**Advice tool for easy process automation**

 **Does your company meet the requirements for using Karakuri/LCA?**

**Karakuri is a Japanese term associated with lean production and refers to automation systems based solely on mechanical principles. On its** [**new landing page**](https://welcome.item24.de/karakuri-low-cost-automation)**, item explains the concept of Karakuri/LCA and sets out its benefits using practical examples. Companies can complete an interactive questionnaire to determine whether they have everything needed for low-cost automation (LCA) and how they can best implement intelligent automation.**

Originating in Japan between the 17th and 19th centuries, Karakuri/LCA is a simple principle for automating processes based purely on gravity and muscle power. First used in traditional Japanese mechanised tea-serving dolls, the idea is now applied in manufacturing automation, for example to make small load carriers (SLCs) move along roller conveyors as if by magic.

**Comprehensive advice on Karakuri**

Karakuri/LCA can be harnessed to achieve intelligent solutions for material supply and picking. Components and system parts that are already close to hand and the creativity of staff can be leveraged to achieve this goal. The result is efficiency in assembly, machining and intralogistics, all at significantly lower costs compared with conventional approaches to automating manufacturing processes. However, to be able to successfully implement Karakuri solutions, companies must first fulfil a number of requirements. The new item landing page offers comprehensive assistance, including an interactive questionnaire and a wealth of information on the subject of Karakuri/LCA and lean production. The site takes an in-depth look at the topic and offers professional support for project implementation. Bespoke advice can therefore be provided based on concrete information thereby ensuring intralogistics processes can be effectively simplified and designed for optimum results.

Find out more at <https://welcome.item24.de/karakuri-low-cost-automation>

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**Caption 1:** Karakuri/LCA can be harnessed to achieve intelligent solutions for material supply and picking. The new landing page from item provides a range of information on the subject and interactive support.

**About item**

item Industrietechnik GmbH is the pioneer in building kit systems for industrial applications and a partner of the manufacturing industry across the entire globe. Today, the item product portfolio comprises more than 4,000 high-quality components designed for use in machine bases, work benches, automation solutions and lean production applications. The company has received a string of awards for products with ground-breaking industrial design and end-to-end ergonomics.

item is spearheading digital engineering by driving forward the digitalisation of processes with software tools developed in-house. The item Academy offers training at various levels, with on-demand training and online courses available in multiple languages.

Headquartered in Solingen, Germany, item has subsidiaries in various countries. Some 900 employees worldwide harness their know-how and passion to develop innovative solutions and services. Twelve sites make sure the company is always close to customers in Germany, with a global logistics chain ensuring swift delivery times for all components.

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