Innovative Vacuum for Automation

Vacuum Gripping Systems
Individual System Solutions
Schmalz – Your Partner for System Solutions

Schmalz is a competent and experienced partner for vacuum system solutions for automation. With first-class products, extensive experience and custom made services, a Schmalz system helps you to minimize costs throughout the entire life cycle – whether you utilize Schmalz for the efficient procurement of individual components or you seek full project management for the creation of turn-key solutions.

“Our system consultants and designers have extensive knowledge in the field of vacuum technology, combined with decades of experience in the international mechanical and plant engineering. Entrust your automation task to us: we understand your requirements.”

Peter Gröning
Head of Business Development and System House
Vacuum Gripping Systems

Services with Added Value Throughout the Entire Life Cycle

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**Consultation and System Design**
- Qualified consultation with assistance from an experienced project manager
- Consideration of application-specific requirements and customer processes
- Resource efficient system design

**Engineering**
- No design time required on your side
- Future-proof solution in accordance with the latest technological standards
- Vacuum technology efficiently combined with mechatronic solutions

**System Construction and Tests**
- Professional and service-friendly construction of the gripping system
- Use of high-quality and standardized components
- Safety and functionality verified through tests with the original workpieces

**Procurement and Logistics**
- Fast delivery through single sourcing
- Elimination of time required for procurement of individual components and associated logistics

**Mounting and Installation**
- Professional mounting at the operation site and support during process integration on request

**Start of Operations and Training**
- Hand-over of a fully functional system
- Professional on-site training for your employees
- Comprehensive documentation

**Operation and Service**
- Optional solutions for process monitoring ensure smooth operation and high availability
- Fast service for replacement parts
Wood | Vacuum suction spider SSP being used for handling wooden boards

Wood | Schmalz Nesting Gripper SPZ-NG for destacking complete layers of workpieces during nested manufacturing

Wood | Vacuum area gripping system SBX for handling layers of wooden boards

Packaging | Vacuum suction spider SSP with electrically adjustable grippers for separating boxes or building layers

Packaging | Vacuum layer gripping system SPZ for handling of sugar packages

Logistics | Vacuum layer gripping system SPZ-M-C being used to palletize beverage trays

Logistics | Vacuum layer gripping system SPZ for handling cardboard boxes of different sizes in layers

Logistics | Vacuum layer gripping system SPZ on a forklift for picking cardboard boxes
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**Construction material** | Vacuum layer gripping system SPZ with gripping arms for handling bricks and pallets

**Construction material** | Vacuum suction spider SSP being used to handle and separate porous sheets of insulation

**Glass** | Vacuum layer gripping system SPZ for handling jars by suction area and intermediate layers by mechanical gripping arms

**Metal/Sheet metal** | Vacuum suction spider SSP with area grippers for handling of pipes

**Plastics** | Vacuum suction spider SSP for handling of intermediate layers from plastic

**Composites** | Vacuum layer gripping system SPZ for handling of composite textiles

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**Brochure Vacuum Gripping Systems**
Scan code or download at:
www.schmalz.com/catalogues