



## Vacuum Handling Systems Product Overview

# Ergonomic and Efficient Handling Solutions



Handle Tough Tasks with Ease



## Efficient Handling is Becoming More Important in Every Industry

Not all tasks can be automated. People are vital in many production, assembly and logistics processes thanks to their intuitive and flexible way of working. A wide variety of handling tasks are still and will continue to be performed by people. In the future, the key to success will be finding a low-cost, ergonomic solution that supports these jobs.

Whatever the activity – a Schmalz vacuum handling system offers the ideal ergonomic solution for boosting productivity. The use of Schmalz vacuum lifters and crane systems optimizes the human/machine interface while also providing an ergonomic workplace. This increases employee motivation, and is an investment that will continue to pay off.

## Your Direct Line to Schmalz



For system design questions

### Technical Consultation

Tel. +49 7443 2403-108

Fax +49 7443 2403-299

handling-systems@schmalz.de

### Local Sales Partners

[www.schmalz.com/salesnetwork](http://www.schmalz.com/salesnetwork)



## Vacuum Tube Lifters Jumbo

Rapid and Flexible Movement

- Frequent and rapid lifting and movement of workpieces up to 300 kg
- Handling workpieces such as cardboard boxes, sacks, barrels, buckets, jugs, crates, wood pallets and much more besides
- Ideal for in-house logistics processes, loading and unloading CNC machining centers
- Modular, switchable grippers



JumboSprint



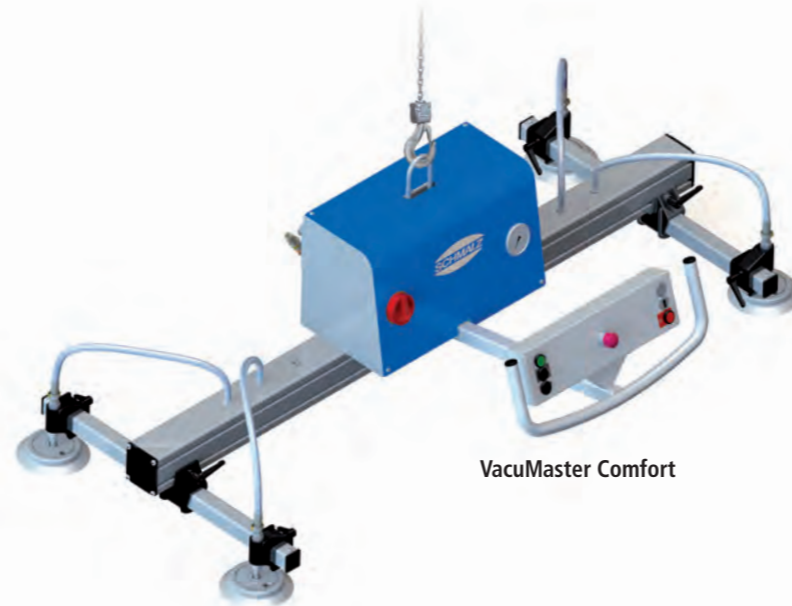
JumboErgo

[www.schmalz.com/jumbo](http://www.schmalz.com/jumbo)

## Vacuum Lifting Devices VacuMaster

Powerful and Versatile Handling

- Move loads of several tons safely and ergonomically
- For loading and unloading CNC machining centers in the sheet metal, wood, plastics and glass processing industry
- Standard VacuMaster range available for loads of up to 2,000 kg



VacuMaster Comfort



90° Swiveling

VacuMaster Comfort



180° turning

VacuMaster Comfort with turning unit

[www.schmalz.com/vacumaster](http://www.schmalz.com/vacumaster)

## Aluminum Crane Systems

As a supplement or standalone system

- Customizable and perfectly designed crane systems for loads of up to 1,200 kg and jib cranes for loads of up to 1,000 kg
- An ideal supplement to the vacuum lifters or as a standalone system solution
- Innovative crane system with highly responsive operation
- Modular system for perfect integration into the existing working environment



270° swiveling



Wall-mounted jib crane



Overhead crane system

Column-mounted jib crane

[www.schmalz.com/cranes](http://www.schmalz.com/cranes)

One-hand operation

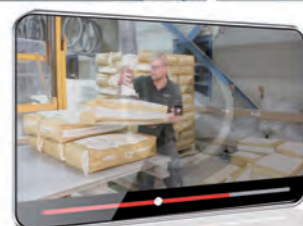
360° rotation

JumboFlex



You will find practical application solutions and service videos at:

[www.schmalz.com/video](http://www.schmalz.com/video)



Discover more about the world of vacuum handling at:

[www.schmalz.com/handling-systems](http://www.schmalz.com/handling-systems)



For questions about the start of operations and maintenance:

[www.schmalz.com/service](http://www.schmalz.com/service)

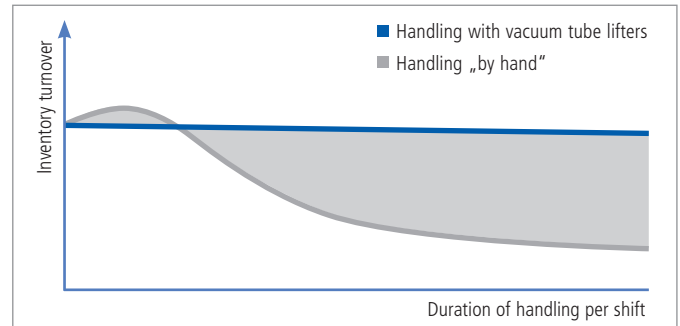


# Increase Productivity

Rapid Handling to Accelerate Material Flows



Productive stock turnover thanks to Schmalz tube lifters



Compare inventory turnover - handling with vacuum tube lifter and „by hand“

A vacuum tube lifter can be easily integrated into a production process. It is easy and intuitive to operate and results in a more consistent workflow.

- Handling speeds at a consistently high level
- Increased motivation thanks to reduced work-related strain
- Reduces unproductive downtimes
- New users comfortable operating in just a few minutes

# Boost Your Ergonomics

Promote Good Health – Protect Your Employees



Handling tasks at any age – with Schmalz tube lifters

The basic resource in any company is its people. As society ages, protecting workers in old age is therefore becoming an important issue. Companies are increasingly being called upon to provide solutions that allow staff to remain at work for a longer time. Older employees have a great deal of potential. Increasing productivity and ergonomics at the same time is a challenge that more and more companies will have to actively address in order to ensure their continued success into the future.

- Adapting new job profiles to an aging society
- Implementing ergonomics in the workplace prevents excessive physical strain on the employees
- It helps employees to stay fit and healthy throughout their entire working life



**Vacuum Components**

Tel. +49 7443 2403-102



**Vacuum Gripping Systems**

Tel. +49 7443 2403-107



**Vacuum Handling Systems**

Tel. +49 7443 2403-108



**Vacuum Clamping Systems**

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## Schmalz Worldwide

### Canada

Schmalz Vacuum Technology Ltd.  
Mississauga

### China

Schmalz (Shanghai) Co. Ltd.  
Shanghai

### Finland

Oy Schmalz Ab  
Vantaa

### France

Schmalz S.A.S.  
Champs-sur-Marne

### Germany

J. Schmalz GmbH  
Glatten

### India

Schmalz India Pvt. Ltd.  
Pune

### Italy

Schmalz S.r.l. a Socio Unico  
Novara

### Japan

Schmalz K.K.  
Yokohama

### Mexiko

Schmalz S.de R.L. de C.V.  
Qerétaro

### The Netherlands

Schmalz B.V.  
Hengelo

### Poland

Schmalz Sp. z o.o.  
Suchy Las (Poznan)

### Russia

Schmalz Representation  
Moscow

### South Korea

Schmalz Co. Ltd.  
Goyang

### Spain

Schmalz S.A.  
Erandio (Vizcaya)

### Switzerland

Schmalz GmbH  
Nürens Dorf

### Turkey

Schmalz Vakum  
San. ve Tic. Ltd. Şti.  
Istanbul

### USA

Schmalz Inc.  
Raleigh (NC)

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