**Press Release**

**SCTMi mini-compact terminal: A real lightweight**

Short cycle times, low space requirements, simple installation - the requirements for vacuum technology are clearly defined. The new SCTMi mini-compact terminals from Schmalz meet the needs of operators and also offer a high degree of flexibility.

Schmalz has made its compact terminals even smaller and lighter. Compared to its big brother, the new SCTMi model saves around a third of the weight and only requires about half the footprint - making it ideal for use directly on the gripper or on a moving axis. Short evacuation times and low energy consumption allow flexible use in different types of machines.

The compact terminals control up to 16 separate vacuum circuits, with unoccupied slots closed off by dummy plugs. This scalability gives users great flexibility as their requirements change, as they can change or add ejector discs in minutes. The electrical and pneumatic control connections are on one level and ensure simple and fast assembly as well as uncomplicated expansion. Thanks to the modular principle, terminals with up to 16 separate vacuum circuits are possible. This reduces the integration effort from 2 days to only 4 hours. In the event of service, the specialists can access the device with the Schmalz ControlRoom app via the integrated NFC functionality and receive a useful description of errors and measures.

At the heart of the units are ejector discs based on the SCPM compact ejectors, which are available with nozzle sizes from 0.3 to 1.2 millimetres and operate very efficiently. They are particularly suitable for highly dynamic pick-and-place applications with extremely short cycle times.

The SCTMi mini-compact terminals is available with IO-Link communication interface since 2023. Since the first half of 2024, the variants with Ethernet and as a valve variant for setting up different vacuum circuits with a central, external vacuum generation are also available for purchase.

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**Meta-Title:** Mini-compact terminals SCTMi from Schmalz are on their toes

**Meta-Description:** The new SCTMi mini-compact terminals from Schmalz impress with their short cycle times, low space requirements and simple installation. Due to their scalability, they can be adapted to different requirements.

**Social Media:** Fast, small, uncomplicated - with the new SCTMi mini-compact terminals, Schmalz shows how vacuum automation works today. Mounted directly on the gripper, they save time and energy.

**Images:**

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|  |  | **Image 1:**  Depending on the variant selected, the compact terminals control two to 16 separate vacuum circuits. |
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Images: J. Schmalz GmbH

**About the company**

#### Schmalz is one of the market leaders in automation with vacuum and for ergonomic handling systems. The products of the international company 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 segment 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 business segment, Schmalz offers innovative handling solutions for industry and trade with vacuum lifters and crane systems. With the Energy Storage business field, the company is building up another mainstay in the area of stationary energy storage systems.

#### The combination of comprehensive consulting, a high 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 round 1,800 employees at 31 locations worldwide.

#### Contact for Questions

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