

Produktgruppe:

05.02.01 Komplettlösungen für die Logistik

The world's first (de-)palletising cell Layer Master

The material flow procedures in modern commissioning and distribution centres, and at the interfaces between production and distribution, are characterised primarily by the process steps of depalletising, sorting and palletising of complete layers of products. In the automation of such procedures, a major challenge is that, in many cases, many different products, containers and packages have to be handled. FPT Robotik GmbH & Co. has now succeeded in developing a modular (de-)palletising cell. This system, which is based on a universal and flexible vacuum gripping system from J. Schmalz GmbH, either an industrial or a portal robot and a carefully matched material-flow periphery, is capable of depalletising and palletising layers of identical products (up to 300 kg per layer) from a very large product range quickly (up to 300 layers per hour), without damage and with excellent process reliability. It is suitable for use with standard or special pallets of varying sizes.