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Ideas create solutions

▶ Picking Solution
Magic Cube

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► PICKING SOLUTION
MAGIC CUBE

Intelligent order picking with maximum security: the two-time innovation-award winning Magic Cube fulfils major requirements of digitalization and the Industry 4.0. It optimizes production, storage and assembly workflows.

Whether you would like to compile shopping carts with diverse products in small batches ready for shipping or pick multi-variant products of a production order for further processing; the Magic Cube completes all steps of the workflow from the first scan up to storing and retrieving items with gapless track and trace.

Thanks to the unique Backpack-Picking Technology, a container is carried along and filled during the picking process. Hence, picking intervals get shorter and mis-picks are prevented. The data-driven, self-developed software of the system and fully auto-mated procedures make incorrect assemblies virtually impossible. Automated processes allow for the selective enclosure of documents such as delivery or assembly notes, invoices, promotion flyers, war-ranty booklets, etc. The Magic Cube's advantages are obvious: optimized picking times, maximum efficiency and 100% security with continuous quality control.

These qualities make the Magic Cube the perfect automation solution for various applications in markets like pharmaceutics, cosmetics, automotive, aeronautics, electronics, mail order business or in e-commerce environments. Further fields of application occur whenever individualized high-quality products or lifestyle products with high security demands need to be processed. This also includes precious metals, gems, and similar high value items.

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- • Automatic documentation and stocktaking
- • Modular Design
- • Database system; SQL-Server
- • Chaotic or pre-defined storage of producs
- • Selective, data-driven document enclosure station

- • Gapless track and trace for maximum security
- • 100% Input control
- • Minimizing picking distances and picking times
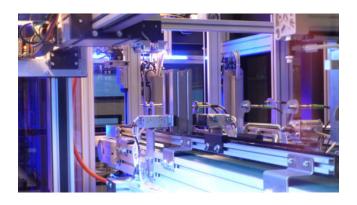- • Sorting, grouping and individual assembly of shopping carts and production orders

- • Can be run as real or virutal inline system
- • 24/7 Industrial Design
- • Interface to ERP system for stock-management
- • Picking of products with various shapes without manual modification; incl. non-standardized shapes