**Press Release**

**VCBL-R and VCBL-N vacuum blocks from Schmalz with 2-in-1 function**

Whether nesting or grid table: Schmalz presents a sophisticated 2-in-1 solution with the new VCBL-R and VCBL-N vacuum blocks. The series fixes workpieces safely on the different tables and, thanks to its numerous dimensions and clamping heights, releases every task in CNC wood processing.

The new VCBL-R and VCBL-N vacuum blocks are characterized by height flexibility and short set-up times. Schmalz relies on a clever 2-in-1 function in the design: the innovative clamping equipment can be prepared with a single movement. The nesting insert on the underside fixes the vacuum blocks to nesting and flat tables. It can be removed in seconds using the clip – this means that the suction cup is also rock-solid on all standard 30 and 40 millimeter grid geometries.

This provides applications with a universal solution that can be used to equip both grid and nesting tables. If the processing is more complex, such as when processing the edge of the workpieces or small parts, the new series provides a remedy without affecting the MDF protective plate. The hose connection available as an accessory enables use at any position on the grid table, even if there is no suction point below the suction cup. It also increases the power for particularly demanding applications.

**Tool-free change**

The suction plate fixes components of all kinds – from rough or textured surfaces to solid wood. It can be replaced quickly and without tools when worn. Its membrane protects the workpiece from direct contact with the touch valve, which comes as standard, and at the same time prevents the ingress of dirt. The optional lifting system protects the sealing edge of the suction plate from damage and makes it easier for users to load and unload large workpieces. The adaptable series with working heights from 25 to 132 millimeters is equally suitable for simple 3-axis and complex 5-axis machining.

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**Meta-Title:** VCBL-R and VCBL-N vacuum blocks from Schmalz with 2-in-1 function

**Meta-Description:** The new VCBL-R and VCBL-N vacuum blocks from Schmalz fix workpieces on grid and nesting tables. Flexible to use and quick convert.

**Social Media:** 2 in 1: The new vacuum blocks VCBL-R and VCBL-N from Schmalz reliably hold workpieces during CNC processing of wood on various types of tables. The clamping equipment can be adapted to nesting or grid tables in a very short time by using or omitting the friction clip. This provides users with a highly flexible universal solution.

**Images:**

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|  | **Image 1:**  The new VCBL-N vacuum block fixes solid wood in demanding applications thanks to its one-piece design and the additional vacuum connection on nesting tables. |
|  | **Image 2:**  All common grid geometries can be fitted with the optimized VCBL-R vacuum clamping equipment. |
|  | **Image 3:**  The all-rounder VCBL is equally suitable for nesting and grid table applications. |
|  | **Image 4:**  From VCBL-R to VCBL-N and vice versa: The new 2-in-1 function of the Schmalz vacuum blocks. |

Images: J. Schmalz GmbH**Company**

Schmalz is one of the market leaders in vacuum automation and ergonomic handling systems. Schmalz products are used all over the world, for example in applications in the logistics industry, the automotive industry, the electronics sector or in furniture production. The wide range of products in the Vacuum Automation unit includes individual components such as suction cups and vacuum generators, as well as complete gripping systems and clamping solutions for holding workpieces, for example in CNC machining centers. The Handling Systems unit offers innovative handling solutions with vacuum lifters and crane systems for industrial and handicraft applications. With the Energy Storage unit, Schmalz has created a new pillar in the field of stationary energy storage.

With comprehensive consulting, a focus on innovation and first-class quality, Schmalz offers its customers long-lasting benefits. Schmalz’s intelligent solutions make production and logistics processes more flexible and efficient, while also preparing them for the increasing trend toward digitalization.

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 Germany, employs around 1,800 people at 31 locations worldwide.

**Contact for questions**

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