



# STAY WITH MOTION TECHNOLOGY AT THE HIGHEST LEVEL

Every Application and Industry

## AUTOMATION CONTROL EQUIPMENT

MARKET LEADER IN QUALITY  
AND SERVICE

SPECIALISTS FOR INDUSTRIAL  
DAMPING TECHNOLOGY,  
MOTION CONTROL AND VIBRATION  
TECHNOLOGY

# THE WORLD'S LEADING PROVIDER OF INDUSTRIAL DAMPING TECHNOLOGY

The company's portfolio now includes automation control, motion control, vibration control and safety products.

ACE's experienced, local support team is focused on finding the right solution for each customer - worldwide.

ACE products assist you in making your production and processes faster, more efficient, quieter, easier, safer and more sustainable - underpinned by ACE product quality and our 5 star service.

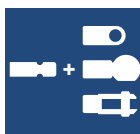
ACE has been part of the Stabilus Group since 2016.



## ACE HIGHLIGHTS AT A GLANCE



GLOBAL BUT  
ALWAYS NEAR  
Direct Sales &  
Distributors



THE FASTEST WAY TO THE  
PERFECT SHOCK ABSORBER  
ACE online  
calculation Service & Tools



THE RIGHT CAD DRAWING  
FOR YOUR PROJECT  
Fast and in every  
common format



ACE ACADEMY  
Blended Learning



MOBILE APPS  
Vibration Isolation  
Keep it Simple

## DISCOVER THE BRANDS BEHIND OUR AUTOMATION SOLUTIONS

The combined expertise of the expert brands ACE, Destaco, Fabreeka and Hahn Gasfedern provides a unique range for automation.

**STABILUS 4 AUTOMATION**



## Hydraulic Industrial Shock Absorbers

### Standard-setting damping solutions

- Over 200 models – from miniature shock absorbers to heavy-duty industrial shock absorbers.
- Rolling diaphragm and piston tube technology for maximum lifetime and soft impact.
- Stainless steel options with special oil for the food industry.



## Profile Dampers

### The alternative for continuous duty

- Made from extremely robust co-polyester elastomer.
- Maximum load capacity despite compact design.
- Different damping characteristics.



## Vibration Control

### Isolate unwanted vibrations effectively

- Longer tool and machine life thanks to lower stress.
- Lower reject rate in production.
- No signs of fatigue after dynamic overload.



## Safety Shock Absorbers

### Perfect protection for the worst case scenario

- For emergency stop applications with the highest requirements.
- Individually calculated and manufactured – precisely tailored to the application.
- Attractive cost-benefit ratio.



## Safety Dampers

### Top for emergency stopping

- Extremely durable.
- Highly effective energy absorption.
- Suitable for emergency stops, as overrun protection, or end stop dampers.
- Reconstructable via deformation accident event.



## Clamping Elements

### On-the-spot clamping and stopping

- Rail, rod or rotation clamping.
- Ideal for all standard sizes.
- Individual functional options.



## Industrial Gas Springs – Push Type

### Controlled lifting and lowering

- The high-quality features have been the industry standard for years.
- Available immediately from stock with filling valve.
- Stainless steel variants for the food industry.
- Modular end fittings and mounting brackets for flexible integration.



## Hydraulic Dampers

### Precision adjustment of feed rate

- Without free travel and adjustable variants.
- High quality and long lifetime.
- Easy to install thanks to a wide range of accessories.



## Rotary Dampers

### High protection even for the most sensitive components

- For controlled deceleration of rotary or linear movements.
- Continuous rotation or with partial rotation angle.
- Maintenance-free and ready-to-install.



## INDUSTRIAL POWERISE®

### The new class of electromechanical drives



Fast and energy-saving. Fully automatic, precise and powerful. This is what you get when you combine the innovative Industrial POWERISE® with the tried-and-tested gas springs from ACE.

- Unique combination of dynamic force and load compensation.
- Customized design by our experienced application engineering team.
- Depending on integration and parameterization, can be used up to Performance Level C.



#### IPR35

- External controller
- Ideal for moderate forces up to 2.5 kN
- Standard products for different applications and configurations



#### IPR35 SMART

- Integrated control
- Synchronous operation of up to four drives
- Simple activation



#### IPR40

- Built-in limit switch
- Active and passive forces up to 5 kN
- Various connection options



#### IPR40 SMART

- Internal control
- Safety according to EN ISO 13849-1
- CAN bus communication

### Powerise Link and Link App

POWERISE Link – the adapter for easy parameterization of the control system. More than 200 parameters can be conveniently set using the Link app.

#### Parameterization

- Closed loop speed control
- Obstacle detection
- Overload detection
- Slam protection
- Acoustic signals
- Additional parameters can be customized



# YOUR MOTION. OUR SOLUTION.

## STABILUS

## THE GLOBAL MOTION CONTROL SOLUTION PROVIDER TO THE INDUSTRY

- Specialized industrial brands with unique solutions and expertise for each market.
- Wide product range – from simple to complex requirements across all industries.
- Broad global presence that closely connects us with all markets.



### Stabilus group of industrial brands

#### STABILUS

Globally leading series gas spring manufacturer, meeting highest automotive quality standards for industrial products in all plants.



A STABILUS COMPANY

Expert in **industrial damping** and deceleration with **excellent customer support** satisfying most demanding application requirements.



A STABILUS COMPANY

Global specialists in the **design and manufacture of dampers in compact sizes with high torques** and forces, offering rotary, axial and linear solutions for every damping need.



A STABILUS COMPANY

A global leader in the design and manufacture of **high-performance automation, workholding, and remote handling solutions.**



A STABILUS COMPANY

Leading supplier for **individual vibration isolation and shock control** solutions.



A STABILUS COMPANY

Innovative supplier of distinctive **airline motion control** solutions.



A STABILUS COMPANY

Experienced provider of **customized and special** gas springs with **very fast** time to market.



A STABILUS COMPANY

Experienced manufacturer of **elastomeric vibration isolators and shock mounts.**





A STABILUS COMPANY

WHEN PERFORMANCE MATTERS

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