**Presseinformation**

**Juni 2024**

**New gripper fort the Jumbo: flexible, robust, sustainable**

Vacuum tube lifters are indispensable tools when it comes to ergonomic handling. However, the lifting aids can only develop their full potential with the right gripper. With the PSSG suction cups for sacks, Schmalz has developed a solution that grips powerfully and impresses with its long service life.

The Jumbo vacuum tube lifter ensures that companies can handle heavy loads ergonomically. Whether wood and glass panels, cardboard boxes, metal components or bags - a wide variety of goods can be moved quickly and effortlessly. Schmalz has optimized the new PSSG suction cups for sacks for mounting on the Jumbo especially for handling sacks. The PSSG reliably grips coated and uncoated bags made of paper, plastics or textile layers with different filling levels. It is also suitable for raw rubber bales and shrink-wrapped packages.

Schmalz has come up with something special for the sealing of the new gripper: The innovative sealing element made of FDA-compliant silicone or wear-resistant NBR (acrylonitrile butadiene rubber) is extremely robust and lasts a long time. Compared to conventional foam rubber seals, the service life is extended. As a result, companies benefit from long maintenance intervals and stable processes. They also do not have to worry about contamination from crumbling foam.

**Quick changes, sustainable use**

The new sealing is also impressive in terms of sustainability: Schmalz dispenses with adhesives and relies on a screwable metal insert for the connection. This allows employees to change the sealing lip in just a few minutes. In addition, all materials can be disposed of separately at the end of their useful life.

#### The new suction cups for sacks grip the JumboFlex, JumboErgo and JumboSprint. Thanks to three different sizes and the two different sealing materials, the gripper adapts perfectly to a wide range of applications. Its glass fiber reinforced plastic housing is very light and a filter fleece protects the system from contamination.

#### *(2,135 characters incl. spaces)*

**Service for the editorial team**

**Meta-Title:** New bag suction cup for use on the vacuum tube lifter Jumbo

**Meta-Description:** The innovative sealing lip of the new PSSG sack suction cup not only ensures a long service life, but also prevents contamination from sealing material in the process chain.

**Social Media:** The right grip - now even more efficient with the tube lifters in the Jumbo series from Schmalz. The new PSSG sack suction gripper enables skilled workers to move paper, plastic and fabric sacks with different filling levels ergonomically.

**Images:**

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|  |  | **Image 1:**  The PSSG suction cups for sacks on the JumboSprint ensure that the specialist can handle different bags effortlessly. |
|  |  | **Image 2:**  The innovative sealing element of the PSSG guarantees a long service life and prevents product contamination from sealing material. |

Images: J. Schmalz GmbH

**About the company**

Schmalz is one of the market leaders in vacuum automation and ergonomic handling systems. The internationally positioned company's products are used in logistics applications as well as in the automotive industry, the electronics sector and furniture production. The broad spectrum in the vacuum automation business field includes individual components such as suction pads or vacuum generators, complete gripping systems and clamping solutions for holding workpieces, for example on CNC machining centres. In the Handling division, Schmalz offers innovative handling solutions for industry and trade with vacuum lifters and crane systems. With the Energy Storage business area, the company is establishing a further mainstay in the field of stationary energy storage systems.

The combination of comprehensive advice, a strong focus on innovation and first-class quality ensures sustainable added value for customers. Intelligent solutions from Schmalz make production and logistics processes more flexible and efficient - and at the same time fit for advancing digitalisation.

Schmalz is represented in all major markets with its own locations and trading partners in around 70 countries. The family-owned company, headquartered in Glatten in the Black Forest, employs around 1,800 people at 31 locations worldwide.

#### Contact for Questions

J. Schmalz GmbH

Marketing Communication

Johannes-Schmalz-Str. 1

72293 Glatten, Germany

T: +49 7443 2403-506

[presse@schmalz.de](mailto:presse@schmalz.de)

[www.schmalz.com](http://www.schmalz.com/)

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