



# THE SEAL OF APPROVAL OF THE „AKTION GESUNDER RÜCKEN“

Decision making support when buying back-friendly products – important help for preventing and avoiding back problems. [www.backpain-products.com](http://www.backpain-products.com)



# ERGONOMICS MEETS PRODUCTIVITY: SCHMALZ HANDLING SYSTEMS

The AGR-certified vacuum lifters from Schmalz are flexible and safe helpers for lifting light and heavy loads. They enable an ergonomic posture, protect the spine and back muscles and thus minimize absence rates. But they can do even more: They motivate users and speed up the workflow.

## VACUUM TUBE LIFTERS JUMBO

Any weight that a person does not have to carry under his or her own power is easier on the spine and back muscles, thus preventing both accidents and injuries. Schmalz therefore shifts typical work movements to its lifting aids. With the tube lifters Jumbo, a single person can move cardboard boxes, sacks, barrels, buckets and canisters weighing up to 300 kg effortlessly, quickly and precisely. Different variants cover different areas of application – the principle of lifting with vacuum is common to all. JumboFlex, JumboErgo and Jumbo-Sprint as well as JumboFlex High-Stack and Jumbo Low-Stack differ in their



operating elements and grippers and are each designed for specific applications. This makes the vacuum tube lifter not only an ideal helper for machine loading, shipping and order picking

areas and many other lifting tasks, it also reduces handling times and thus increases productivity in numerous industries.



## JUMBOFLEX PICKER: ERGONOMICS TO GO

If the lifting tasks are distributed over several changing locations in the plant, Schmalz brings the tube lifter to the load without further ado. The mobile JumboFlex Picker consists of a basic module including vacuum generation and battery, a height-adjustable column and an articulated jib crane. A conventional industrial truck is all that is needed to transport it to its destination. The JumboFlex Picker is ideal for mobile order picking of packages weighing up to 40 kg or for in-house goods distribution.

Load lifting systems reduce physical strain. They move loads quickly, precisely and ergonomically in any position.

AG R  
Aktion Gesunder Rücken e.V.

SCHMALZ

## LIFTING DEVICES VACUMASTER



Schmalz also provides suitable systems for applications beyond 300 kg. The vacuum lifting devices VacuMaster, for example, is a true powerhouse. Whether metal sheets, wooden or plastic panels, windows or glass panes: the VacuMaster can handle even large, flat and heavy loads. Where many helping hands are actually required, the VacuMaster enables health-conscious workpiece handling by just one operator. A vacuum generator provides the necessary suction force and transfers it to the workpiece by means of suction plates. The load capacity of the series ranges from 100 to 2,000 kg. Loading and unloading of CNC machines as well as handling and positioning of glass panes and windows are just two of the typical applications of the



VacuMaster. With the ergonomic operator handle, the user maintains the required safety distance from the picked-up object and transports it to its destination safely, gently and without exerting force. Unlike the Jumbo, the VacuMaster only holds the workpieces. The lifting movement is performed by a chain hoist.

## ALUMINUM CRANE SYSTEMS

Schmalz aluminum crane systems are optimally matched to the vacuum lifters and lift up to 1,200 kg. Whether as a slewing crane or crane system - the modular system facilitates individual integration into almost any hall layout. For example, crane runways up to 50 meters long span entire production lines or transport routes. The jib cranes, on the other hand, allow applications in a radius of up to eight meters. Thanks to the aluminum profiles and the excellent smooth-running properties of the load carriers, users work quickly and accurately as well as ergonomically and without fatigue.



60  
Percent

force is saved by the user when handling loads thanks to smooth-running aluminum crane systems.



Schmalz is the market leader in vacuum automation and ergonomic handling solutions.

# THE AGR SEAL OF APPROVAL - YOU CAN RELY ON IT

The independent „Aktion Gesunder Rücken (AGR) e. V.“ (Association Campaign for Healthier Backs) was founded in 1995 on the initiative of Dr. Günther Neumeyer in Hamburg. It identifies back-friendly products as an important component in the prevention and treatment of back pain. Nowadays, back pain is the number one widespread disease.

Therefore, affected individuals are well advised to make their personal environment more back-friendly - from the workplace to the home to recreation. But how can you identify back-friendly products that will truly help you?

The AGR seal of approval is a valuable tool, identifying products and articles of daily use with ergonomic qualities that have been verified by multiple medical specialists. Products are put through their paces by an independent body of experts in a demanding test procedure. The experts are members of Germany's largest back therapy training associations, the „Bundesverband deutscher Rückenschulen (BdR) e. V.“ (Federal Association of German Back Schools) and the „Forum Gesunder Rücken - besser leben e. V.“ (Association Forum Healthy Back - Better Living). Only products that pass this test procedure are awarded the AGR seal of approval „Tested & recommended“ by doctors and therapists.

The seal of approval has also been recognized as highly trustworthy with the highest rating by ÖKO-TEST and Label online - a portal of the consumer initiative „Die Verbraucherinitiative e. V.“. Hence, the AGR seal of approval provides reliable support and serves as a valuable decision-making tool. You can put your trust in the AGR seal of approval with complete confidence.

If you are looking for help with back pain, look for the AGR seal of approval!

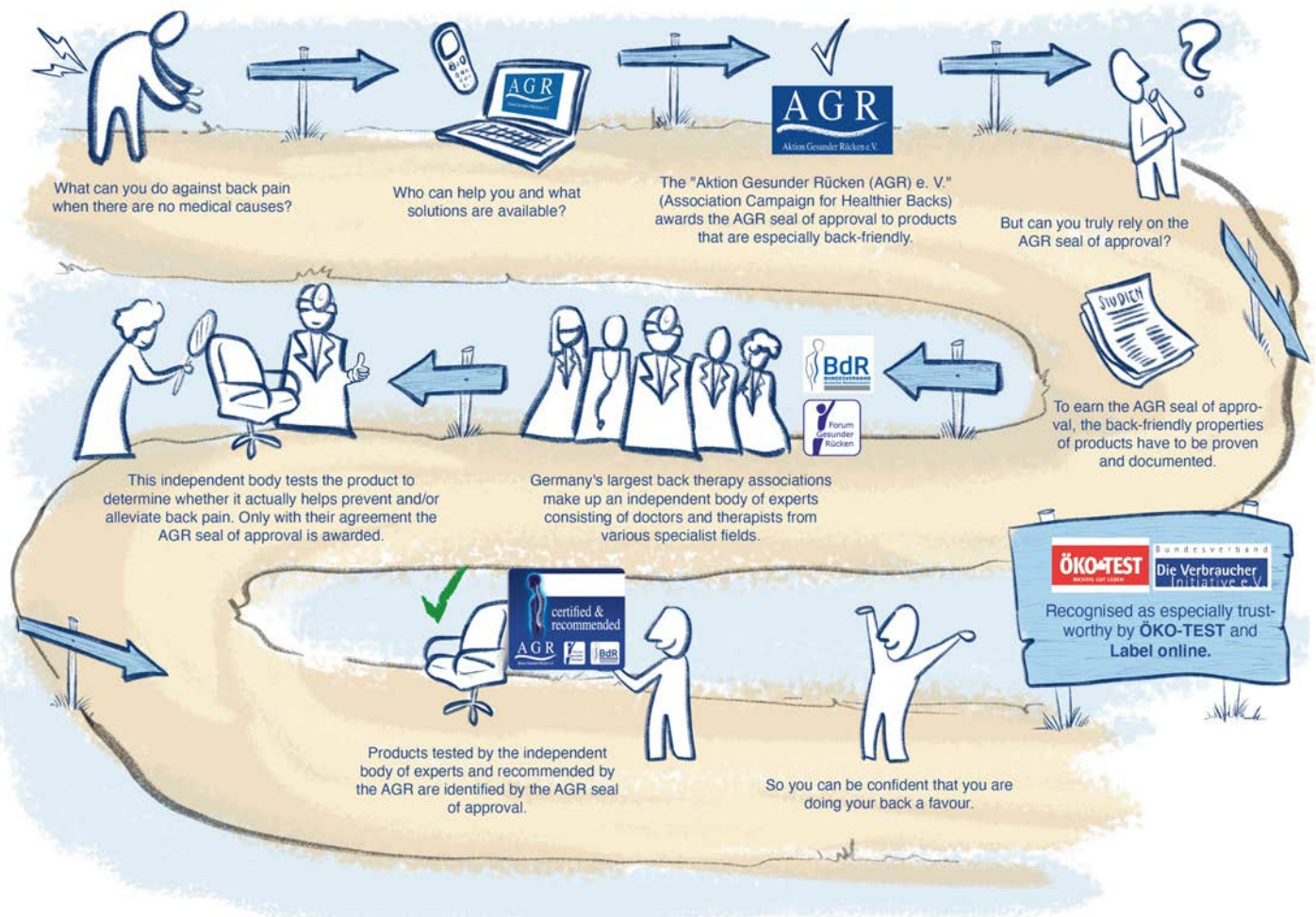
Tips for back health are available  
here: [www.agr-ev.com](http://www.agr-ev.com)



# HERE'S HOW THE AGR SEAL OF APPROVAL IS AWARDED!

Items of daily use which are designed and constructed for the back are essential and important aids in the prevention of back pain as well as in the therapy of musculoskeletal disorders. However, it is not always easy to recognize which product is the best for you. The AGR seal of approval, which AGR developed together with the two largest German associations related to back health, therefore serves as an optimal orientati-

on aid for consumers when purchasing ergonomic items of daily use, such as office furniture, car seats, beds, bicycles, upholstered furniture, shoes, school satchels, sports equipment, furniture for children and adolescents, home workstations etc. You can trust and rely on the AGR seal of approval, as the awarded products have passed a unique, detailed and well recognized awarding process.





AGR  
Aktion Gesunder Rücken e.V.

# WHAT ARE THE CHARACTERISTICS OF A PRODUCT

- 1 THAT PROVIDES OPTIMAL SUPPORT FOR YOUR BACK AND LOCOMOTORSYSTEM?
- 2 OFFERING RELIEF IN YOUR LIFE WITHOUT ENCUMBERING YOU?



Visit [www.agr-ev.de/products](http://www.agr-ev.de/products) to learn what really counts. Browse more than 100 everyday topics to discover valuable tips, information and certified products dedicated to back health.

The AGR seal of approval is awarded exclusively to products that have proven their back-friendly design before an independent test commission of medical and scientific experts. You can rest assured: This product is back-friendly! Tested and recommended by the „Bundesverband deutscher Rückenschulen (BdR) e. V.“ (Federal Association of German Back Schools) and the „Forum Gesunder Rücken - besser leben e. V.“ (Association Forum Healthy Back - Better Living).



Certified & recommended from  
Bundesverband deutscher Rückenschulen e. V.  
(Federal Association of German Back Schools)  
Forum Gesunder Rücken - besser leben e. V.  
(Association Forum Healthy Back - Better Living)

