

NXXT Vertical packaging

Designed for tomorrow

NXXT[®]

VERTICAL PACKAGING MACHINES



Foreword

NXXT steps

With great pleasure and pride, JASA has launched a new generation of vertical packaging machines. This platform symbolizes JASA's development in recent years. More than ever, we focus on innovation, internationalization, and professionalization, particularly on customer care and added value for operators and technicians.

This new generation of machines is even faster and more reliable, offers short changeover times, is operator-friendly, and works on the basis of predictive maintenance. In addition to the traditional potato and fruit and vegetable market, this platform focuses on processed and frozen food applications.

In addition to the traditional potato, fruit, and vegetable market, this platform mainly focuses on processed and frozen food produce.

A huge thanks to all JASA employees who, by thinking outside the box, achieved this unique result. Of course, thanks also to our cooperation partners, who contributed to this great result

Eduard de Haan

CEO



NXXT

Table of contents

About JASA

DNA

Our genes determine who we are.
A brief summary: Innovation, innovation,
innovation! JASA's DNA perfectly
combines our culture, our character, and
fun in the workplace. It's a magical mix of
passion for what we do, where the word
"impossible" does not exist and where all
of our distinctive features come together.
If you want to work with us, be ready to
embrace this mix as part of our family...

it is our DNA!



The JASA family



Family business JASA was founded in 1985 by Piet Pannekeet as Pannekeet Machine Techniek (PMT). After a few successful years, the name was changed to JASA, derived from the names of Piet's children: Jarno and Sandra. As JASA Packaging Solutions, we have evolved into an international specialist in packaging lines.

We build **the THRILL!**

We are proud of where we come from. Today, our JASA family consists of more than 100 people, and with dealers included, more than 500 people. With our rich history in mind, we look to the future with confidence, expertise, and pleasure!





Have you ever really looked at our logo? It represents a happy person with their hands in the air. Symbolically representing satisfied customers and happy colleagues. Emphasizing all those moments, we did something no one else did before us.

Collegiality, sociability and celebrating successes

The THRILL moments on the job at a customer and home at JASA strengthen our cooperation for the future. Collegiality, sociability, and celebrating successes are important elements of JASA's corporate culture. Customer satisfaction and adding value for our customers is very important to us.



Core Values



Make **money**



Have **fun**



Respect **people**



Work **together**



A close-up photograph of a young green seedling with several leaves growing out of dark brown soil. The image is framed by large, semi-transparent yellow geometric shapes that overlap the corners and sides of the photo. The text 'Planting seeds' is written in white on the left side, with 'Planting' in a larger, bold font.

Planting seeds

The Journey of our **NXXT** Generation Project

Innovation, the word has already popped up. It's what we do, and it's who we are. Innovation all starts with setting ridiculously high standards for everything we do. Look up the word ridiculous, and you'll find synonyms like absurd, silly, moronic. We prove otherwise every day. Ridiculous can actually be the beginning of something revolutionary. The seeds we plant daily grow into fantastic projects. This particular ridiculous seed has sprouted the NXXT generation of vertical packaging machines. There's always a NXXT step.





Don't judge
each day by the
harvest you reap
**but by the seeds
that you plant.**



Philosophy **behind NXXT**





Modular design

The entire NXT project is based on modular thinking. A philosophy to build with autonomous modules. But above all, constructing in a way that keeps all options open and nothing becomes impossible, always looking at what can be perfected. That is also where the name NXT sprang from. We look ahead and think about how we can make it as easy as possible for the customer, for the present, and for the future.

A modular design offers several advantages in terms of flexibility, scalability, service, and efficiency, but above all, a great deal of convenience for operators. In the original machine, there was no room to accommodate all the options requested by the market. Operators had to adjust many settings.





With NXXT, we placed 52 modules and options sequentially and in the correct process order, from unwinding the roll to making a bag and from perforating to corner sealing. We looked for logical positions and, above all, easy access for the operator and technicians. With NXXT,

the modules are wired together by a single cable. The idea behind it: 'Everything the operator should be able to set should be automatic.' In short, at the push of a button, going from 200 grams of snack carrots to 500 grams of tomatoes.

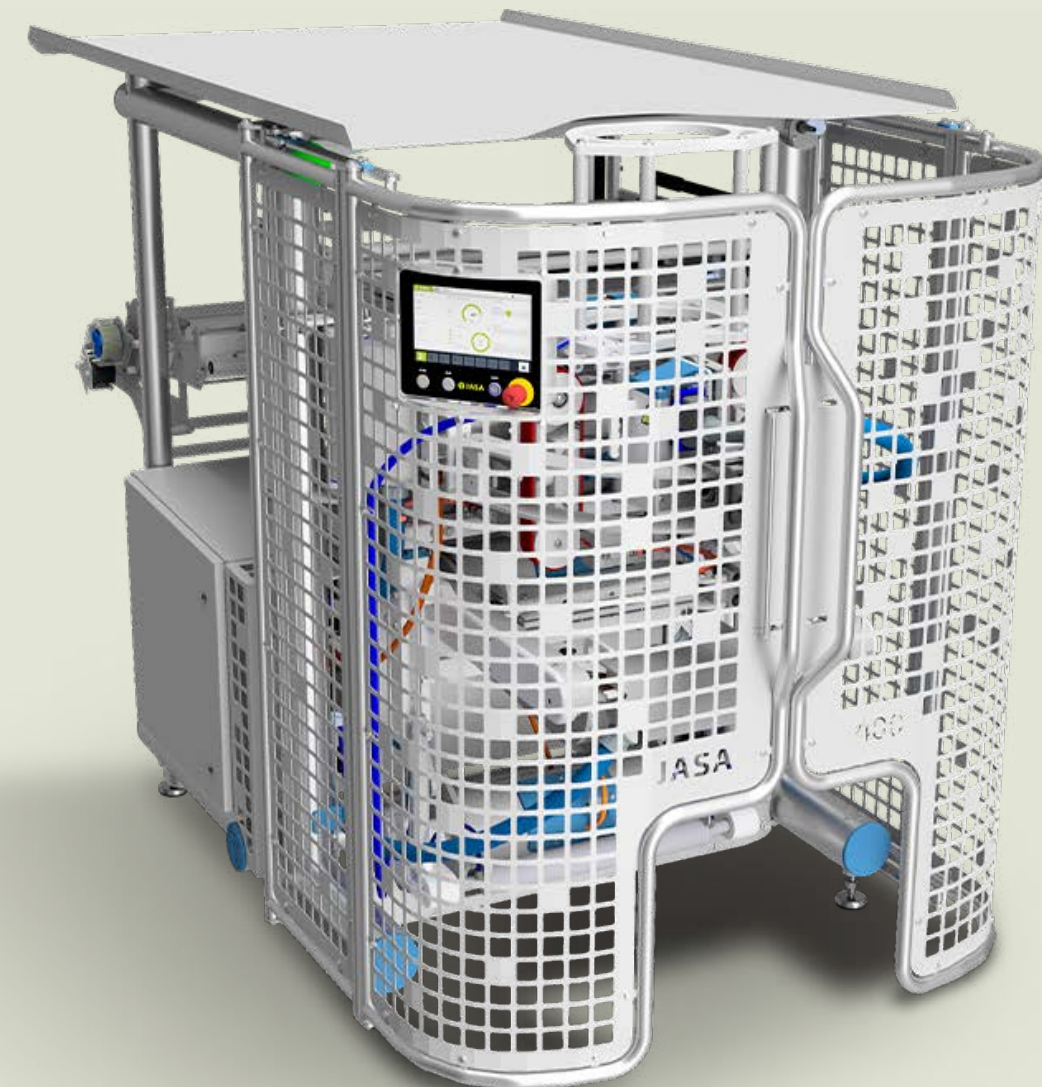




Compared to the previous generation, **over 200 enhancements have been made**

Thinking about the future

We don't know what the future will bring us. What we do know is that with today's technology, all our ideas can be implemented in NXXT without any problems. We offer our customers efficiency, ease of use, and service in a packaging machine that makes even the wildest dreams of the future come true. Turning dreams into reality.



NXXT explained

The secrets of our NXXT step



Golden Six

Once all the “why” and “where” questions are answered, we start looking at the “how.” Faster, better, cleaner, more efficient, more user-friendly; we make sure to review and check all the boxes. The Golden Six sounds like the latest James Bond movie, and sometimes we indeed feel that way. But to us, the Golden Six does not mean saving the world from the hands of a villain. For us, it signifies progress, innovation, and a new future for the packaging industry. Six Unique Selling Points make NXXT stand out from everything else on the market.

007, eat your heart out!





Cleanability

Hygienic design

Everything starts with design: aesthetic, compact, visually appealing, and practical. The main goals of hygienic designs are to reduce or remove areas where contamination can accumulate, improve ease of cleaning, and make thorough cleaning and disinfection processes easier. Hard-to-reach spots? We haven't found them yet.

The NXXT packing machine is transparent and open, perfect for cleaning. Smooth, non-porous surfaces prevent the accumulation of grime and bacteria. Another subtle detail is the cable run. For each cable, thought has been given to the run in terms of hygiene and cleaning. All flat surfaces of the housings slope at an angle of at least 3 degrees; in cycling terms, this is called false flat.

Tight seals, built from stainless steel components, provide an IP66 rating. For NXXT, that means very effectively preventing dust and water from entering. It makes the machine suitable for use in high-care environments.

FDA approved

The materials must not release any harmful substances into the process or product. Therefore, all plastics are made from an FDA (Food and Drugs Administration) approved material.

We always think: what's NXXT. Looking ahead in everything we do. Which is why we design and build according to the EHEDG guidelines.





In Formula 1, about 18 people stand ready for a pit stop. In just 1.82 seconds, four tires were changed, and a front wing was slightly adjusted in 2019.

Flexible, fast changovers

One-person pitstop

With NXXT, we created our own pit stop, not with 18 people, but with one operator who can perform a film change. Time-consuming, manual settings are also a thing of the past at JASA. NXXT adjusts everything down to the millimeter, such as edge control or labels and 'best before' codes in the right spots. Spotmark sensors are also automatically recognized by NXXT.

De one-person pitstop van NXXT in vogelvlucht

The current production film is clamped and can then be cut with the integrated knife. The cut-off part on the roll side is automatically rewound. A new roll can be inserted with the lifting aid and pushed to the end of the reel shaft. The position of each size film roll is always the same, thus always aligned correctly. The film roll is automatically clamped and then draped onto three rolls with a few smooth movements by the operator; next, the new roll is glued to the one already in place.

When changing sizes, the width of the film will be different, but this does not affect the settings. The last production part, with the remaining film, can be started. The machine will automatically stop when the new size film has reached the format section.

The next step is the format change. The format is automatically unlocked and ready to be lifted from the machine with the OSHA-friendly lifting aid. Thus, a new format can be inserted in reverse. The format is changed in no time at all, without physical and non-permissive OSHA effort on the operator's part. The lifting aid is for inserting a new film roll and lifting and removing the format.

One Tool fits all.

What remains now is to bring the foil into the format and run it through. Lights out and ... roll

That's the NXXT one-person pit stop. User-friendly, automated, and streamlined. Not in 1.8 seconds, but we went from 20 to 3-4 minutes. That can add 300 extra packs per hour. Take stock of the gain!





Improved (operator) safety

As if we weren't already doing this ...
We are permanently committed to the safety of our machines and our people. The starting point for safety in all our designs is following the European directives for the machinery industry. These contain safety requirements for the use of machinery.

For the operator, ergonomics are also essential. In this regard, we fully comply with the ergonomic guidelines required by law. The main thing we wanted to improve in this area was reducing the operations that had to be done during a format change.

Working safely may get old,
but so do those who **practice it.**

Using the risk-o-graph method, we determine the effect, exposure frequency, and likelihood of hazards in advance. In short, anyone who works with a JASA machine knows that the highest safety requirements have been met.

The lifting aid does all the heavy lifting when changing film roles to a different format. Thus, we reduce all the heavy handling associated with NXXT. Another perk: satisfied employees.



Savings and reliability

The most **effective way to do it**, is to do it.

We are constantly optimizing our processes. In this, the efficiency of our machines is crucial. At the same time, we want to reduce costs and environmental impact. Pneumatics disappear and are replaced by energy-efficient servomotors, waste is minimized, and the airflow for sealing is optimized. In NXXT, all these things come together.



Energy
efficient



Packaging
material savings



Lower **air**
consumption



Higher
capacity



Quick
Changeovers

* Disclaimer: All mentioned features (speed, enhancements, ease of use) of our packaging machine depend on the specific conditions applicable to the customer.



Higher processing speeds

Like a sprinter, we are always looking for speed in our machines. For every part, we search for its optimal movement. NXXT gains seconds at the start, but especially at full speed, the new packaging machine grabs the best time. And we have already mentioned the changeover time, which has gone down from about 20 to only 3-4 minutes.

Speed (*velocity*)

1 - the magnitude of a velocity, irrespective of direction

Reliable

As with all our machines, we don't only look for high speed. After all, a packaging machine that stagnates doesn't make any money. That's why reliability is very important to us. Choosing the right solution for our customers is more important than selecting the fastest. This is our track to a long-term future.



Serviceability

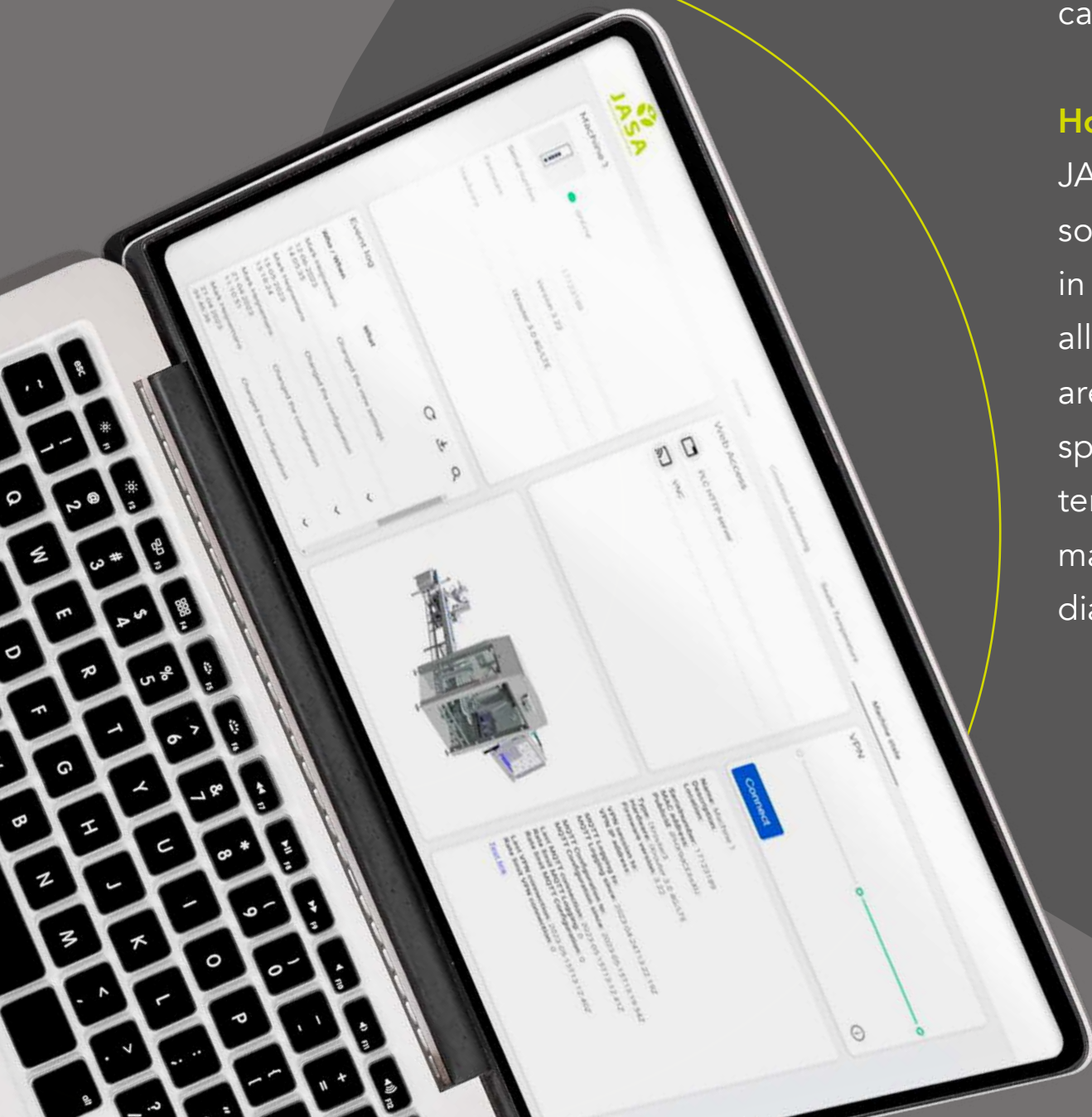
Meet JASA-connect™. Our new hybrid system is where we can monitor all the data of the JASA NXXT's moving parts. It means optimal convenience that allows machine maintenance, repair, and service tasks to be prepared remotely and carried out swiftly on-site.

How it works?

JASA-connect™ is a cloud-based solution, a digital copy of the machine in the cloud. On a personal dashboard, all machines and all machine functions are clearly presented, including power, speed, number of movements, and temperature of the motors. But also all manuals, parts books, and (electrical) diagrams can be displayed.

Predictive maintenance

Also, at JASA, we can check NXXT level. When connected to our packaging machines, we can learn from all the data from the packaging machines anywhere in the world. If the machine is down, which, of course, we do not assume, we make the 3D visible and find a solution in no time. We can even give timely advice in case: 'service is needed,' or a part needs replacement. We call that predictive maintenance, replacing something before it breaks down. It is the service we offer in optima forma. All 'wear and tear parts' can be replaced without tools.



Innovate

From generation why
to generation how?



Innovation is in our DNA. We have continuously innovated. Building revolutionary new machines requires very high standards. The ergonomics, the number of components, the assembly price, and the cost price; we want to get the most out of these aspects.

We build **the THRILL!**

When we get the reaction, "But that's not possible," we give it even more drive and thought. And in case we still can't figure it out, we hire parties who specialize in specific areas of product development. We are not afraid to listen to specialists. We learn from them and bring their knowledge into the future.



Packaging Machinery Manufacturers Institute

In short, PMMI is the global representative of manufacturers of packaging machinery, equipment, and technologies. Their annual report shows the latest trends and innovations in the packaging industry and what customers and operators consider important when choosing a packaging machine. During the development of the NXXT vertical packaging machine, we considered all these aspects and ensured that the NXXT meets all the requirements and wishes of the market. No Golden Six without PMMI!

Exploded views

Once all the ideas and requirements have been figured out, it's time for the technical people to start working on the blueprints. Technical sessions with mechanical, electrical, and software engineers result in the first hand-drawn sketches and end in an exploded view drawing of the final product. Everything in between? Sketches, meetings, calculations, even more meetings, cost analyses, online meetings, lots of emails, and feasibility analyses, **all that to build the THRILL!**

Best of all worlds - learn from the competition.

Twelve competitors were analyzed down to the smallest detail during our competitive analysis. Why are they doing what they are doing? And why aren't we doing it yet? At JASA, we learn from all our competitors to build "the best of all worlds." For example, we turn nine different JASA models into one supermodel (the Claudia Schiffer among machines). Completely modular and fully controllable offline, online, and remotely for serviceability purposes.



JASA makes impact **through innovation**

A photograph of a hammock hanging from a tree in a park. The hammock has blue and green stripes. The background is a blurred park scene with trees and grass. The image is framed by a large, light-colored circular graphic on the right side.

Customer
peace-of-mind

We think modular but also food and machine-safe. The JASA NXXT leaves nothing to be desired.

At least, that's how we feel. We always want to keep meeting customer needs. And nothing is as changeable as the market, as we know from experience. All the commercial sessions' statistical analyses are essential when we deal with the (new) PMCs. These product-market combinations may seem tedious, but they are vital for a project to succeed.

Our final product incorporates unique customer requirements, resolved pain points, past experiences, customer benefits, and contemporary market features. This is how we meander to our ultimate goal: 100% satisfied customers.

Perfection may be hard to achieve, but we make it a fantastic adventure with a smile and an "anything is possible" attitude.

Our goal, that glimmering dot on the horizon, is getting closer and closer!

NXXT is the embodiment of our ideals. A packaging machine ready for the future that puts reliability and ease of use first. In our eyes, it is the ultimate peace of mind for the operator and our customer.



Internationalizing





DELTA (CA)

RICHMOND (VS)

KLEVE (D)

ALKMAAR (NL)

At JASA, we are always looking to cross boundaries. For nearly 40 years, we have crossed national borders. It means growth and growth implies progress. We have branches in the Netherlands, the USA, Canada, and Germany and are preparing for a branch in the Middle East. In addition, we have a worldwide dealer network. We are also more than proud of our customers, who are spread out all over the world. Thousands of JASA machines and packaging lines are used for more than 25,000 different types of packaging.



Packaging **types**





Recycling, less plastic, less packaging material

As part of the sustainability challenge, the way we package products has become a crucial component. We are constantly searching for the "new normal" for packaging. This results in the constant broadening of our product range. We are increasingly focusing on the environmental impact of plastic and paper packaging alike. All our machines must be able to run paper in addition to film material (plastic).

This involves minimizing through recycling, responsible sourcing, and waste reduction.

Meeting consumer demand for more sustainable options is a full-time job these days. As a Paper Packaging Specialist, we are able to realize the most suitable state-of-the-art paper solutions for our customers and, consequently, consumers. And, of course, the solution always depends on the product that needs to be packaged.

- Laminated paper
- Paper with a full coating
- Partially coated paper
- No coating





With NXXT, nothing stands in the way of packaging flexibility and quality. With NXXT, it is possible to pack in both film and sealable paper quickly, flexibly, and with minimal changeover times. You save time and money, and we can safely call it a sustainable option.

A small guide on how to save money (and the environment)



multi-
functionality



less
plastic



use of
paper



less
material



recyclability



mono-
packaging



Our products/ applications



Never a dull moment in retail.

Potatoes, avocados, sliced fruit, kiwis, leafy greens, tapas, tomatoes, onions, meat (alternatives), fish, carrots; walking through a supermarket becomes special when you know what we are all packaging.



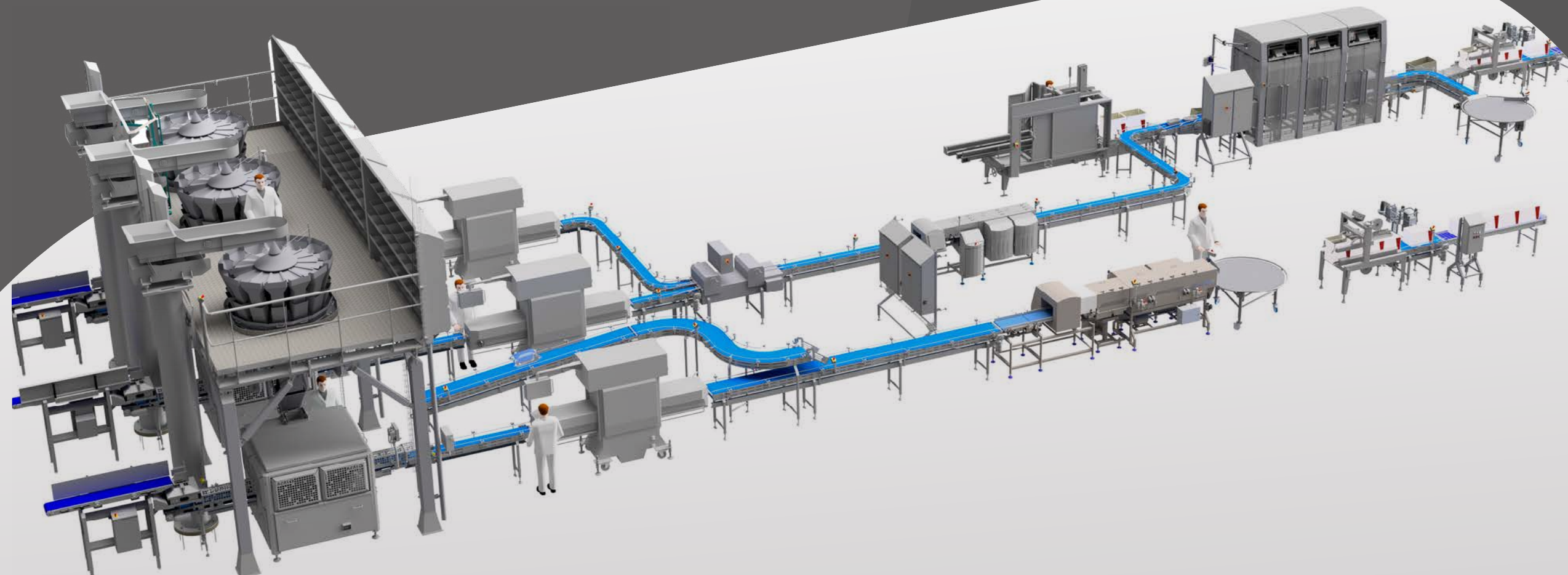
Packaging- lines



Automatic filling stations, weighers, ergonomic workstations, top sealers, draggers, packaging robots, de-nesters, modular roller conveyors, and belt conveyors; a packaging line may sometimes be dozens of meters long and consist of dozens of machines from different manufacturers. NXXT, as part of an entire packaging line, is the icing on the cake.

JASA specializes in supplying complete weighing and packaging lines for the raw, cut, and frozen fresh produce market and for the fish and seafood sector. Occasionally, we sidestep to special projects for other products. Our project leaders, with a team of specialized engineers, take full ownership of your complete line.

JASA offers the total solution, whether it is a semi-automatic line, fully automatic weighing of dry and fresh-cut vegetables and fruits, or a packaging line for meal salads or tapas. Our ultimate goal is to give peace of mind to our customers!



Take the
NXXT step
with JASA.

www.jasa.nl



We are ready for
the future. **Join us!**

The Netherlands

Headquarters, Alkmaar
info@jasa.nl
+31 72 561 27 00

Germany

Kleve
sales@jasapackaging.de
+48 2821 778096

United States of America

Richmond, VA
sales@jasapackaging.com
+1 804 442 6636

Canada

Delta, BC
sales@jasapackaging.com
+1 804 442 6636

