

Our customers in focus: Henkel



Henkel's hot melt adhesive factory in Norrköping packages large quantities of glue pellets. Using Vebe's custom-made palletizing robot with two tools enables the staff to switch rapidly between handling bags and boxes.

Henkel settled on a high precision robot solution from Vebe Teknik

Henkel in Norrköping handles large quantities of glue. To meet increased requirements for flexibility and precision, they asked Vebe to custom build a robot loader with double lifting tools.

Henkel is a massive group which distributes a large range of products to consumers and companies all around the world. Among other items, Henkel's hot melt adhesive factory in Norrköping produces centimetre-large pellets of hot melt adhesive which are packaged and sold onward to industry in both Europe and Russia.

In 2013 Henkel contacted Vebe Teknik with an enquiry about a new palletizing machine.

"We had already good experiences of Vebe Teknik and searched for a new robot that could place both bags and boxes on EU-pallets with a high level of precision," says Tommy Persson, project coordinator at Henkel adhesive factory in Norrköping.

Robot with two tools

The solution was a custom built ABB-robot with twin lifting functions. One fork tool moves boxes. The other is a specially designed tool which Vebe produced to handle full 20 kilo bags of pellets with high accuracy.

"We had previously problems with our bags and boxes ending up at an angle on the pallets before being transferred to lorries. We therefore

placed higher requirements on precision", Tommy Persson says.

Vebe's palletizing robot has now been in operation in Norrköping since 2013, and Tommy says that they are very pleased with the results – so pleased that in 2015 Henkel purchased another robot solution from Vebe.

"Our previous robot was old and worn out, with a great deal of downtime as a result. We have now completely resolved this problem. We solved the problems with the handling of bags and boxes since we introduced Vebe's robot solutions. Both the machines meet our requirements for precision and speed by a good margin," Tommy Persson says.

Changeover between the different lifting tools is fast, which means that it is simple for the operators to reset the palletizing process from bag to box. An additional bonus is a monitoring function which keeps track of the height of bags and boxes on the pallets. It means that damage to tools or materials during handling can be avoided.

PS. Turn page to read more about Vebe's initiatives in relation to palletizing robot machinery. ■

Don't miss Vebe at Empack 2017

Empack is held at Kista Convention Centre in Stockholm on 4 – 5 October. 200 exhibitors from over 20 countries will be displaying the latest packaging technology. Vebe Teknik will be on site with a team to display its latest innovations and meet new and old customers.

This is the fourth time that Vebe Teknik is participating in the Empack trade fair in Kista, Stockholm, and as previously we will be highlighting interesting innovations.

"The trade fair is a perfect opportunity for us to meet old and new customers. We will be offering refreshments and talking about our latest innovations", reports Mats Lindgren, sales manager at Vebe Teknik.

Don't miss the opportunity to talk to the sales team and other staff at Vebe's stand D:19 on 4 and 5 October. ■

4 – 5
October



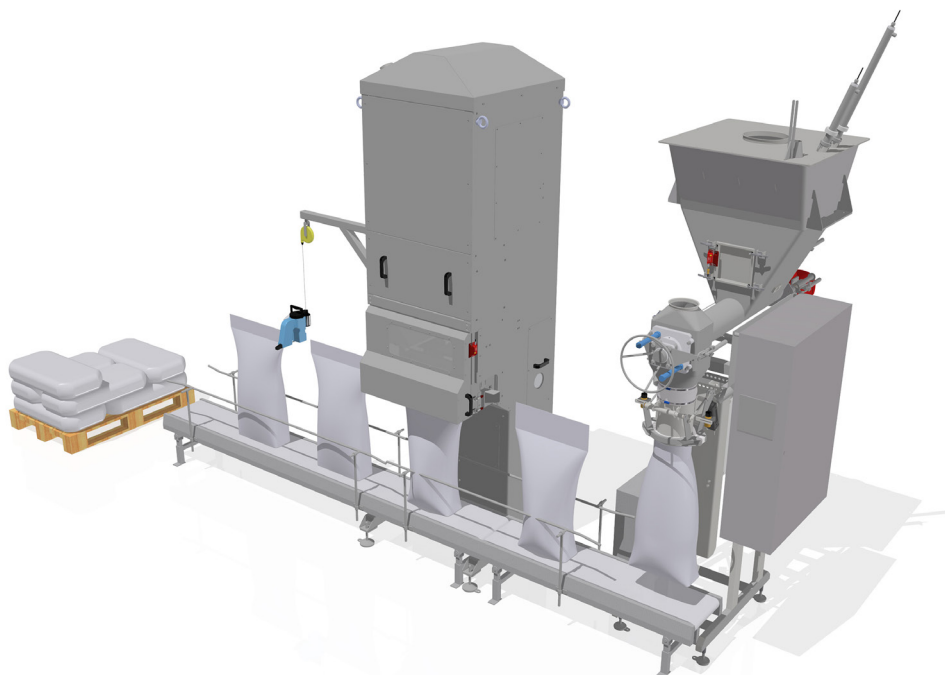
Mats Lindgren,
Sales Manager at
Vebe Teknik AB.

Free admission to Empack

Enter code 3010 on Empacks website to obtain your own free admission to the trade fair in October.

LinkedIn

Vebe Teknik is now part of LinkedIn, the world's largest business network. Follow us for press releases and news about our technical innovations.



Autoseal seals bags entirely in plastic as well as plastic bags with outer packaging of paper, where the machine welds through the paper

AUTOSEAL

Semi-automatic solution for perfect seals

Vebe's new sealing unit Autoseal performs both air evacuation and blow cleaning before welding. Autoseal functions excellently together with semi-automatic bag fillers such as Manpac.

Vebe Teknik has been able to offer its customers bag fillers with air evacuation from bags and blow cleaning before welding for many years.

However, customers which need semi-automatic lines have not had any clear alternatives until now.

"We have observed that there has been a gap in the market. We have therefore decided to put together the units for air evacuation and blow cleaning in a single new unit that we are

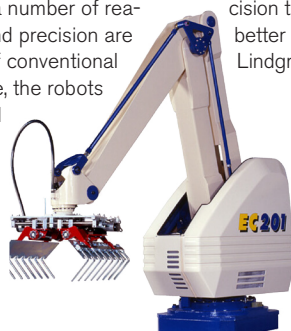
calling Autoseal," says Vebe Teknik's CEO Stefan Andersson.

Autoseal can seal bags entirely in plastic as well as plastic bags with outer packaging of paper, where the machine welds through the paper. Autoseal can beneficially be used in combination with Vebe's Manpac semi-automatic bag filler. It is then simple for a single operator to run the entire line.

"A bag weld with blow cleaning guarantees a one hundred per cent seal every time, as dust particles are blown away before the bag is sealed, and a semi-automatic sealer where the air can be removed and the oxygen replaced with, for example, nitrogen increases the durability of the product," Stefan Andersson continues. ■

Major benefits with robot palletizing

Since the early 2000s, Vebe Teknik has moved to exclusively offering robots as pallet loaders in its bag filler lines. There are a number of reasons. The robots' reliability and precision are completely superior to that of conventional platform loaders. Furthermore, the robots are flexible in their layout and can be easily modified to change their bag pattern.



Fuji Robotics' pallet loaders have been part of Vebe Teknik's range for the last year.

"Conventional pallet loaders are bulky, hard to reprogramme and require a lot of service. The precision that our robot tools deliver results in much better placement on the pallets," says Mats Lindgren, sales manager at Vebe Teknik. ■

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Vebe sets course for Cologne in 2018.

Vebe Teknik at Anuga Food in Cologne

Next year Vebe is participating in the German food fair, Anuga Food Tec in Cologne.

"It is exciting for us to be involved in a purely food-based trade fair for the first time. This can open up a new and even larger market for us," says Mats Lindgren, sales manager at Vebe Teknik AB.

Anuga Food Tec is held in Cologne 20 – 23 March 2018. ■

