name is Erwin**

Do you have a product that needs to be packed? Get in touch!

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e.smit@niverplast.com



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2	Automatic bulk filling	08
3	Vertical form fill sealing	10
4	1/2 or full baguette packaging	12
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Passionate about

# Packaging your bakery products

Searching for an efficient packaging solution for your (frozen) pastries or bread products? Look no further! With our proven technologies we offer you a full turn-key, bag-in-box packaging solution. Whether you require a semi manual packaging system or a fully automated line for packaging bakery products of various sizes. We deliver a high-quality and user-friendly design according to your wishes.



## We care about your bakery products as much as you do!

Rustic breads, baguettes, croissants and donuts are just a few examples of products which can be packed perfectly with an automated packaging line from Niverplast. Our passionate people have developed complete solutions for bakery packaging. Durable, efficient and reliable.

### Machines

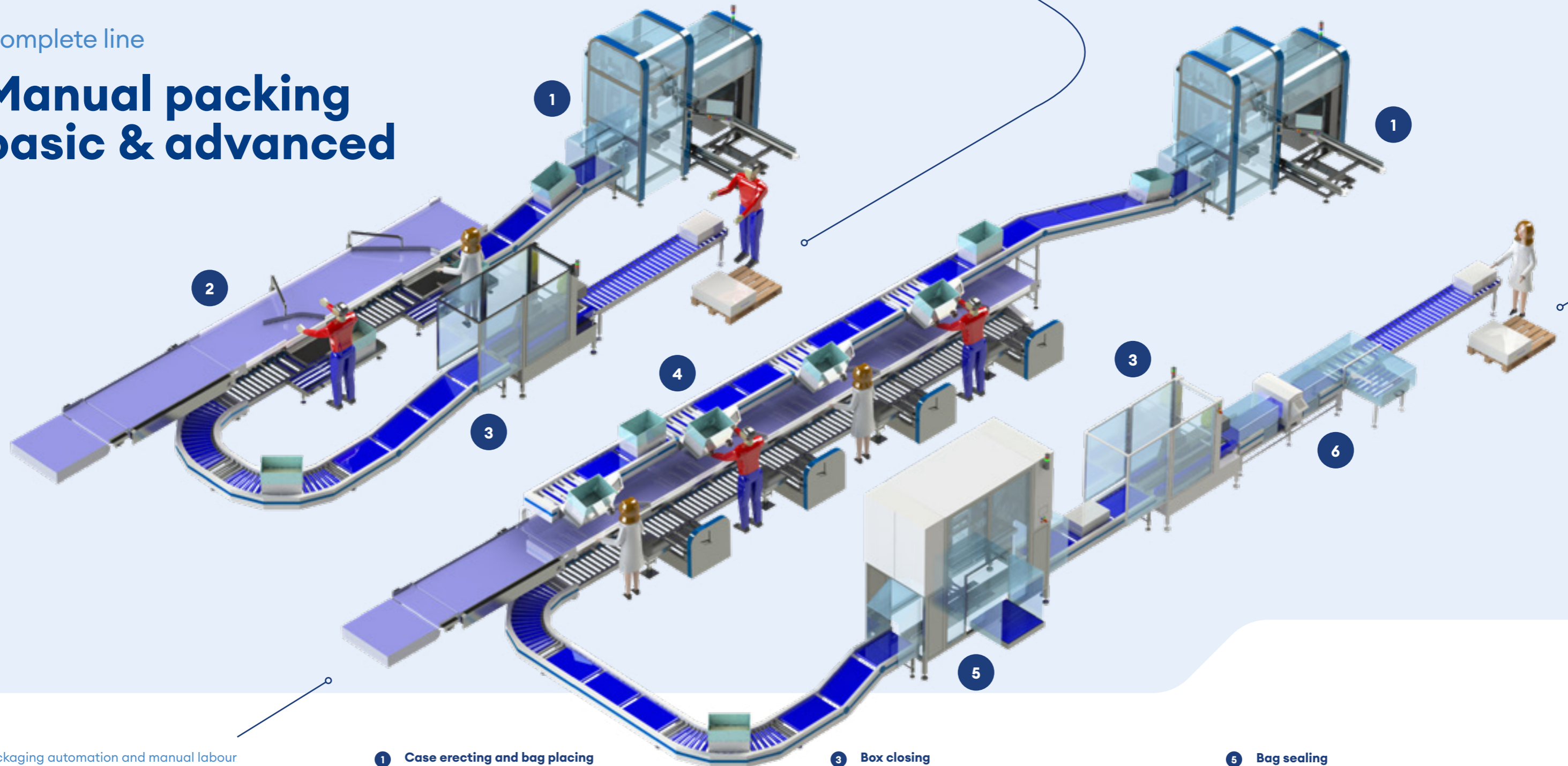
- Case erecting with perfect bag placing, integrated in our CombiPlast.
- Case filling by bulk, aligned, manually, touch free or with robots, almost everything is possible with our wide range of filling machines. Niverplast makes machines that suit your products the best way possible.
- Bag sealing with our sealing machines. Create the perfect seal with our VarioSeal using impulse sealing. Or choose the EasySeal, for fast and simple sealing. Afterwards top box closing can be done with our Taper. To create an ever smaller footprint, top box closing can also be integrated in the VarioSeal.

We have a rich history in packaging bakery products, and it's one of our greatest passions. With a large number of customers acting in the industry, this has become an expertise. We provide innovative packaging machines and complete lines in which we use 'standard' machines and tailor made solutions. All designed to meet up to your hygienic and quality standards.

Do you have a beautiful bakery product that needs to be packed in a bag, into boxes or crates? And do you want to automate your packaging? We are happy to help you with a solution that optimizes your current process so you can focus on the most important part – your product.

Complete line

# Manual packing basic & advanced



## Packaging automation and manual labour

This semi-automatic packaging line combines packaging automation and manual labour for efficient, ergonomic and cost-efficient bag-in-box packaging, whether you prefer packing by weight or manually by number. This system includes metal checking and secure bag closure, ensuring your products are ready for shipping. Do you need a new semi-automatic packaging line? As ergonomically and simple as possible with manually and bulk packaging positions? Fully automated case erecting, bag placing and box closing? Let's see what's suitable for your business!

### 1 Case erecting and bag placing

CombiPlast

- Up to 18 boxes per minute
- 24-hours non-stop production
- Easy to operate
- The most compact case erector and bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Processes prefabricated EasyOpen bags down to 10 um

### 2 Basic manual packing station

- At ergonomic working height
- Upper level provides an equal flow of products
- Lower lever provides an equal flow of boxes
- Stainless steel
- Optional: Weighing table incl. screen with weighing process

### 3 Box closing

Taper

- Easy change of packing format
- Standard closing unit on top with tape
- Optional: Hotmelt closing
- Optional: integrated within the VarioSeal
- Easy to operate

### 4 Advanced manual packing station

- At ergonomic working height
- Upper level provides an equal flow of boxes
- Middle level provides an equal flow of products
- Lower level discharge filled boxes
- Stainless steel
- Optional: Weighing table incl. screen with weighing process

### 5 Bag sealing

VarioSeal

- Small footprint for bag sealing and check weighing
- Easy to operate
- No manual adjustments, fully automatic
- Optional: integrated box (top) taper
- Optional: vacuuming, gas flush

### 6 Metal detecting

- Very accurate due to simultaneous frequency technology
- Metal containing boxes will be rejected by the pusher
- Optional: lockable reject position

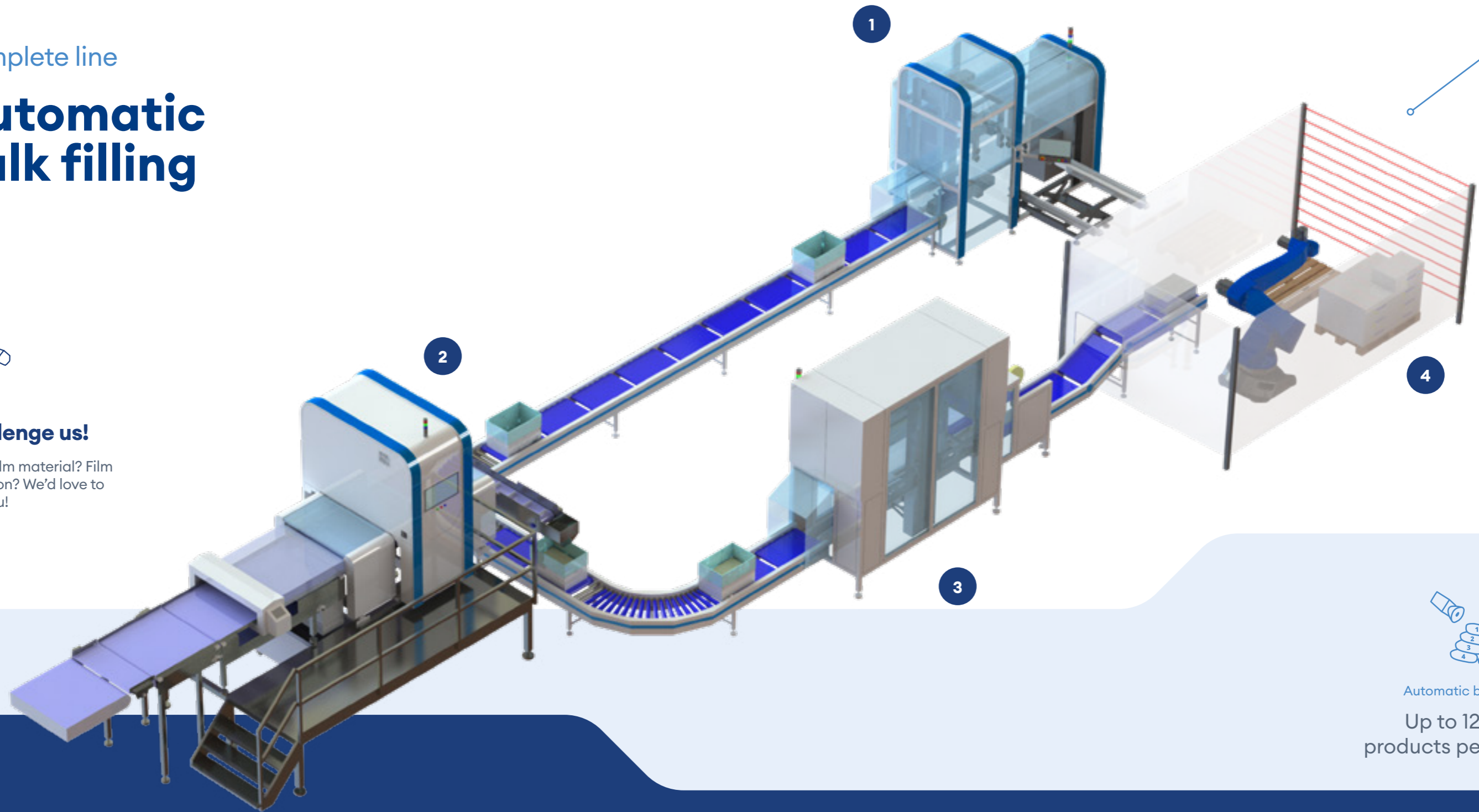
Complete line

# Automatic bulk filling



## Challenge us!

Other film material? Film reduction? We'd love to help you!



Automatic bulk filling

Up to 120.000 products per hour

### 1 Case erecting and bag placing CombiPlast

- Up to 18 boxes per minute
- 24-hours non-stop production
- Easy to operate
- The most compact case erector & bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Processes prefabricated EasyOpen bags down to 10 um

### 2 Camera counting SpeedBatcher

- Up to 120.000 products per hour
- Easy access for maintenance and cleaning
- Smart batching provides a very high accuracy
- Stainless Steel
- Capable to feed any packaging machine at any speed

### 3 Bag sealing VarioSeal

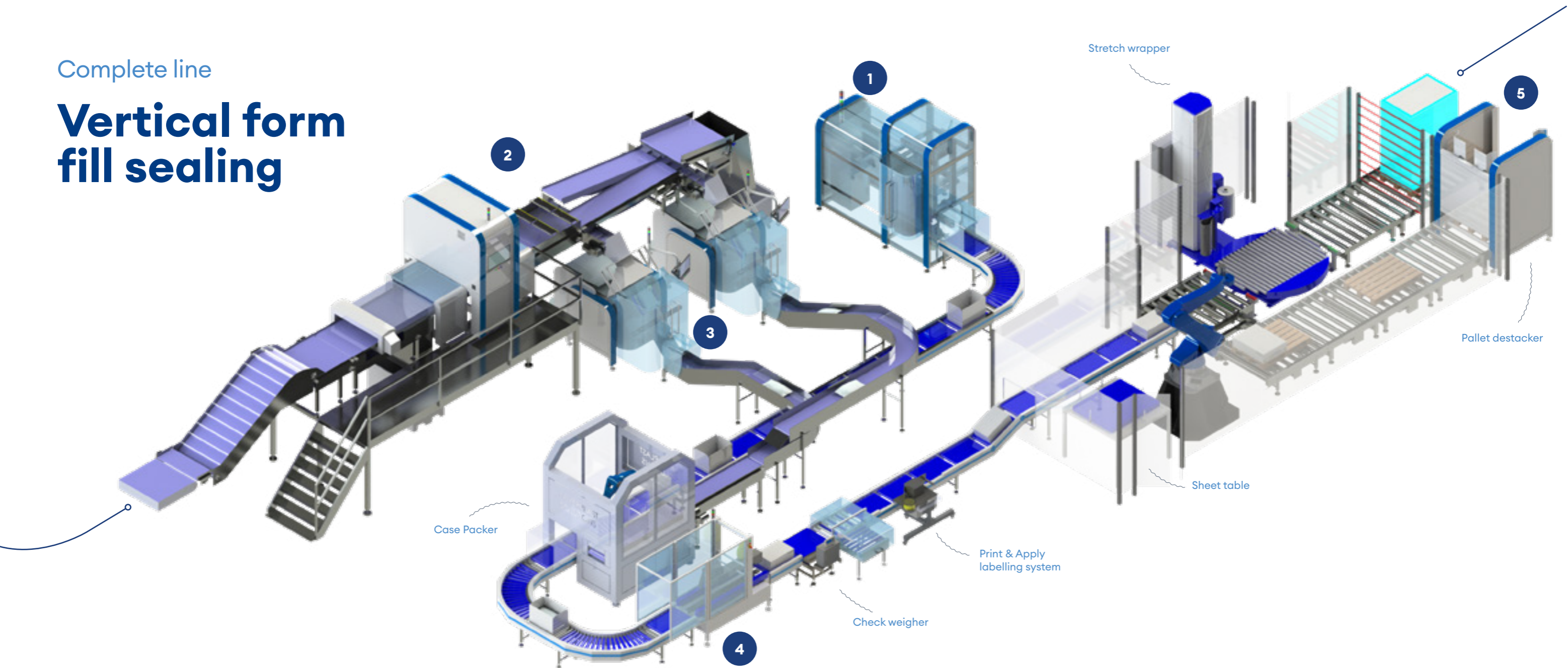
- Small footprint for bag sealing and check weighing
- Easy to operate
- No manual adjustments, fully motorised
- Optional: integrated box (top) taper
- Optional: vacuuming, gas flush

### 4 Semi-automatic palletizing Palletizer

- Custom made grippers for several packaging formats
- Possible to make it fully automatic with:
  - The pallet destacker
  - The sheet table, to separate the layers
  - An automatic stretch wrapper and labeller

Complete line

# Vertical form fill sealing



## 1 Case erecting and bag placing

CombiPlast

- Up to 18 boxes per minute
- 24-hours non-stop production
- Easy to operate
- The most compact case erector & bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Processes prefabricated EasyOpen bags down to 10 um

## 2 Camera counting

SpeedBatcher

- Up to 120.000 products per hour
- Easy access for maintenance and cleaning
- Smart batching
- Stainless Steel
- Capable to feed any packaging machine at any speed

## 3 Vertical form fill sealing

SEPP

- Vertical or 45°C inclined seal
- Compact design with a small floor footprint
- Interactive touchscreen
- Suited for a wide variety of film roll sizes
- Up to 2400 bags per hour

## 4 Box closing

Taper

- Easy change of packing format
- Standard closing unit on top with tape
- Easy to operate
- Optional: Hotmelt closing
- Optional: integrated within the VarioSeal

## 5 Fully automatic palletizing

Palletizer

- Specialized grippers for several packaging formats
- A pallet destacker
- A sheet table, to separate the layers
- An automatic stretch wrapper and labeller

Hi, my name is Jasper

Do you have a product that needs to be packed? Get in touch!

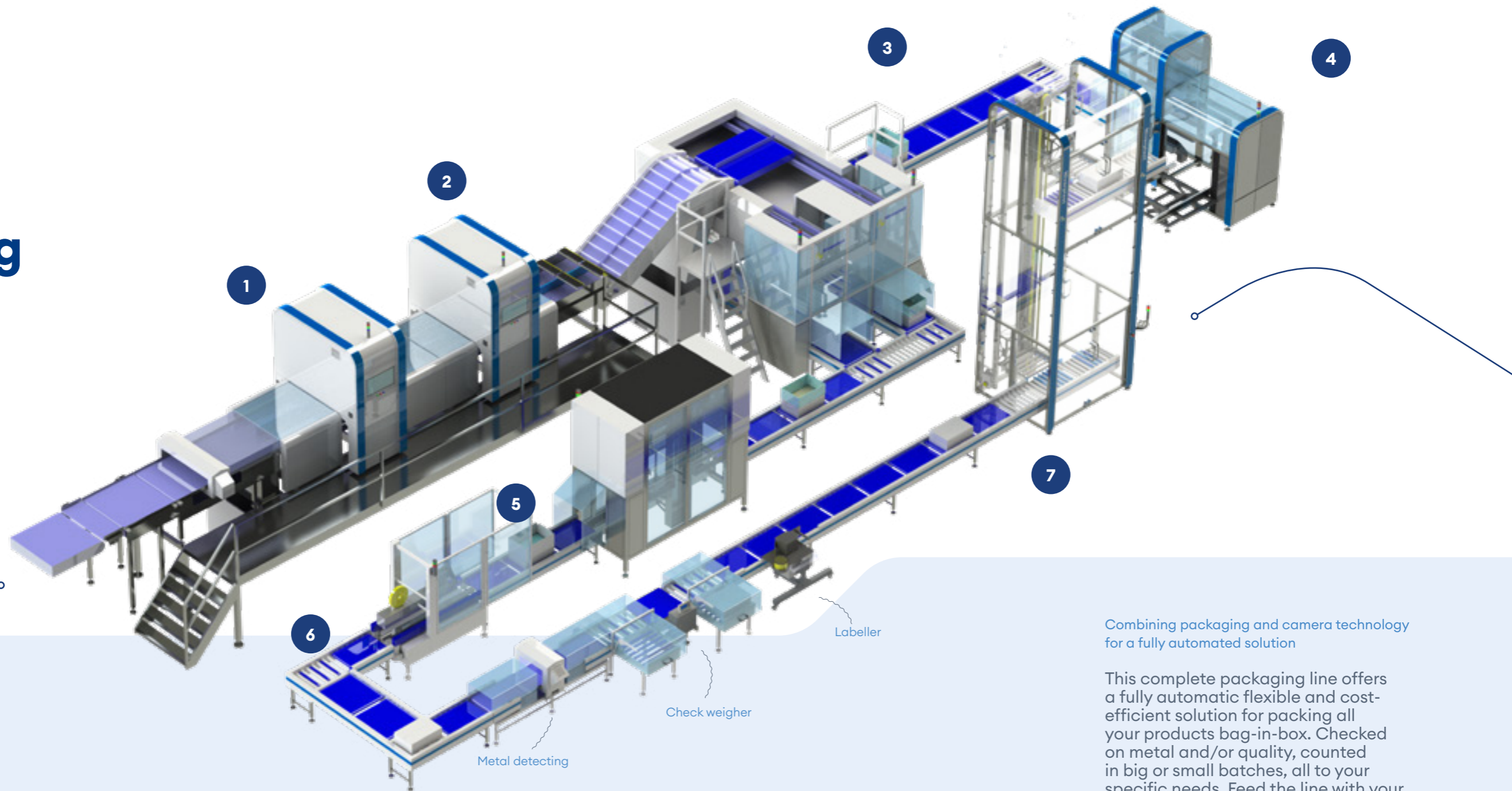
+31 6 48 27 58 47

j.kreijkes@niverplast.com



Complete line

# 1/2 or full baguette packaging



Combining packaging and camera technology for a fully automated solution

This complete packaging line offers a fully automatic flexible and cost-efficient solution for packing all your products bag-in-box. Checked on metal and/or quality, counted in big or small batches, all to your specific needs. Feed the line with your products, we do the rest!

**1 Camera quality control**  
QualityChecker

- Up to six channels possible
- Possible to run two different products
- Accurate product rejection
- Compact design with a small footprint
- Very easy to operate, maintain and clean

**3 Case filling**  
BoxLoader

- Up to 16.000 products per hour
- Up to 10 boxes per minute
- Fully automatic, no manual settings needed
- Stainless steel
- Optional: four ways of product orientation in the box

**2 Camera counting**  
SpeedBatcher

- Up to 120.000 products per hour
- Easy access for maintenance and cleaning
- Smart batching provides a very high accuracy
- Stainless Steel
- Capable to feed any packaging machine at any speed

**4 Case erecting and bag placing**  
CombiPlast

- Up to 18 boxes per minute
- 24-hours non-stop production
- Easy to operate
- The most compact case erector & bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Processes prefabricated EasyOpen bags down to 10 um

**5 Bag sealing**  
VarioSeal

- Small footprint for bag sealing and check weighing
- Easy to operate
- No manual adjustments, fully motorised
- Optional: integrated box (top) taper
- Optional: vacuuming, gas flush

**6 Box closing**  
Taper

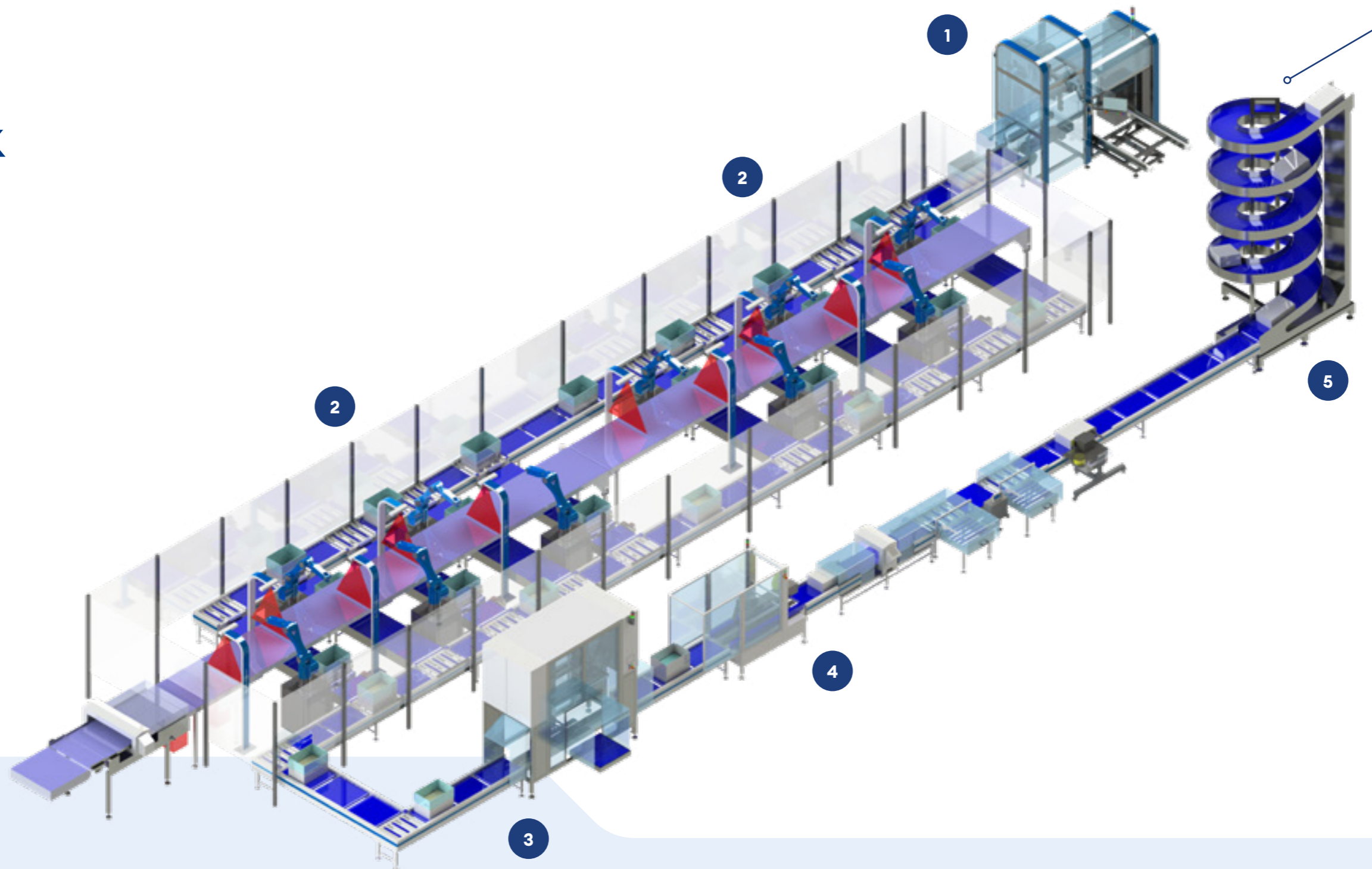
- Easy change of packing format
- Standard closing unit on top with tape
- Easy to operate
- Optional: Hotmelt closing
- Optional: integrated within the VarioSeal

**7 Lift**

Niverplast developed a lift to transport boxes vertically. This lift can be adjusted to every needed infeed and outfeed height.

Complete line

# Robot pick & place



## 1 Case erecting and bag placing CombiPlast

- Up to 18 boxes per minute
- 24-hours non-stop production
- Easy to operate
- The most compact case erector & bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Processes prefabricated EasyOpen bags down to 10 um

## 2 Robot packing Pick & Place

- Fully automatic
- Every robot has its own camera to determine the exact position of the product
- Vision system is developed using the point of gravity and centre of the product
- The robots are executed with mechanical or vacuum grippers
- Easy accessible for maintenance and cleaning

## 3 Bag sealing VarioSeal

- Small footprint for bag sealing and check weighing
- Easy to operate
- No manual adjustments, fully motorised
- Optional: integrated box (top) taper
- Optional: vacuuming, gas flush

## 4 Box closing

- Easy change of packing format
- Standard closing unit on top with tape
- Easy to operate
- Optional: Hotmelt closing
- Optional: integrated within the VarioSeal

## 5 Spiral conveyor

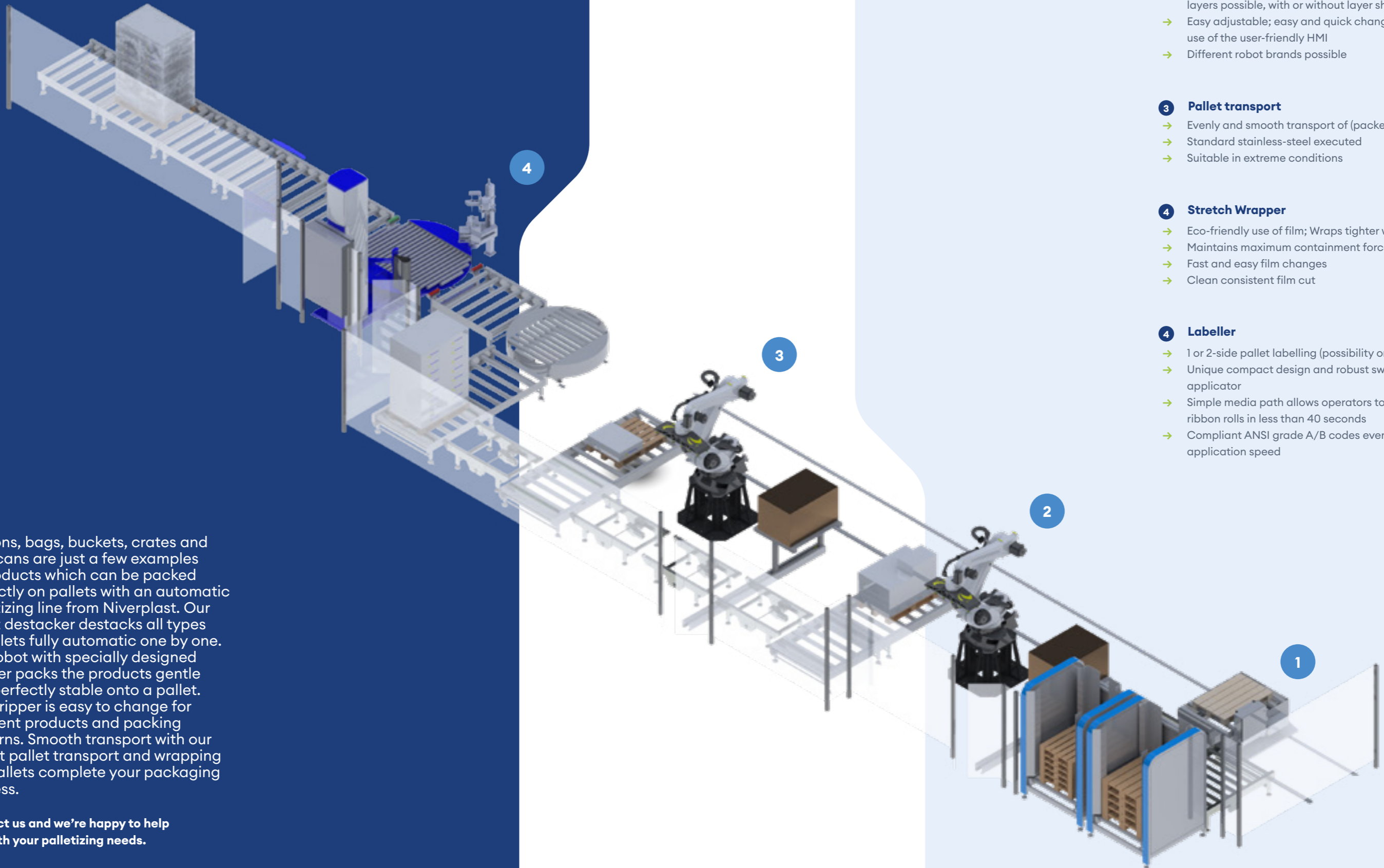
Niverplast developed a spiral conveyor to transport boxes vertically. This spiral conveyor can be adjusted to every needed infeed and outfeed height.



Robot pick & place

Gentle handling of delicate products

# Palletizing area



Cartons, bags, buckets, crates and jerry cans are just a few examples of products which can be packed perfectly on pallets with an automatic palletizing line from Niverplast. Our pallet destacker destacks all types of pallets fully automatic one by one. The robot with specially designed gripper packs the products gentle and perfectly stable onto a pallet. The gripper is easy to change for different products and packing patterns. Smooth transport with our robust pallet transport and wrapping the pallets complete your packaging process.

Contact us and we're happy to help you with your palletizing needs.

- 1 Pallet destacker**
  - Suitable for different pallet sizes
  - Able to handle different heights of pallet stacks
  - Standard stainless-steel executed
  - Also suitable to stack pallets
- 2 Robot with grippers**
  - Optimal gripper; a solution for every product
  - All kinds of different packing patterns and stacking layers possible, with or without layer sheets
  - Easy adjustable; easy and quick changeover by the use of the user-friendly HMI
  - Different robot brands possible
- 3 Pallet transport**
  - Evenly and smooth transport of (packed) pallets
  - Standard stainless-steel executed
  - Suitable in extreme conditions
- 4 Stretch Wrapper**
  - Eco-friendly use of film; Wraps tighter with less film
  - Maintains maximum containment force
  - Fast and easy film changes
  - Clean consistent film cut
- 4 Labeller**
  - 1 or 2-side pallet labelling (possibility on all sides)
  - Unique compact design and robust swing arm applicator
  - Simple media path allows operators to reload label and ribbon rolls in less than 40 seconds
  - Compliant ANSI grade A/B codes even at the highest application speed



Hi, my name is Tim

Do you have a product that needs to be packed? Get in touch!

+31 6 28 29 81 08

t.voortman@niverplast.com



Check out our successful bakery projects

Your precious bakery products need to be handled with care. With a Niverplast packaging line they are packed in perfect shape, just as they left the oven.

### Who we are

We are Niverplast. A Dutch packaging company determined to find the best solution to your packaging problem. We are passionate experts that understand your business like no other. With a focus on bag-in-box enclosures, we design, develop and market our own bags and machinery.

### What we can do for you

Niverplast develops innovative film packaging solutions to protect and transport a wide range of products from bread and meat to semi-liquids and non-food. Our primary focus lies in packaging products that require bag in box enclosures. Specific knowledge of the internal logistical process is the pillar of most Niverplast solutions.

### Our passion

So yes, we're in an industry that has its focus on producing machinery and bags. And yes, we do build the most durable, efficient and reliable machines. But we're also a people business.

Without our people, we would be nowhere. We want them to be happy, because we believe that happy colleagues create happy customers. We guarantee you a 100% happiness with Niverplast as well and we won't stop until you're satisfied with your packaging solution.

