

Applications and Customers

Plug in and run

COMPLETE ROBOT CELLS FOR SCA

SCA is a worldwide tissue manufacture leader. Their portfolio includes bathroom tissue, handkerchiefs, household towels and "away from home". SCA has now ordered a number of robots and the corresponding transport technology for palletizing finished products from us. Robots and palletizers are our standard products for automation. The new thing at SCA is that we will be using our new "plug and play" robot cells for the first time. Each robot

is completely pre-built in our house for its task and transported to the usage site as a finished cell. Once it arrives there the only thing that remains to be done is to plug it in and it begins to work. It is just the transport technology that needs to be set up on site as well as the connection of the robot controls. With this new concept we can drastically shorten assembly times and minimize the required production down-time.



FROM SINGLE ITEM TO SERIES PRODUCTION

NEW PORTAL ROBOT PALLETIZER WITH LONGER REACH

Robot and layer palletizers have their individual application strengths. Layer palletizers are unbeatable when it comes to throughput. Robots are great on flexibility, but short on reach. We've now designed a portal robot palletizer which has a long reach. The first robot is one made to specifications with which a variety of products from five production lines can be stacked on five different pallets. Due to the low throughput single robots are not profitable. Our portal robot palletizer is about 10 meters wide, but could be much wider and supply numerous pallets. Boxes from an accumulation lane are fed to the robot which places them on the designated pallets. The additional requirement here is our tracking system. Each box on the transport path must be clearly identifiable. With this development we have created our own production group.



A new one again?

SCA Mannheim gets PA10

In the last edition of our Info we presented our high performance palletizer PA9. The PA10 we are talking about here is not a new model – not even we are that fast. The PA10 is a combination of a PA8 with a robot and the corresponding components – for the highest throughput with flexible input. This finally answers the question: Palletizer or robot? We offer both depending on the required task and for the highest demands we combine the technologies. We're not the only ones who grow with their tasks. Our units adapt as well.



It depends on the size:

Fleece Rolls at Freudenberg

Bathroom tissue, household towels and handkerchiefs belong to our easiest transport tasks. We don't shy away from pallets loaded with cement bags either. Freudenberg has provided us with the opportunity to set a transport record: the fleece rolls that need to be transported are up to 2.5 m wide and have a diameter of up to 1.2 m. The transport stretch is 75 m long. We meet and grow with every challenge our transport technology has to face. The unit is to be started up in work week 31. So where's the problem?