

*"Specialised
in **packaging**
solutions for fruit
and vegetables
for more than 30
years"*

JASA PACKAGING MACHINES

Complex packaging for potatoes, vegetables and fruit





Fruit and vegetables packaging specialist

JASA Packaging Systems is specialised in complex packaging for potatoes, vegetables and fruit. For more than 30 years, we have been supplying the producers and packagers of produce and process with suitable vertical packaging solutions. Our solutions have proven to be effective and guarantee a fast, clean and safe production of representative packaging for a large variety of fruit and vegetable products.

Flexible partner

JASA Packaging Systems knows the complex fruit and vegetables market inside out. Years of experience have taught us that your production conditions can be challenging. The specific wishes and needs of fruit and vegetable packagers differ and the products to be packaged are just as varied. Our operational processes are tailored to be flexible in this complex and demanding market. Product development, fabrication, installation, training, service and maintenance. JASA Packaging Systems has it all. On the basis of our expertise, we design the best packaging line for you. This is what makes JASA Packaging Systems the flexible partner for all your packaging needs for fruit and vegetables.

motion or intermittent production. Machines are available in various speeds, are compatible with leading print, weighing and dosing systems and can be expanded with modular accessories. This way our solutions produce multiple types of packaging. From a simple pillow bag to our patented 2-in-1 Pack™. But also various stand up pouches and kilo packaging with a finger grip. With a label, wine glass or clip-to-clip label, laminate or net-film combinations for brand names and product information. For washed or unwashed products. For packaging in dry and dusty rooms or in damp, cooled or warm conditions. Whatever your packaging challenge is, JASA Packaging Systems offers a suitable solution. For every fruit and vegetable product, every packaging requirement and every production environment.

Wide range of products

Our wide range of products includes packaging solutions for sealing and clipping, on the basis of continuous

JASA Packaging Project Solutions: from specific packaging requirements to the cost-effective complete solution.

JASA Packaging Project Solutions caters for your packaging line project from A to Z. Thanks to our years of experience, the entire project support is in reliable hands with us. On the basis of your specific requirements, we design the most efficient packaging line: designed to suit your actual situation down to the last detail, seamlessly integrated into the whole production line and ready to operate. Operators and the technical service are up to speed in a short period thanks to our hands-on training. And if a problem suddenly comes up, you are assured of JASA as a back-up so continuity is guaranteed.



*The JASA packaging solutions **have been proven to be effective** and guarantee fast, clean and safe production.*

The solution-oriented trajectory consists of seven phases:

Step 1 *Research*

We take stock of your packaging requirements. We carry out thorough research into the demands of the packaging materials, the products and the product environment and adapt the general specifications for a complete solution in consultation with you.

Step 2 *Plan*

We make an appropriate proposal based on the research. We process measurements, determine specifications of the packaging material and adapt the technical requirements of the complete solution accordingly. This results in a sound, detailed plan, tailored to your situation and including the complete financial picture. Is the solution offered satisfactory? If so, the sales specialist will hand over the project to one of our project leaders.

Step 3 *Final design*

When all the measurements of the entire packaging line have been checked thoroughly on location, our Project Engineering draws the final design digitally, down to the smallest detail. In close consultation with the project leader, the client provides precise packaging specifications of the packaging materials. Infeed and outfeed conveyors and the emergency stop facility have been integrated into the graphic illustration of the complete solution.

Step 4 *Trial installation*

The final design leads to a trial installation at JASA. We construct and configure the entire packaging line as it is in the final design. Together with you and the packaging supplier, we test the line with the products to be packaged and the packaging materials.

Step 5 *Installation*

After the pre-acceptance test of the trial installation, we dismantle the packaging line and organise safe transport to the definite production environment. Our professional installers are experienced in the rapid construction, connection and configuration of packaging lines. This way we ensure minimal installation stress and the line is operational within a short period.

Step 6 *Instruction*

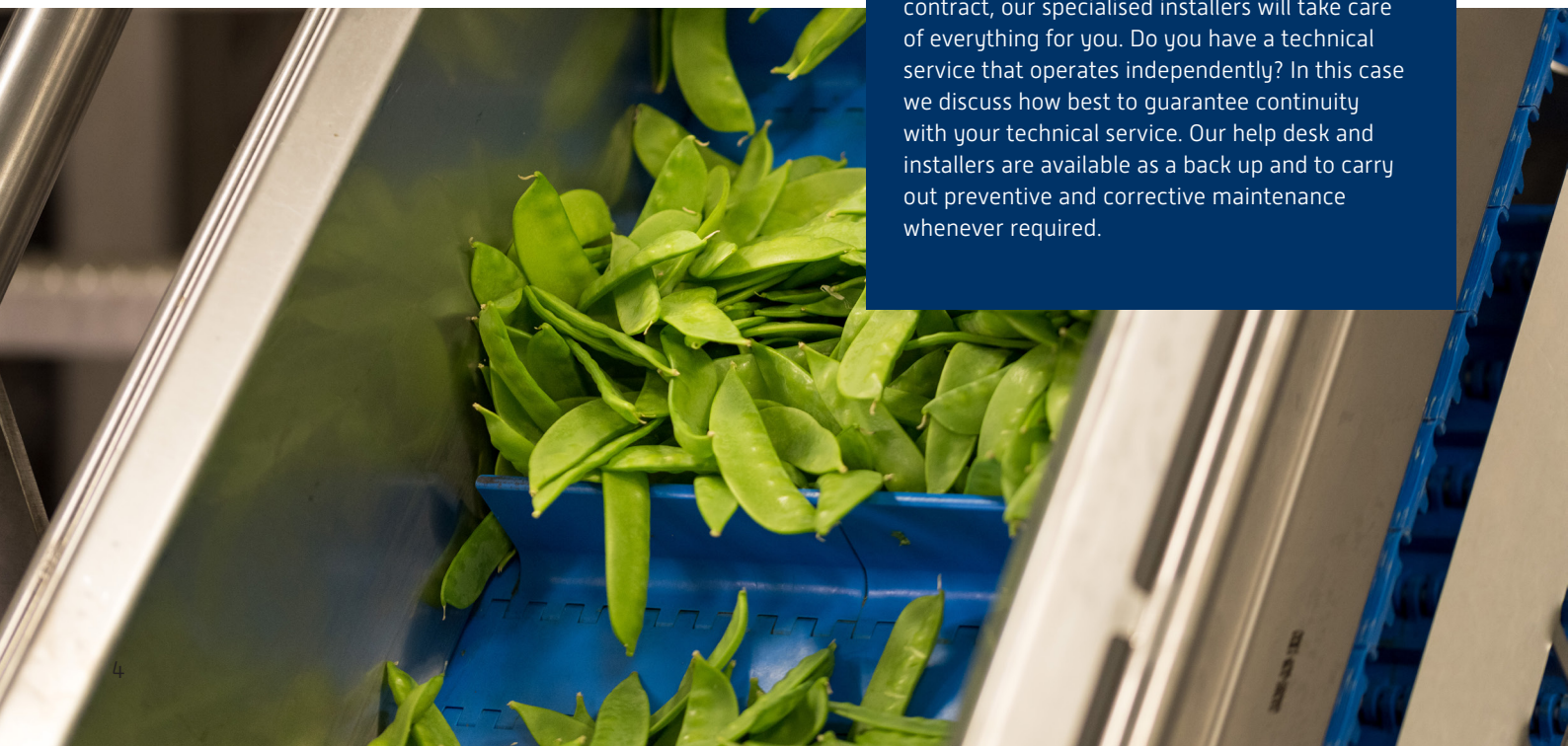
We provide practical instruction for your operators and maintenance training for your technical service. The hands-on explanation gives the operators responsible for each production team a good understanding of all the possibilities the line has to offer. On completion of the training, the technical service will know how to carry out maintenance effectively and efficiently. The time invested will be paid off in fast and optimal use of the packaging line. This prevents down-time and guarantees production continuity.

Step 7 *Completion*

Do you have a technical service that operates independently? In this case we will hand over diagrams, maintenance packages and sets of spare parts to the head of your technical service. Our help desk remains available as a back up and our technicians will carry out preventive and corrective maintenance if and when required.

Flexible service

JASA Packaging Systems helps packagers to guarantee production continuity. If you opt for a full service 24/7 maintenance and service contract, our specialised installers will take care of everything for you. Do you have a technical service that operates independently? In this case we discuss how best to guarantee continuity with your technical service. Our help desk and installers are available as a back up and to carry out preventive and corrective maintenance whenever required.





Diversity in complex packaging

Fast, clean and safe production of representative and complex packaging for potatoes, vegetables and fruit is our profession. The extensive range of products from JASA Packaging Systems covers a large variety of packaging requirements. An array of modular accessories extends the possibilities. In this way you can use each of our vertical shaping, filling and closing machines to produce multiple types of packaging when it comes to shape, materials, size and weight of the bag when full. From straightforward PP or PE pillow bags to stand up varieties, block bottoms and net-film combinations.

Patented 2-in-1 PackTM

Our speciality is expressed in a 2-in-1 PackTM developed by JASA Packaging Systems. This packaging solution is our answer to the increasing consumer demand for convenience products. With mixed salad or potato wedges in the main compartment and dressing, herbs or croutons in small bags in the second compartment, every household is able to put a whole salad or potato dish on the table in no time.

VertisacTM and Carry FreshTM bag

The popular VertisacTM and Carry FreshTM bags with finger grips combine carrying convenience, strength and an attractive product presentation. Onions, potatoes and citrus fruits packaged in this stand up net-film packaging with gusset and finger grips are easy to take along. The film band on the front and back provides ample room for detailed product information and brand-specific expressions. The VertisacTM is a pre-sealed net-film combination that is perfect for long, identical product runs. In the case of the Carry FreshTM bag, the film is fixed to the net from one or two separate rolls; an ideal solution when you have to switch quickly between shorter product batches and multiple clients daily.



User friendly

The more user-friendly the machine, the smoother the production. However large the choice of specific configurations and installations is, the packaging lines of JASA Packaging Systems stay just as easy to operate. Production programs and machine performance are accessible with modern touch screen machine displays. Operators can install, save and continually select programs themselves. A single press of the start/stop button starts up production. The intuitive display specifies the cause of possible problems and provides clear instructions on how to solve these. This way unforeseen production stops are restricted to a minimum. Thermo transfer printers, label applicators, weighing and dosing systems and other infeed and outfeed equipment can cleverly be integrated. A wholly synchronized packaging line is operated from a single display, so that it is practically impossible to make mistakes. This central control is both less stressful and time saving for employees.

Clean and safe

The packaging solutions from JASA Packaging Systems guarantee you years of constant production. The

stainless steel and plastic contact surfaces can be cleaned with water. All the machines comply with CE standards and satisfy the strict hygiene requirements demanded of the food processing industry. Seal systems are safely behind entrance doors. When open, the service technician has ample access to the heat seal system, which only has a few wearing parts. The machine stops automatically in the case of an outage, wire breakage, or if the seal system does not heat up or the sealing bars do not close. This guarantees the production safety and long life of the machine.

Compact and efficient

At JASA, we know that square meters are valuable for the fruit and vegetables producer and packager. Our compact, user and maintenance-friendly packaging machines are able to produce any more complex type of packaging. JASA Packaging Systems has an efficient solution for every packaging requirement, aimed at an optimal yield per square meter.

Process optimisation

The JASA display, in combination with a Siemens operating system gives operators complete control over the packaging line, from the infeed to the outfeed conveyor. The equipment in the line that is connected to the network is operated from the central display on the JASA packaging machine. The settings are automatically adapted for the selection of up to 100 preset production programs. Future developments include, among other things, the registration of the progress of the batch being processed, the cause and duration of production stops and the realised production time and speed. It is also possible to log on to this machine-to-machine communication system remotely, so an analysis of its effectiveness can be carried out anywhere, any time.

Clear machine selection program

The JASA product range and modular options are digitised in the JASA product configurator. This is a handy software tool for the step by step selection of machines and options, based on the packaging requirements. The function of each option is clearly explained to enable you to assess its added value. After all, a packaging line is an investment for the future. For this reason, our

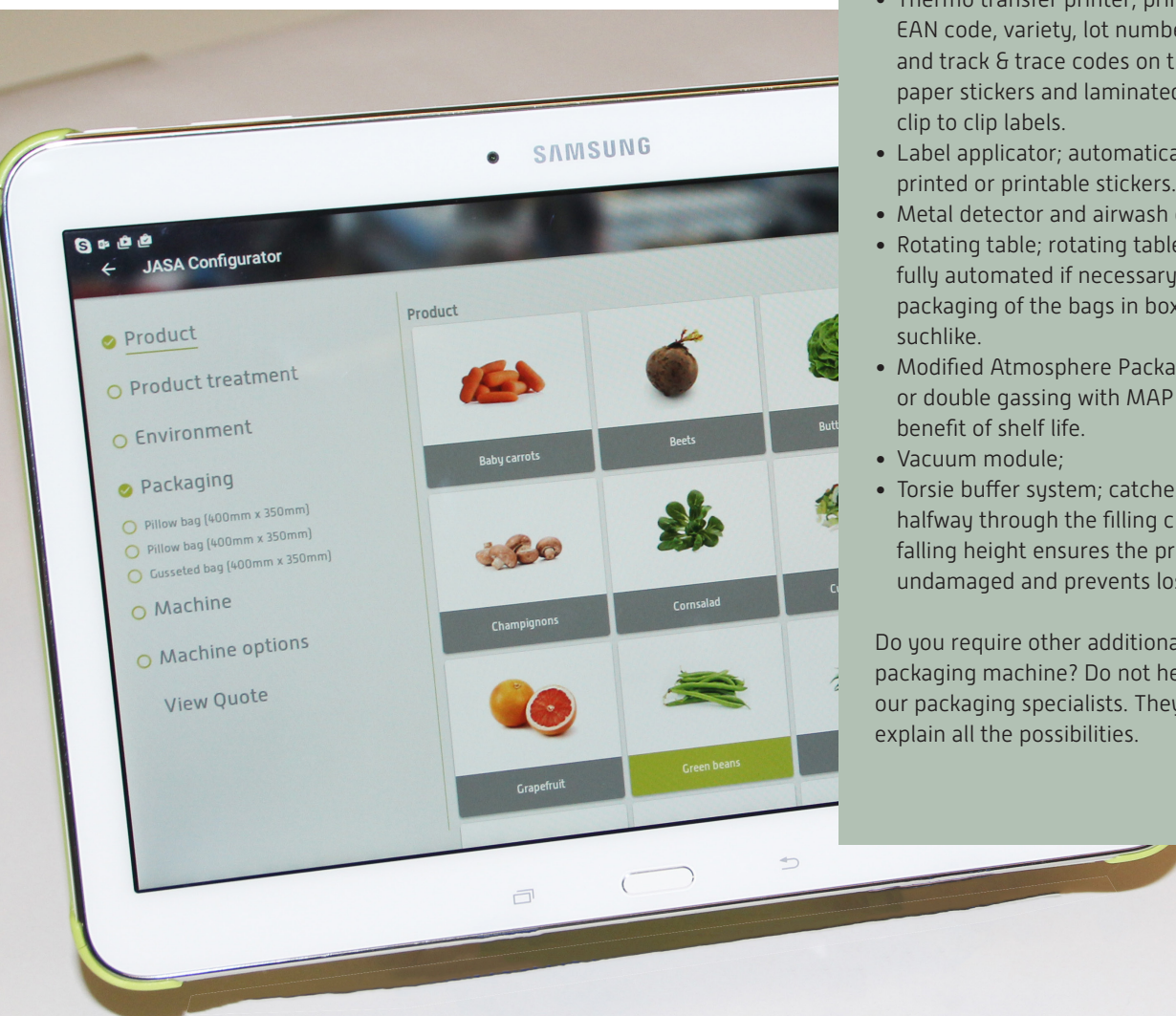
own specialists and authorised distributors start each trajectory with a thorough needs assessment. What products do you wish to package and under which conditions will the packaging process take place? What types of packaging and what sizes are needed, what type of film or netting materials and what is the desired output rate? On the basis of this essential information, we advise you free of obligation as to which machine configuration is the best solution in your situation. We specify the costs of modular additions for extra functions required, such as automatic labelling, printing, gassing and vacuum packaging. This quickly gives you a complete picture of the possibilities, adapted to suit your packaging needs and available budget.

Optional advanced functionalities

JASA can provide your packaging line with many modular accessories for various advanced functionalities, depending on your requirements. We have listed the most popular options for you:

- Thermo transfer printer; print the use-by date, EAN code, variety, lot number, origin of product and track & trace codes on the packaging, paper stickers and laminated wine glass and clip to clip labels.
- Label applicator; automatically applies pre-printed or printable stickers.
- Metal detector and airwash cabinet;
- Rotating table; rotating table at outflow, fully automated if necessary, for the further packaging of the bags in boxes, crates, and suchlike.
- Modified Atmosphere Packaging (MAP); single or double gassing with MAP modules for the benefit of shelf life.
- Vacuum module;
- Torsie buffer system; catches fragile products halfway through the filling chute. The reduced falling height ensures the products remain undamaged and prevents loss.

Do you require other additional functions for your packaging machine? Do not hesitate to contact our packaging specialists. They would be happy to explain all the possibilities.



Want to learn more about how we can efficiently organise and optimise your packaging process with our innovative packaging solutions? Please feel free to contact the specialists in our Dutch sales organisation or one of our authorised distributors.

JASA: partner in packaging solutions

JASA Packaging Systems stands for innovation, quality and flexibility in packaging solutions tailored to your situation. We specialise in developing and manufacturing vertical packaging machines, weighing machines and sleeveers, optical sorters, clippers and case packers that conform to CE and food safety standards. For more than thirty years, producers and packagers of potatoes,

vegetables and fruit around the globe trust our expertise. Whether it is developing a complete solution or the installation and maintenance of just a single JASA packaging machine, weighing machine or sleeve- you can count on JASA, 24 hours a day, seven days a week.