

Who we are

We're a worldwide player in the packaging industry and located in The Netherlands. We believe that happy people create happy customers! We are passionate, think different and are continuously developing ourselves and the products we deliver.



Case erecting and bag placing

CombiPlast



Bag placing

EasyPlast



Bag closing

VarioSeal



Manual bag placing

EasyOpen



Vertical form fill sealing

Sepp



Camera quality control

Quality Checker



Camera counting

Speed Batcher



Counting Machine

Channel Counter



Case filling

Box Loader



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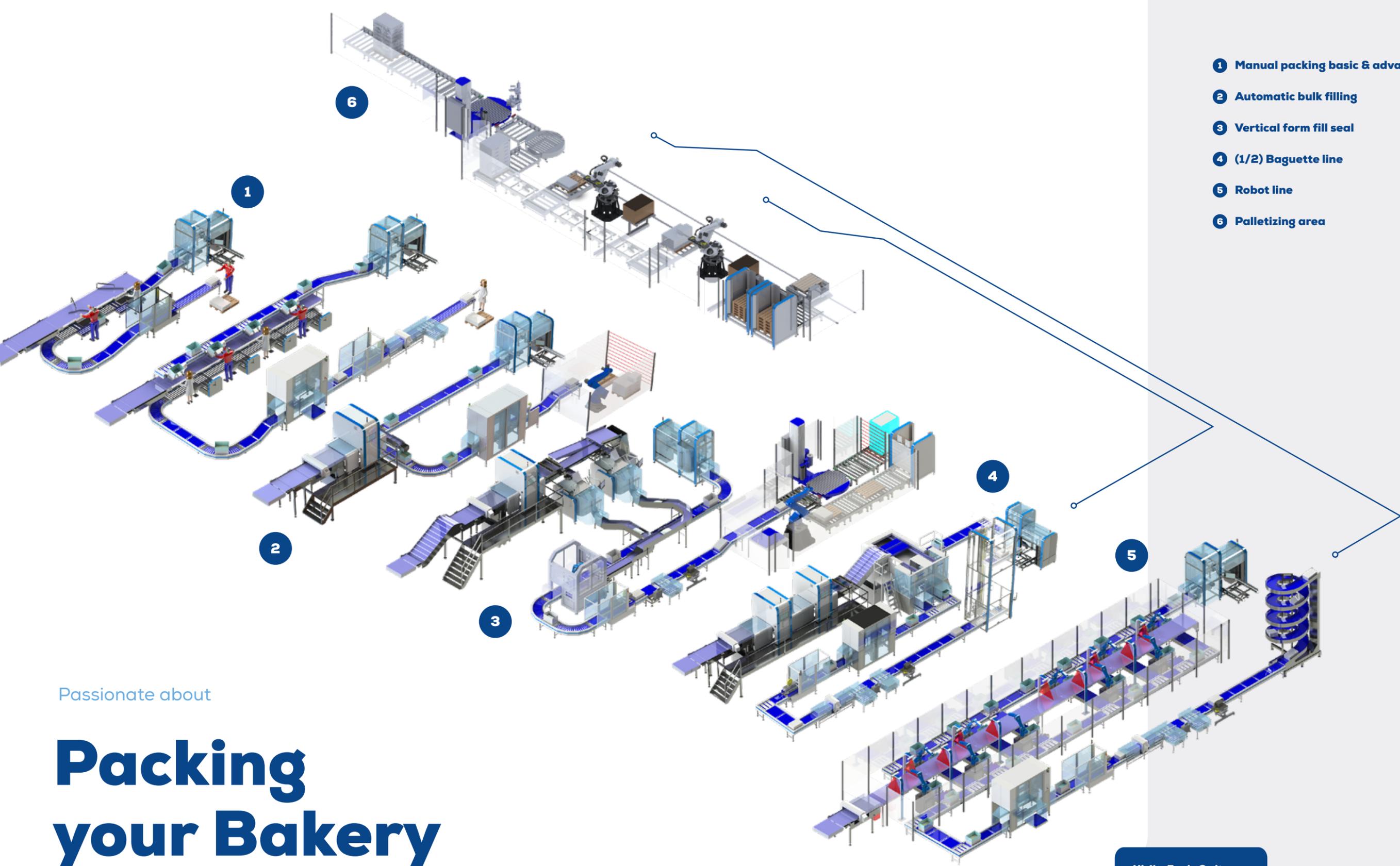
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IMPROVE BUSINESS TOGETHER

Passionate about packing Bakery products

niverplast.com



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Passionate about

Packing your Bakery products



Hi, I'm Erwin Smit

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Niverplast packaging lines for bakery products

Looking to pack your Pastry or (Frozen) Breads? Whether you use one of our manual packaging lines, which are always designed very ergonomic and efficient according your wishes, or one of our full automatic lines to pack smaller or larger bakery products, with our proven technologies we are always able to offer you full turn-key packaging solution. Everything between freezer and freezer designed and built by only one supplier; Niverplast. Passionate People.

We care about your bakery product(s) as much as you care!

What do you need?

A perfectly square case with a tight placed bag ready to place your bakery products in.

How do you achieve this?

With over 30 years of experience, Niverplast has been improving businesses all over the world with the automation of their packaging procedures.

Research & development and happy customers have been our top one priority. Together, is our key to success.

Whom?

Niverplast's passionate people have developed a complete and perfect Bakery packaging solution.

What machines?

- Case erecting with perfect bag placing integrated in one machine - the **CombiPlast**.
- Box filling by bulk, aligned, by hand or by robot almost everything is possible with our wide range of filling machines. Niverplast is flexible in making machines that suite your products the best way possible.
- Impulse sealing is used in bag sealing to create the perfect seal with our **VarioSeal** machine. Afterwards the top of the box will be closed with our **Taper**. To create an even smaller footprint, case top closing can also be integrated in the VarioSeal.

A perfect way to hand over your product to your customer with the slightest touch of hand labour.

Do you have a beautiful bakery product that needs to be packed in boxes or crates and are you considering automation of your packaging? We are happy to help you with a turnkey solution for the packaging of your bakery product(s) in a way that you can focus on the most important part – your product.

Niverplast is your passionate partner in improving your business!



Manual packing basic & advanced



1 Case erecting and bag placing

CombiPlast

- 24 hours non-stop production
- Easy and very simple to operate
- The most compact case erector/bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Handles prefabricated Easy Open bags down to 10 micron
- Up to 20 boxes per minute

3 Taper

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

2 Basic manual packing station

- Ergonomic
- Upper level provides an equal flow of products
- Lower level provides an equal flow of boxes
- Optional: Weighing table incl. screen with weighing process
- Stainless steel

4 Advanced manual packing station

- Ergonomic
- Upper level provides an equal flow of boxes
- Middle level provides an equal flow of products
- Lower level discharges filled boxes
- Optional: Weighing table incl. screen with weighing process
- Stainless steel

5 Bag sealing

VarioSeal

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

6 Metal detection

- Very accurate due to simultaneous frequency technology
- Metal containing boxes will be rejected by the pusher
- With lockable reject positions optionally

Niverplast, your passionate partner!

Passionate for packaging technology and manual labour

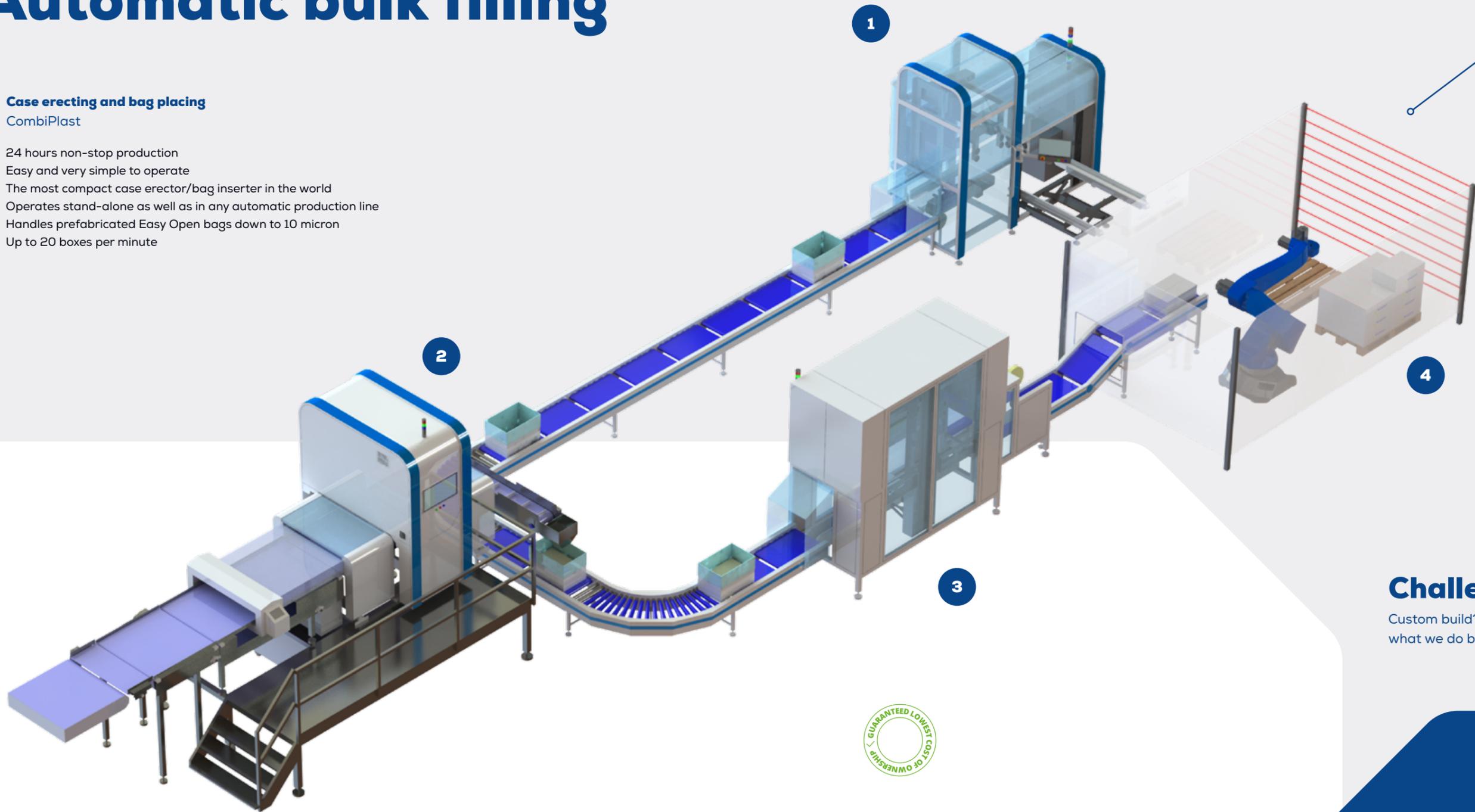
This semi-automatic packaging line combines packaging technology and manual labour for a flexible, ergonomic and cost efficient solution for packing your products into a bag in box. Packed by weight and/or manually by number, checked on metal, packed in a sealed bag and your product is ready to be shipped. Do you need a new semi-automatic packaging line? You want the new line to be as ergonomically and simple as possible with manually and bulk packaging positions. And of course you want to see that case erecting, bag placing and box closing is fully automated. Together with you we'll find the perfect solution for your business.

Complete line

Automatic bulk filling

1 Case erecting and bag placing CombiPlast

- 24 hours non-stop production
- Easy and very simple to operate
- The most compact case erector/bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Handles prefabricated Easy Open bags down to 10 micron
- Up to 20 boxes per minute



2 Camera counting Speed Batcher

- 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 and very simple to operate
- No manual adjustments, fully motorised
- Optional: integrated box (top) taper
- Optional: folding, clipping, vacuuming, gas flush

4 Semi-automatic palletizing

- 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

Challenge us

Custom build? That's what we do best!

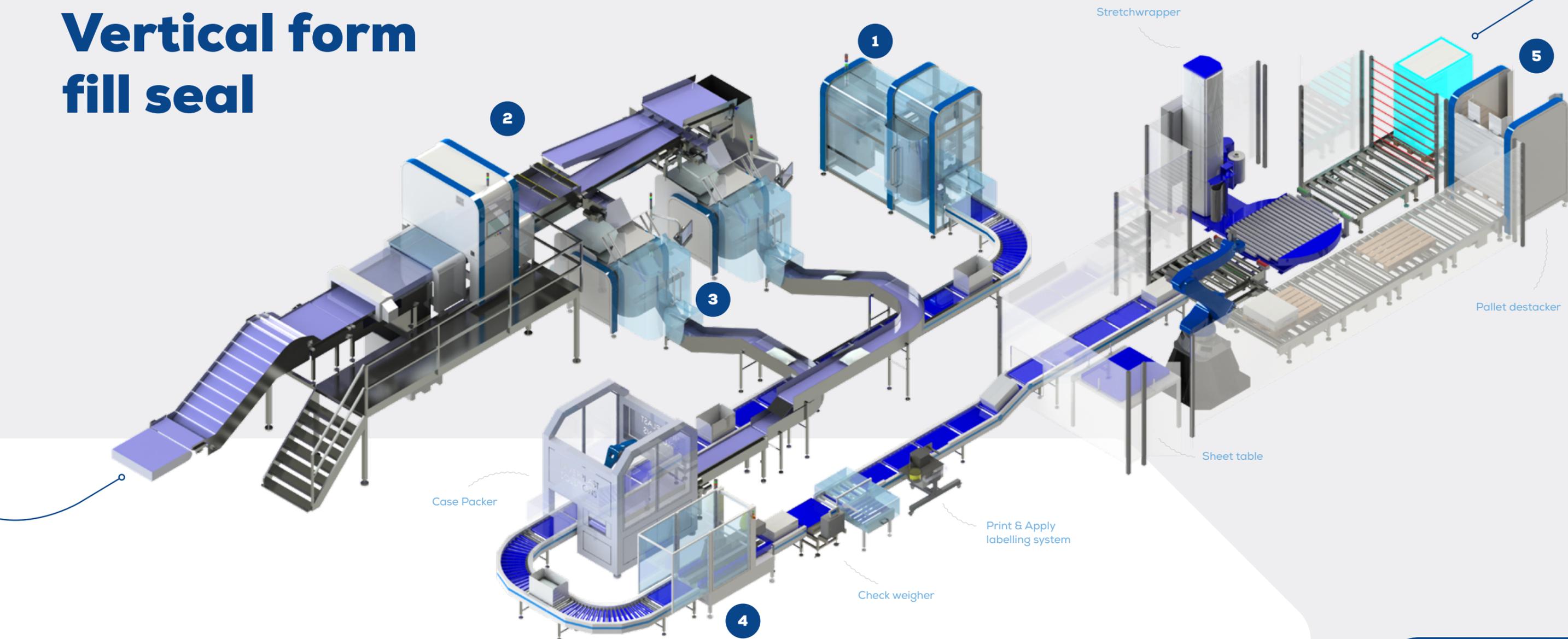


Automatic bulk filling

Up to 120.000
products per hour

Complete line

Vertical form fill seal



1 Case erecting and bag placing

CombiPlast

- 24 hours non-stop production
- Easy and very simple to operate
- The most compact case erector/bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Handles prefabricated Easy Open bags down to 10 micron
- Up to 20 boxes per minute

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

2 Camera counting

Speed Batcher

- 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

4 Taper

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

5 Fully automatic palletizing

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



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Niverplast, your passionate partner!

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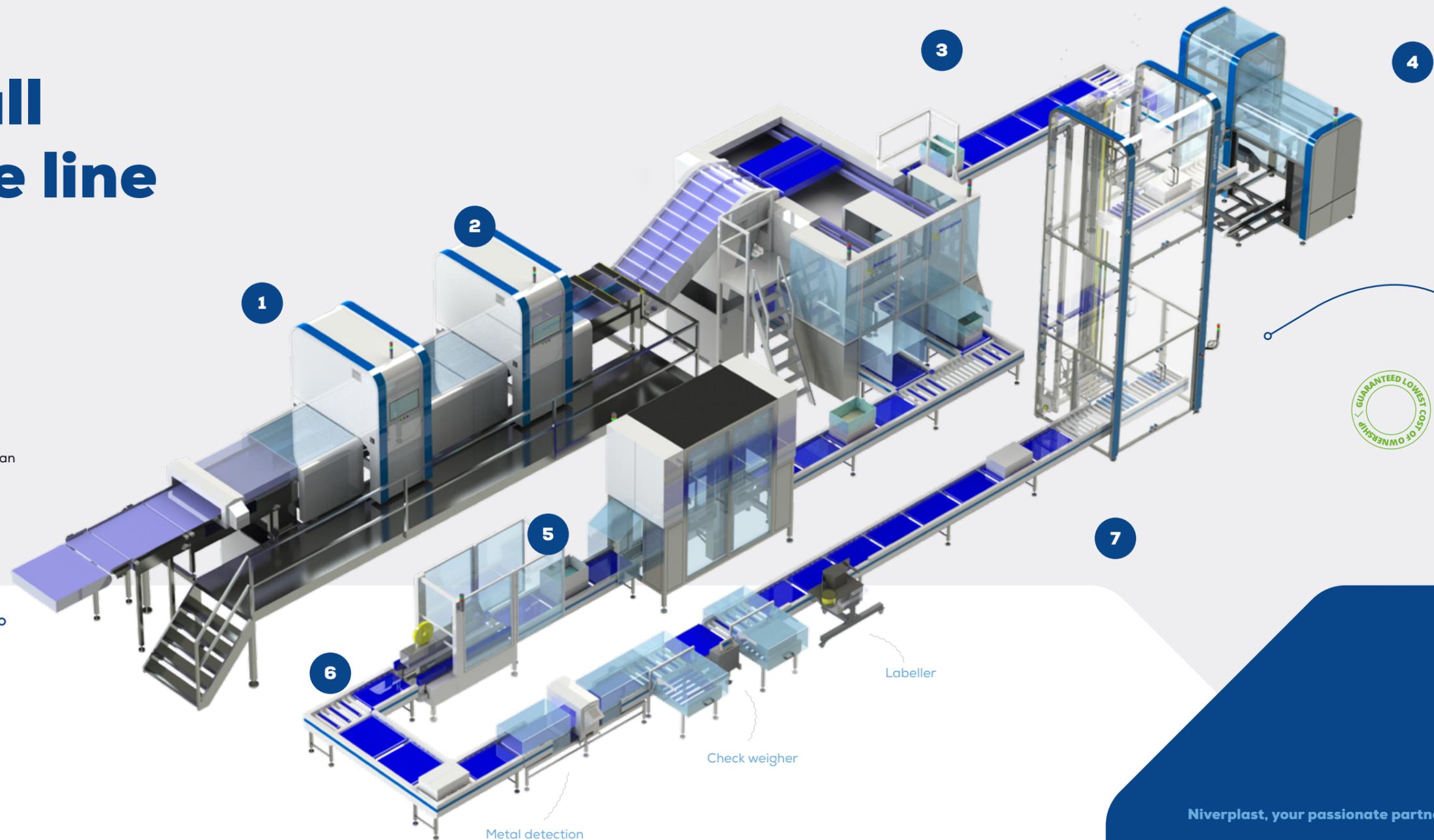
Complete line

1/2 or full baguette line

1 Camera quality control

Quality checker

- 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



2 Camera counting

Speed Batcher

- 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

- 24 hours non-stop production
- Easy and very simple to operate
- The most compact case erector/bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Handles prefabricated Easy Open bags down to 10 micron
- Up to 20 boxes per minute

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

5 Bag sealing

VarioSeal

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

6 Taper

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

7 Lift

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

Niverplast, your passionate partner!

Passionate for combining packaging and camera technology for a full automatic solution

This complete packaging line offers a full automatic, flexible and cost efficient solution for packing all your products into a bag in box. Checking on metal and/or quality, counted in big or small batches, all to your specific needs and wishes. It provides you the exact amount of quality checked products in a closed bag in box, ready to be shipped to your customer. The only thing you have to do is feeding the line with your products straight from the freezer, we do the rest. Together with you we'll find the perfect solution for your business.

Robot line

1 Case erecting and bag placing CombiPlast

- 24 hours non-stop production
- Easy and very simple to operate
- The most compact case erector/bag inserter in the world
- Operates stand-alone as well as in any automatic production line
- Handles prefabricated Easy Open bags down to 10 micron
- Up to 20 boxes per minute

2 Robot packing

- 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 center of the product
- The robots are executed with mechanical or vacuum grippers
- Easy accessible for maintenance and cleaning

3 Bag sealing VarioSeal

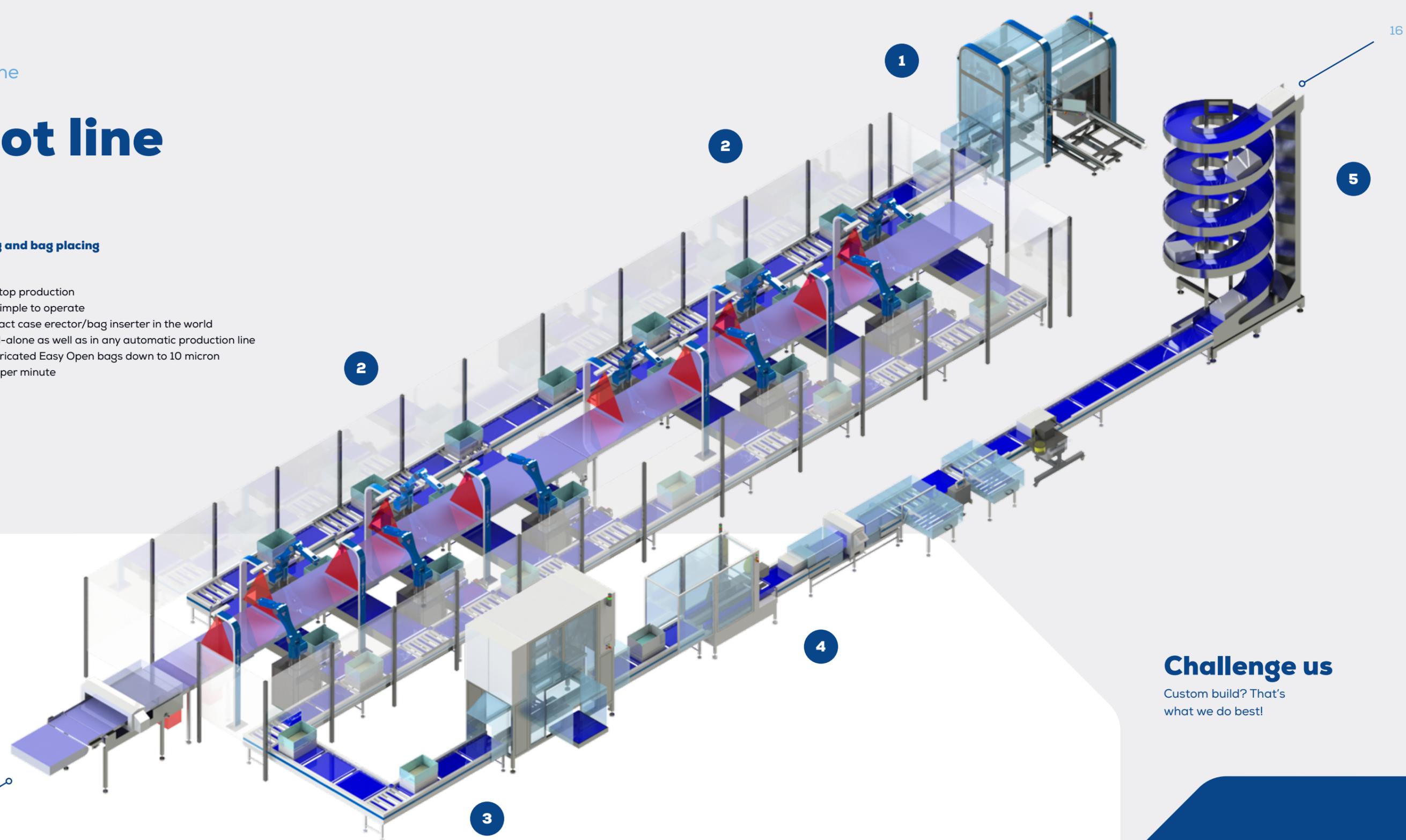
- Small footprint for bag sealing and check weighing
- Easy and very simple to operate
- No manual adjustments, fully motorised
- Optional: integrated box (top) taper
- Optional: folding, clipping, vacuuming, gas flush

4 Taper

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

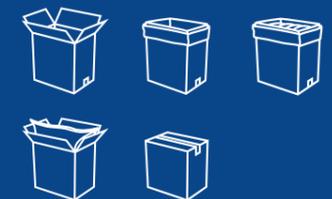
5 Spiral conveyor

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



Challenge us

Custom build? That's what we do best!



Robot line

24 hours non stop
production

What do you need?

Your products have to be packed with the highest care and perfectly stabled onto a pallet, ready for distribution!

How do you achieve this?

With over 30 years of experience, Niverplast has been improving businesses all over the world with the automation of their packaging equipment.

Research & development and happy customers have been our top one priority. Together, is our key to success.

Whom?

Niverplast's passionate people have developed efficient, flexible and compact palletizing solutions.

What machines?

- Destacking all types of pallets fully automatic one by one for transport towards the robot with our Niverplast **pallet destacker!** You can add a stack of pallets while the system is running because you won't have to stop your packing process.
- Stacking your products gentle and perfectly stable onto a pallet with our robot and Niverplast designed grippers! Easy to change to different products & packing patterns.
- Smooth transport of your (packed) pallets with our robust designed pallet transport system.
- Wrap your pallet and secure your load from sliding off the pallet during shipment with our **stretch wrapper**.
- With our **palletizer** you are secure you hand over your products the way you want to your customer, easily and with the slightest touch of hand labour.

Cartons, bags, buckets, crates and jerry cans are just a few examples of products which can be packed perfectly onto a pallet with an automatic palletizing line from Niverplast. Do you have products that you want to pack with the highest care and perfectly stable onto a pallet, ready for distribution to your customer? Contact us and we are happy to help you with your palletizing needs!

Niverplast is your passionate partner in improving your business!

Palletizing area

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

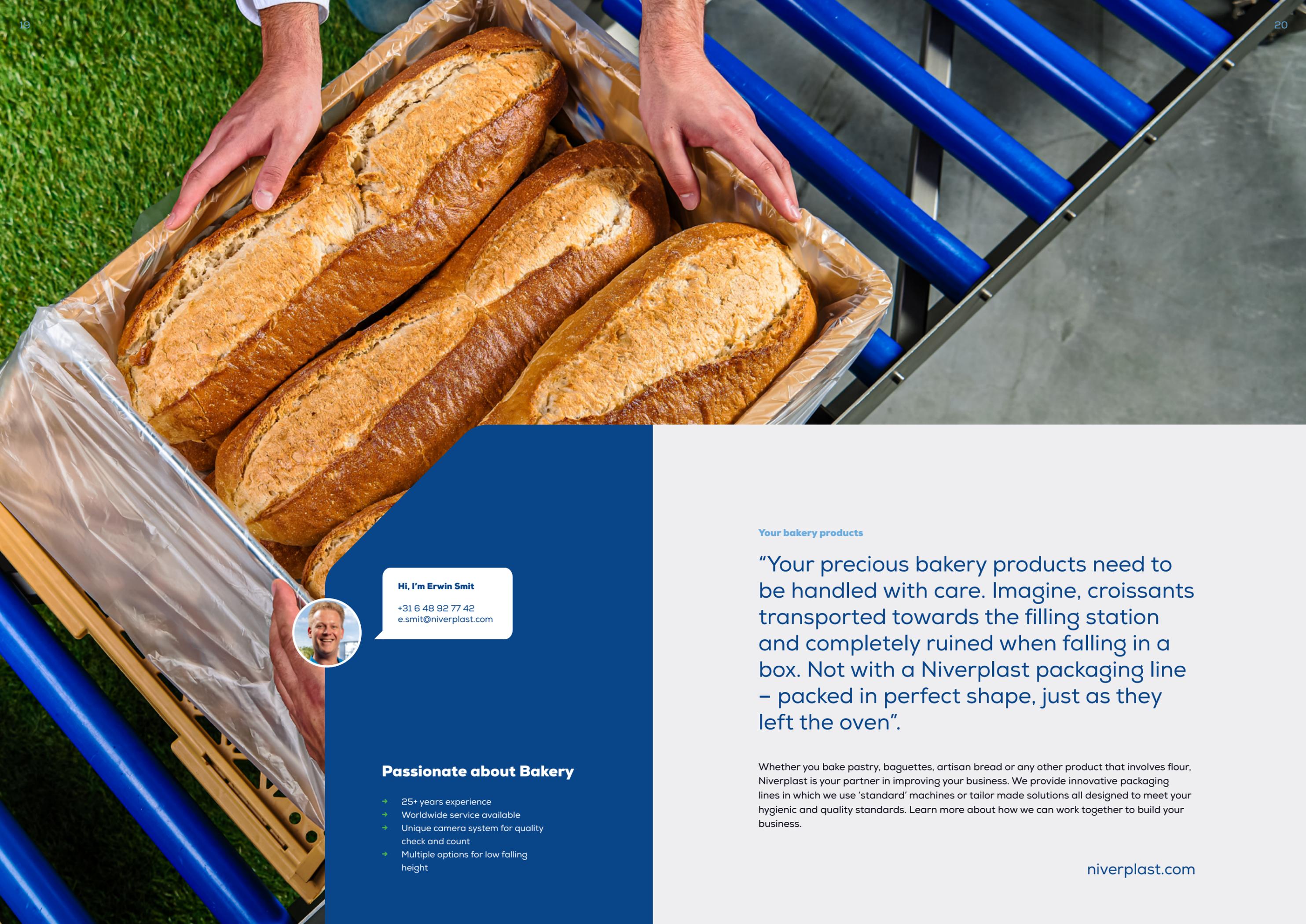
- Evenly and smooth transport of (packed) pallets
- Standard stainless-steel executed
- Suitable in extreme conditions

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



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Passionate about Bakery

- 25+ years experience
- Worldwide service available
- Unique camera system for quality check and count
- Multiple options for low falling height

Your bakery products

“Your precious bakery products need to be handled with care. Imagine, croissants transported towards the filling station and completely ruined when falling in a box. Not with a Niverplast packaging line – packed in perfect shape, just as they left the oven”.

Whether you bake pastry, baguettes, artisan bread or any other product that involves flour, Niverplast is your partner in improving your business. We provide innovative packaging lines in which we use 'standard' machines or tailor made solutions all designed to meet your hygienic and quality standards. Learn more about how we can work together to build your business.