

### **Schmalz at the Pack Expo 2019: A comprehensive display of packaging solutions**

Specialists from all packaged goods industries will meet in Las Vegas for PMMI's Pack Expo 2019, which will take place September 23 - 25. Schmalz will use the tradeshow as a platform to present its comprehensive range of vacuum technology used in all areas of the packaging industry: in suction cups for putting chocolates into trays (primary packaging), in compact end effectors for placing filled bags in a cardboard box (secondary packaging) and in vacuum gripping systems for manual or automated palletizing (EOLP).

In addition to the full array of packaging specific suction cups, vacuum grippers, vacuum generators, and components for control and monitoring, Schmalz will be introducing some new technologies at this year's show. Among the new products Schmalz will be presenting in booth S-7250 is the Ethernet/IP Compact Terminal (SCTSi), a compact unit of several vacuum generators for simultaneously and independently handling different parts with a single vacuum system. This flexible, energy efficient vacuum system serves as a central compressed air and power supply for up to 16 ejectors with just one connection each.

The new collaborative offerings from Schmalz, including the electric powered pump, CobotPump (ECBPi), the vacuum area gripping systems (FXCB) and the configurable vacuum end effector kits (VEE) will be actively demonstrating packaging applications on two collaborative robots in the booth. A third robot will be demonstrating three Universal Grippers (FXP) for automated palletizing, depalletizing, order picking and sorting of packaging workpieces. These grippers work flexibly and reliably. A single gripper allows handling of workpieces of a variety of geometries. The vacuum is generated energy-efficiently and directly in the gripper. The FXP is light and thus ideally suited for attachment to a robot. Users can choose among a wide variety of valve types and sizes in order to gently transport even porous and smooth-surfaced workpieces.

Two suction cup offerings, the SPB2f and the SFF, will be introduced at the show. The SPB2f is a bellows suction cup for the dynamically handling of pouches and other types of very flexible packaging. The SFF is a flat, round suction cup for the gentle handling of sensitive materials and fragile workpieces.

Schmalz will round out its appearance at the trade show with their ergonomic manual handling lifters for end-of-line-processes, including two new systems; the JumboPicker and the SmartLifter. The JumboPicker, is a stand-alone, battery powered unit, in combination with a rider pallet truck or forklift, it enables the operator to effortlessly and ergonomically handle various workpieces up to 88 lbs (40 kg) as it moves throughout a warehouse facility. The

SmartLifter is making its debut at this year's Pack Expo. For palletizing cartons, boxes or pales up to 88 lbs (40 kg), the SmartLifter offers; side gripping, so no product is lost due to carton-top seal failures, an adjustable handle that allows even shorter workers to move cartons up to a 9-foot pallet stack height, and it's exclusive SmartBalance technology keeps cartons balanced with no tipping. The SmartLifter can be mast-mounted or underhung from a Schmalz Aluminum jib or any existing monorail.

The Schmalz booth will be staffed with application engineers for both automated and manual solutions to assist visitors with the most challenging of packaging processes.

## Schmalz at Pack Expo: Booth S-7250

### Images:



**Image 1:**

Schmalz technologies offerings cover all steps in the packaging processes.



**Image 2:**

Ethernet/IP Compact Ejector for flexible, fully networked vacuum generation.



**Image 3:**

Schmalz introduces the SmarLifter, for effortless and ergonomic manual stacking.

Images: Schmalz Inc.



### **About Schmalz**

Schmalz is the global market leader in vacuum automation and ergonomic handling solutions. Schmalz products are used worldwide in applications in the logistics, glass, metal, automotive, packaging, and wood industry sectors.

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. Our Handling Systems unit offers innovative handling solutions with vacuum lifters and crane systems for industrial applications.

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' US headquarters in Raleigh, N.C., has been in operation since 1993 and employs about 100 people..

### **Contact for questions**

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