



Handling Systems

# Product Overview

# Schmalz: Vacuum Technology for Intelligent Automation and Ergonomic Handling

**1800**  
**employees**  
working hard for our customers.

**31**  
**locations**  
for outstanding customer service worldwide.

**9**  
**percent**  
of our revenue is invested in innovative ideas and new products.

**590**  
**copyrights**  
are proof of our groundbreaking innovations.



## *Schmalz is one of the Market Leaders in Vacuum Automation and Ergonomic Handling Systems.*

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.

Our products are used in different applications for example in the logistics industry, the automotive industry, the electronics sector and in furniture production.

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.

### Vacuum Automation



Components



Systems



Clamping solutions

### Handling Systems



Vacuum lifters and crane systems

## Maximum Ergonomics and Productivity with Schmalz Handling Systems

**250**  
**picks**

per hour with the tube lifter JumboFlex.



**Our Handling Systems enjoy wide use in a range of industries:**

- Automotive
- Chemicals and pharmaceuticals
- Food and beverages
- Glass
- Logistics
- Packaging
- Plastics
- Sheet metal and metal
- Solar
- Wind energy
- Wood

Workplace ergonomics and employee productivity are closely linked. People need assistance in handling loads, especially when these loads are moved manually. Schmalz Handling Systems make this possible. Our intuitive and easy-to-use vacuum lifters help employees to reduce the physical strain caused

by the many repeated movements involved in production, assembly and logistics processes. This contributes to improving employees' health and allowing them to conserve energy. The faster handling made possible by our solutions also accelerates material flows and leads to increased productivity.

## Our Services and Expertise Make the Difference

***“We take service seriously – all over the world.”***

**Our services for Schmalz Handling Systems:**

- On-site consulting – worldwide
- Schmalz Test Center
- Assembly and start of operations
- On-site training at the customer's location
- Auditing for compliance with accident prevention regulations
- Repair service

In addition to optimal system solutions, we also offer comprehensive services, from planning and system design to mounting and start of operations. Our system consultants and service technicians are there when you need them, all over the world. We know the details that really matter, and we are familiar with the specific challenges of a wide range of industries.



## Tube Lifters Jumbo: Assistance for Ergonomic Handling

**“We take workplace ergonomics seriously.”**

Employ Schmalz Handling Systems for:

- Ergonomic working environment
- Safety without compromises
- Increased productivity



Our tube lifters are designed to provide powerful assistance for manual handling tasks. The tube lifter Jumbo is the ideal assistant for machine loading and for shipping and picking applications. It can ergonomically move loads – for instance cardboard boxes, sacks or wooden boards – of up to 300 kg quickly, precisely and in any orientation.

## Lifting Devices VacuMaster: Heavy Loads Made Easy

**20  
tons**

can be loaded into sheet metal processing machines in a single shift with VacuMaster.



Whether it's metal sheets, wooden boards, plastic sheets, barrels, windows or glass sheets – the VacuMaster tackles even the heaviest goods weighing up to several tons. For applications where many hands would normally be required, the VacuMaster allows for effortless handling by a single operator while protecting the employee's health.



# Aluminum Crane Systems: Responsive Overhead Assistance



Schmalz aluminum crane systems are designed to work perfectly with our vacuum lifters. The light series of crane can lift up to 1,200 kg and can also be used as a stand-alone system. Whether as a jib crane or a crane system, our modular system enables perfect integration into your working environment.



60  
percent

less energy expended when users lift loads with our responsive aluminum crane systems.

## Schmalz Media Center

See our vacuum lifters in action: user-friendly, informative and practical!



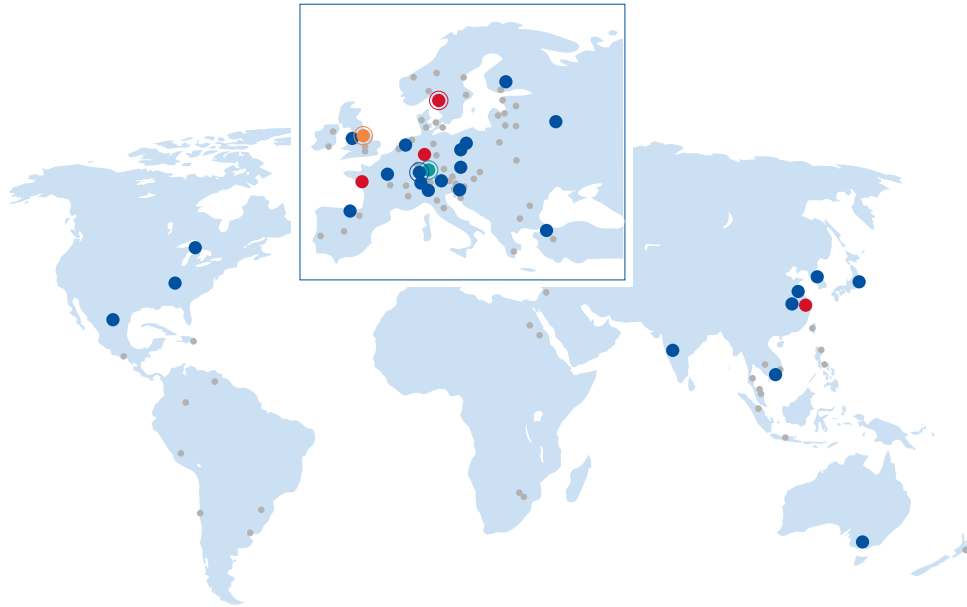
## Certified Ergonomics

Schmalz vacuum lifters and crane systems support the back and musculoskeletal system when lifting light and heavy loads. They reduce strain and help to make the work environment ergonomic. This is confirmed by the independent association Aktion Gesunder Rücken (AGR) e. V. (Campaign for Healthier Backs) with its seal of approval. An overview of all tested Schmalz products can be found at: [www.agr-ev.de](http://www.agr-ev.de)



Ergonomics by Schmalz

## The Schmalz Group – Worldwide On Site



● Germany – Glatten

● International companies:

Australia – Melbourne  
 Austria – Pasching  
 Benelux – Hengelo (NL)  
 Canada – Mississauga  
 China – Shanghai  
 China – Taicang  
 Czech Republic – Hranice  
 Finland – Vantaa  
 France – Champs-sur-Marne  
 India – Pune  
 Italy – Galliate  
 Japan – Yokohama

● Sales partners

Mexico – Querétaro  
 Poland – Bydgoszcz  
 Poland – Poznan  
 Russia – Moscow  
 South Korea – Anyang  
 Slovenia – Vrhnik  
 Spain – Erandio  
 Switzerland – Nürensdorf  
 Turkey – Istanbul  
 United Kingdom – Manchester  
 USA – Raleigh  
 Vietnam – Ho Chi Minh City

**BINAR HANDLING**

● Sweden – Trollhättan

● International companies:

China – Shanghai  
 France – La Haie-Fouassière  
 Germany – Staufenberg

 Palamatic

● United Kingdom – Chesterfield

 GPS  
GESELLSCHAFT FÜR  
 PRODUKTIONSSYSTEME

● Germany – Stuttgart

