

Projektinformation

Robot Lines

Order picking palletising of plastic totes



Re-usable
plastic container

**Overview of the
palletising area**

The Boots company in Britain is a leading player in the growing wellbeing market sector and offers here alongside the classical pharmacy products a large palette of services.

The picture illustrates the gallery portal robot system consisting of 2 FP 100 Omega robots which operate over the extent of the complete gantry area. The robots palletise order-picked incoming re-usable totes onto shop pallets, with a capacity of in total 1600 containers per hour. The containers are then taken in a multiple grip in two's or three's and placed in one of eight pallets in receiving positions according to the required layer pattern. In addition to handling the totes, the same robot heads transport the empty pallets as needed.

The scope of delivery included the portal robots and the palletiser conveyor system.

The system, integrated by Knapp Logistics, was installed in June 2002.