

# CASE FLEXIBLE ROBOT SOLUTION FOR DANISH AGRO



There is a growing interest in Fisker Skanderborg's packaging lines with an integrated, flexible robot solution. This includes agribusiness Danish Agro, for whom Fisker has delivered a full packaging line for wood pellets.

The agribusiness Danish Agro is owned by 12,000 farmers and employs a staff of roughly 4,000. The group is concerned primarily with the sale of feedstuff mixes, ingredients and vitamin mixes, fertilisers, crop protection, seed, machinery and energy, as well as the purchase of crops from farmers.

## Flexible packaging line for wood pellets

As part of the group's product range, it sells high-quality wood pellets with high heat value. The pellets are supplied loose, in big bags or in small sacks. A single sack contains 25 kg, and 26 sacks fit on one pallet.

In collaboration with the engineering company Svo Tec, Fisker has supplied and installed a full packaging line for the packaging of wood pellets. The packaging line has a capacity of around 500 sacks per hour. It has multiple feeding lines, and can therefore be used for a variety of different products. The line also has an integrated print solution for printing onto the sacks.

## Fisker's Robot Palletizer

A Fisker Robot Palletizer has also been worked into the solution for Danish Agro, which increases productivity considerably. Over the years, Fisker has delivered more than 50 wood pellet packaging systems. This has provided solid experience of the entire logistics flow in connection with the handling of the pellets, and forms the basis for Fisker's ability today to offer a solution that simply and effectively wraps whole pallets of wood pellets in plastic for on-wards transportation.

## Running-in well under way

The running-in of the new system is now well under way at Danish Agro. "Naturally, it takes some time to run in the new unit.

Working with robots is also new to us, and we must optimise it all," says operator Frank Christoffersen from Danish Agro. "When we have a question or the need for actual guidance in terms of using the unit, we contact Fisker directly, and they are quick to advise us over the telephone."

## Increased interest in robot solutions

"In general, we are seeing an increasing interest in robot solutions," says Sales Director Peter M. Henningsen from Fisker. "We import the NACHI robots from Japan ourselves and then tailor the robot solution to the customer's specific needs. Just recently, we have introduced new software for the robots (FlexGui), which has been developed by the Norwegian automation company PPM in collaboration with Fisker and NACHI. The new software simplifies the construction of the correct interface for working with the robot, also for inexperienced users. So all in all, our integrated robot solutions fully meet our customers' demand for higher productivity."