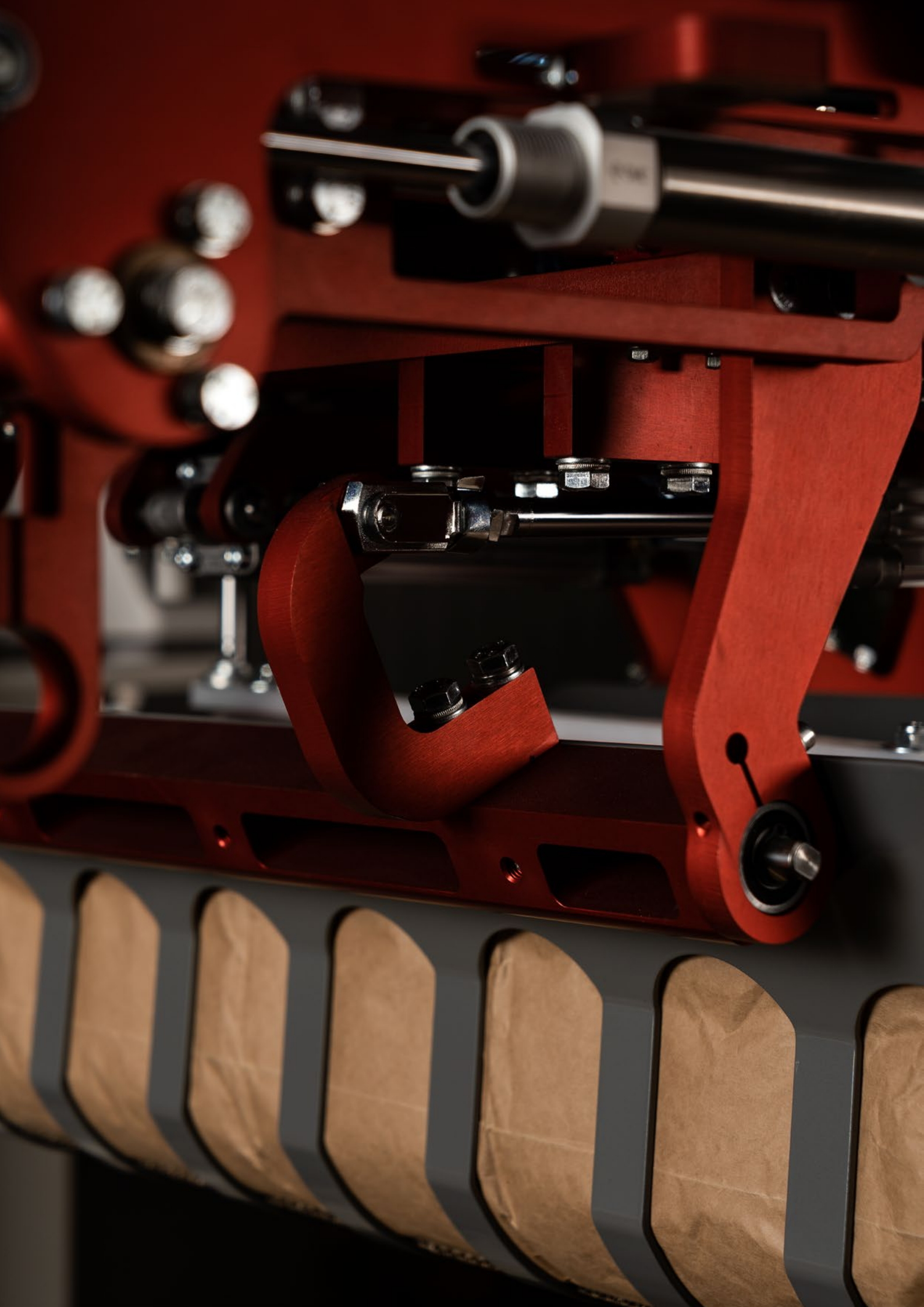


**World-class
innovative
packaging
technology.**





Flexible solutions for efficient bag handling.

We are the masters of the art of filling and handling bags, assisting companies around the world with this key production moment and helping them increase efficiency and reliability as an investment in progress.

We know that every production line is unique and that we need to be attentive. For this reason, our systems consist of a range of modules that, when uniquely combined, help our customers attain the optimal filling and sealing of bags.

With our solutions you obtain:

- Cutting edge technology and flexible modules
- Tested and proven standard solutions, adapted to specific requirements.
- Design that makes hygienic handling and cleaning easier
- Dust-free solutions
- Just in time - smooth readjustment between different batchers/bag dimensions.
- Increased production line efficiency





- **Levitating technology** – Hanging bag transport for high reliability
- The right modules and accessories based on each customer's requirements
- **Easy Clean** – Good hygiene for all industries
- **Plug & Play** – We build, test run and fine-tune the machine in our test hall

Fully automatic bag filling for the pharmaceutical industry, and all others.

Autopac Easy Clean is a fully automated system for filling and handling bags and materials, where each unit can be adapted to the customer's requirements thanks to selectable modules and functions.

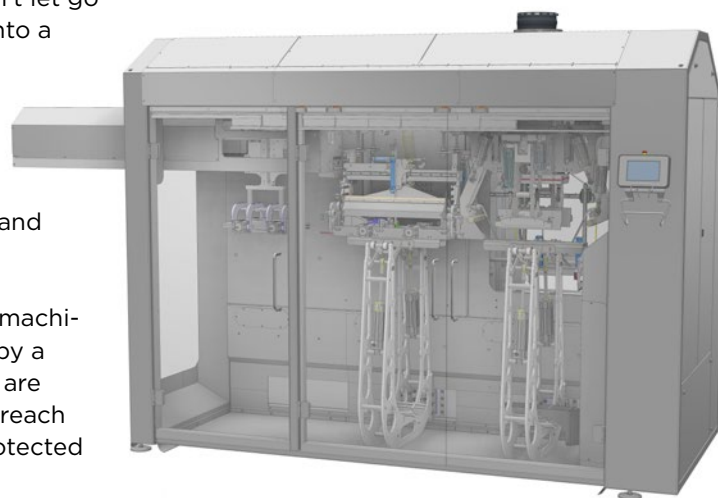
Using **"levitating technology"**, the bags are transported while hanging. This reduces the risk of any trouble in the machinery as well as contamination on the bottom of the bag. It also contributes to a faster and smoother change between different bag lengths. We don't let go before the bag is sealed and loaded onto a pallet.

"Easy Clean" means that the machine does not have any surfaces or cavities that could collect dust and dirt. This makes the handling hygienic and the machine easy to clean.

Using **"Split design"**, we separate the machine components and the bag handling by a wall. From one side, bags and product are handled. From the other side, you can reach cylinders, wiring, and ball bearings, protected

from dust but easily accessible for servicing. A design that is highly appreciated by our customers.

"Plug & Play" means that we build, test run and fine tune every machine in our test hall. Delivery only takes place after a Factory Acceptance Test using the customer's own bags and materials. Our thoroughness saves both time and money and creates security, both for us and for the customer.



Scan the QR code to watch a film about Autopac.

TERE AS

"We chose Vebe for their high quality and the good hygiene"

When Estonia's leading producer of dairy products, Tere AS, wanted to modernise its sack handling, the choice fell on Vebe.

"We chose Autopac EC. Vebe has long experience of packaging powders. Their machines are top class", Technology Manager, Peeter Lepp, says.

In Tere's production plant in Põlva, large quantities of milk powder are handled and there are strict requirements for good hygiene. For this reason, the fact that Autopac EC has separate areas for bag handling and machine components weighed heavily.

"Handling powder always produces a certain amount of dust. With the Autopac EC, this is minimised to a restricted area," Peeter Lepp says, who also appreciates the smart functions such as venting and nitrogen addition while sealing the bag, which gives the products an extended longevity.



CUSTOMER CASE

Increase your profitability with the most efficient pallet loader on the market.

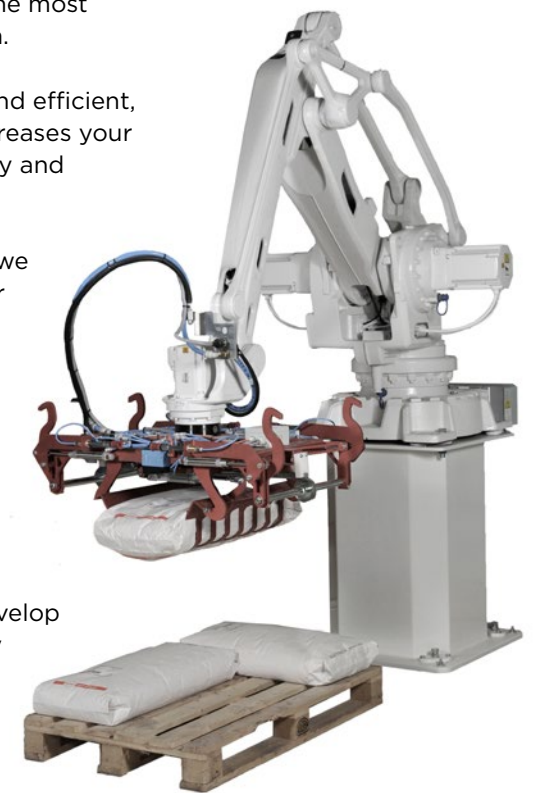
Once the bag is full, it has to be palletized. At Vebe, this is a step that we have been involved with and have refined for more than a 30 years. So, it is perhaps no wonder that we have the most efficient commercially available pallet handling system.

With an ABB robot, our pallet loader is both reliable and efficient, and minimises the risk of machine line stops and it increases your opportunities for profitability. We prioritise high quality and providing service that is available anywhere.

Thanks to many years of experience in pallet loading, we have developed the robot tool ourselves, based on our four-stage technology. A gentle mechanical kift grip. Side pressing of the bag, to make optimal use of the pallet dimensions. Top press for an even top. And finally, our soft release feature that places each bag on the pallet without disturbing the others around it.

Our tools are built low for working height and facilitate reduced energy consumption.

We are continuing to reduce manual moments and develop processes. This means that, today, you can have a fully robotized handling of pallet, bag and sheet.



Scan the QR code to watch a film about the palletizing robot from Vebe.

LYCKEBY CULINAR

"We are now able to produce more"

A few years ago, Lyckeby Culinar, which manufactures spice mixes for the food industry and consumers, was facing a major need to modernise its plant.

"It was lagging behind. We needed to develop the production and create a new layout for dosing, bag filling and pallet loading. Our attention was drawn to a fully automatic bag filling system from Vebe. "It appeared to be suitable for our needs," Project Engineer, Emiel Eggenkamp, says.

No sooner said than done. The result was two Autopac machines from Vebe and, in addition, two fully automatic pallet loaders.

"The increase in efficiency we achieved was really welcome. We had increased our sales and needed to achieve a higher production rate. After a few more years, we bought a third and a fourth automatic bag filler, Autopac EC. We are pleased that we manage the production in the way we do today, and sales are continuing to increase. Thanks to the investment, Lyckeby has been spa-

red from much of its manual handling. Today, the company is producing far more than it did before but with the same workforce.

"Vebe has matched our needs well. They have tested our units in the test hall before delivery. The installation was managed by our own mechanics but, when it was time for start-up, Vebe was on site and quickly set it off in a good way."

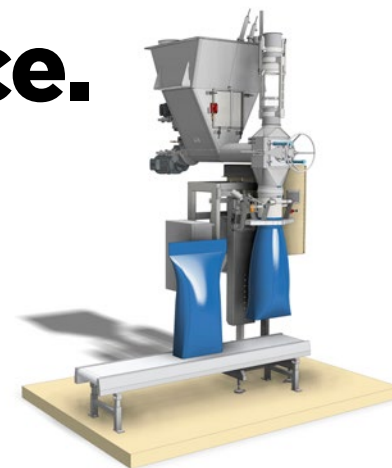


CUSTOMER CASE

Semi-automatic with freedom of choice.

For small series and small-scale or expanding production, we have developed a series of semi-automatic bag filling machines, which are easy to clean and service.

The Manpac and Skrupvac bag fillers. The Autoseal sealer and the Servus bag placer are machines that, combined as you want, provide semi-automatic systems for the majority of materials that are filled into bags.



CARLFORS BRUK

Bags replace barrels and saves money

Fine-grained aluminium powder for lightweight concrete and metallic paints. This is one of the products manufactured by Carlsfors Bruk. In recent years, the company has increased its volumes and improved its efficiency. Today, aluminium materials are delivered to customers worldwide.

To modernise its packaging and delivery flow, the company turned to Vebe Teknik. Heavy metal drums were replaced by plastic bags. The handling became more cost-effective.

"We had never packed in bags before and we had some concerns, but Vebe took the challenge seriously and everything has worked well. Today, our customers receive more material for the same price, and our ambition is to increase the volumes packed in bags," Fredrik Målberg, a satisfied

Factory Manager, says.

Today, Carlsfors Bruk has two combined Manpac bag fillers and one Autoseal, which evacuates the air and seals the bags. Two product groups are packed during each shift, and the packaging line is managed by one or two operators.



CUSTOMER
CASE



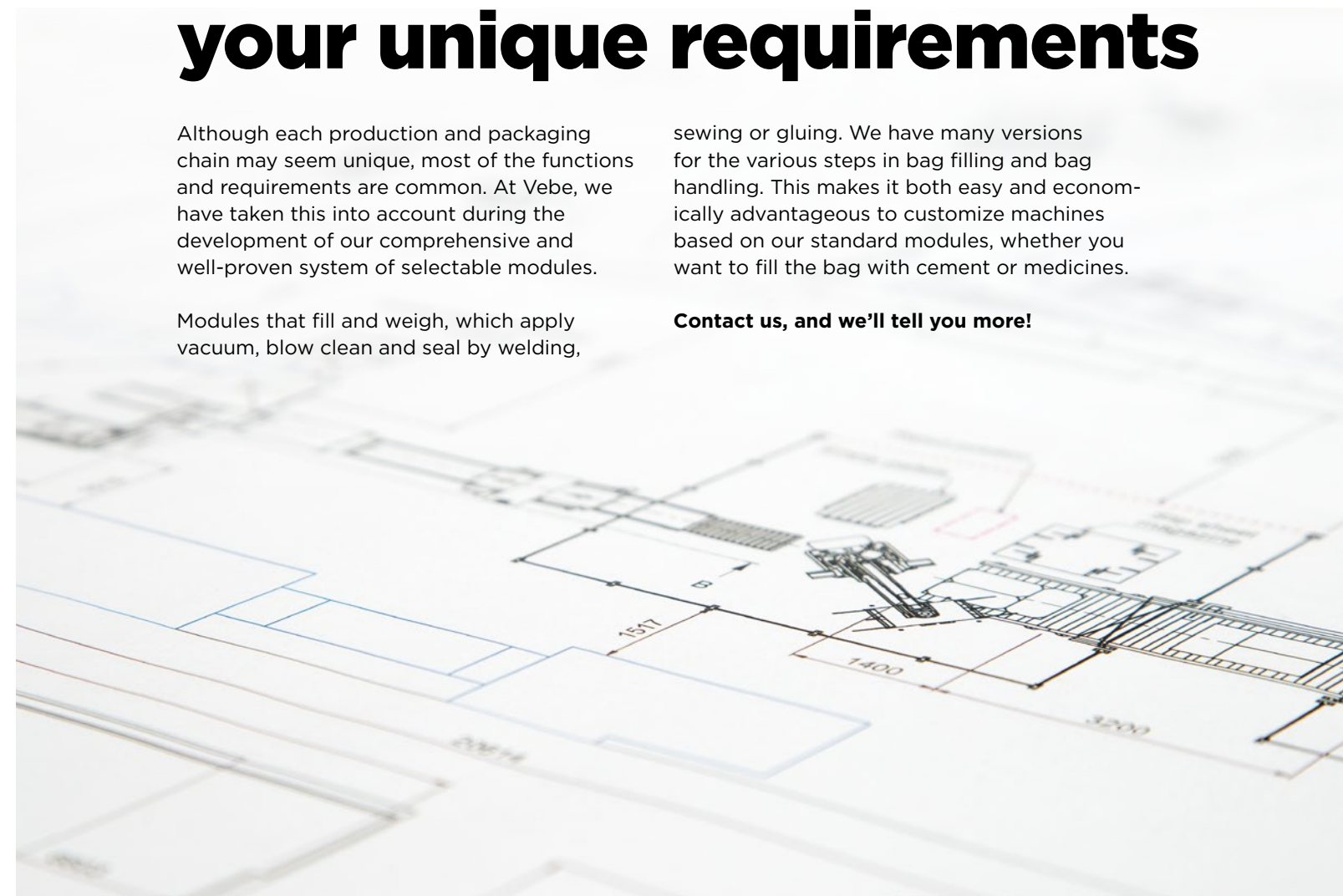
Our modules meet your unique requirements

Although each production and packaging chain may seem unique, most of the functions and requirements are common. At Vebe, we have taken this into account during the development of our comprehensive and well-proven system of selectable modules.

Modules that fill and weigh, which apply vacuum, blow clean and seal by welding,

sewing or gluing. We have many versions for the various steps in bag filling and bag handling. This makes it both easy and economically advantageous to customize machines based on our standard modules, whether you want to fill the bag with cement or medicines.

Contact us, and we'll tell you more!





You are in safe hands – if anything happens.

We work closely with our customers. This is true both when we build and adapt machines, when we test run, install, deliver as well as when we are on site to start up new machine lines and train the customer's own operators and maintenance technicians.

Our skilled employees, those who build and install a specific machine, also become the customer's personal service contact. Obviously, this provides great security.

As one of Vebe's customers, you always have access to our remote support where we connect up to your machine's control system and troubleshoot remotely. You never need to feel alone. Our service technicians are as keen as you to quickly and smoothly remedy any stops, obtain the right spare parts and to keep your facility upgraded and in excellent condition.

"We continue to lead development"

Since the start in 1921, we have developed ideas and designs at Vebe for powder and granulate handling, bag filling and pallet loading. The elderly have taught the young. Knowledge and understanding have been inherited, but also the attentiveness to the needs of new times.

Over the years, we have come to be recognised not only for our expertise in bag filling but also for our hygienic solutions. Which is appealing to a wide range of industries in everything from cement and granulates to food and pharmaceuticals.

Strong engineering know-how, extensive product development and high-quality manufacturing put us at the forefront. For this reason, we have also supplied plant and equipment to market-leading process industries in many sectors worldwide.

We're not resting on our laurels. We want to keep moving forward. With determination, with deeper understanding and by thorough follow-up of delivered machine lines. This makes us one of the world's leading actors for bag filling systems.



Scan the QR code to watch a film about Vebe.



**We help you increase your profitability.
Contact us, and we'll tell you more!**



vebe.se