**Press Release**

**November 2023**

**SCPL multi-stage compact ejector: Flexible all-rounder**

Its high suction capacity and numerous equipment options make the SCPL multi-stage compact ejector from Schmalz universally applicable. It handles different workpieces with process reliability and can be expanded modularly if required.

Porous or suction-tight, large or small: the SCPL multi-stage compact ejector adapts flexibly to a wide range of process parameters. Thanks to its high suction capacity, it moves porous workpieces such as cardboard and packaging materials with ease. An optionally switchable air-saving control also allows it to handle suction-tight materials, such as glass or sheet metal, efficiently. Schmalz uses multi-stage nozzles to achieve efficient vacuum generation with low compressed air consumption. The result: SCPL impresses in processes with high volume flow requirements while simultaneously optimising energy consumption.

Another possible application is large vacuum systems with partial occupancy. Here, the compact ejectors compensate for leakage flows that occur when handling workpieces with different air permeability and keep the vacuum level constant. In combination with surface gripping systems and suction traverses, these all-rounders also evacuate large volumes in unison.

**Guard included**

Schmalz has integrated the valve technology and vacuum monitoring into the device - operators can therefore dispense with external solutions for controlling the vacuum system. The compact ejector can be controlled centrally via an integrated M12 connector - for quick and easy commissioning. The compact ejector is available either as the basic model SCPLb or in the monitored version SCPLc. The latter has an electrical connection for controlling the integrated valves and the vacuum switch as well as an LED display. All devices are designed in protection class IP54.

*(1,802 characters incl. spaces)*

**Service für die Redaktion**

**Meta-Title:** An all-rounder: SCPL multi-stage compact ejector from Schmalz

**Meta-Description:** The SCPL multi-stage compact ejector from Schmalz impresses with its powerful suction force and wide range of equipment options. Whether porous or suction-tight - SCPL handles different workpieces with ease.

**Social Media:** Kartonagen, Verpackungen, Bleche oder Glas – der Mehrstufen-Kompaktejektor SCPL von Schmalz besticht durch seine leistungsstarke Saugkraft und handhabt unterschiedliche Werkstücke kinderleicht.

**Image:**

|  |  |  |
| --- | --- | --- |
|  |  | **Image 1:**  Thanks to its high suction capacity, the SCPL multi-stage compact ejector effortlessly handles porous materials such as cardboard and packaging materials. |
|  |  |  |

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 the 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 30 locations worldwide.

#### Contact for Questions

J. Schmalz GmbH

Marketing Communications

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/)

**You can find more press releases on our website**

[**https://www.schmalz.com/en/career-company/latest/news/**](https://www.schmalz.com/en/career-company/latest/news/)

**Reprint free of charge - specimen copy requested**