

## About Applications and Customers

### A Box Every Second

## WE STACK PERFECT CLEANLINESS



**Detergents from Henkel have been a synonym for perfect cleanliness for decades.** To meet demands even better the plant in Vienna has decided to get the processing section after the filling station automatized with our technology. The demands were high: filled and sealed boxes from four production lines are to be transported automatically to the palletizing station, loaded onto pallets there, wrapped and sent off as display pallets to delivery. Actually not a big challenge, but. . . Production and processing are situated in two different halls. We had to bridge this distance. The transport stretch is hung from the ceiling so as not to interfere with the rest. Luckily we have Freiberg's bag of tricks which includes their vertical lift that can transport up and down dependably over 4 levels. Two PA8s do the palletizing – super models with highest performance levels - and the loaded pallets are then transported to a central stretch wrapper.

From there the pallets just need to be brought to dispatch and 1000 boxes of detergent are once again on their way to conscientious housewives everywhere.

**If it wasn't for the high speed this would almost be standard procedure for us.** The complexity is in the details. Different products coming from four (later six) production lines are to be palletized – but of course only one sort per pallet. We solved the problem with an intelligent infeed where about up to 250 boxes of a specific sort can wait until it's their turn. Once a buffer for a pallet is full all the boxes, one after another, are fed to the two PA8s which arrange them into layers and stack them onto pallets. A last speciality for the unit is PalletMaker – a program we developed with which the design, saving and calling up of pallet configurations via the Touch Screen on the operator panel is possible without previous programming expertise. In this way flexibility is added to speed in case a package gets changed. We will be starting with the installation in March and by the middle of the year at the latest the plant in Vienna will have the most modern high performance technology for box processing. Nobody will have to wait for cleanliness from Henkel now.



## It Came From the Sky



## Pallet Dispenser for the Deutsche Solar AG gets »flown in«

**Regenerative energy is booming and the Deutsche Solar AG in Freiberg,** one of the largest European manufacturers of silicon wafers, had to increase their capacity to be able to meet demands. This included getting the plant automatized. Our plant in Freiberg – as good neighbours – did their part to help. A pallet dispenser was required and we have them off the shelf. The trick was the delivery: the dispenser was planned for use on the 4th floor and did not fit into the elevator. A huge crane solved the problem and the pallet dispenser "floated down" into position.