

# STABILUS

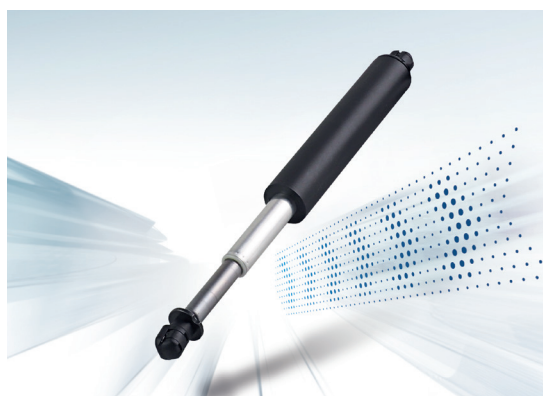
YOUR MOTION. OUR SOLUTION.



## INDUSTRIAL POWERISE

Motion solutions for the furniture industry

HEALTH,  
RECREATION &  
FURNITURE



# POWERISE

## RELIABLE, DURABLE AND PROVEN

**Industrial Powerise is a linear electromechanical spindle drive designed to lift and lower heavy elements. They are reliable and maintenance-free, with quiet movements that have been proven a million times over!**

**The Stabilus brand has already earned an excellent reputation for several decades for its wide range of gas springs, offering durability, reliability and providing individual solutions to individual applications.**

Adjusting the spindle drive manually according to the application and the design of the spindle drives is easy. This makes it possible to operate it without damage, even without electricity.

As one of the leading companies, the Stabilus brand has already earned an excellent reputation for several decades for its wide range of gas springs, which impress our customers with their durability, reliability and individual solutions.

It's a perfect combination. After all, the large selection of gas springs gives you a unique range of systems designed to match your requirements.

### PROVEN A MILLION TIMES OVER – FOR THE HIGHEST REQUIREMENTS

The launch of Stabilus Powerise has changed the automotive market forever! Since its introduction in 2002, more than 50 million units have been produced, and now manufacturers and customers find it impossible to imagine life without this popular solution.

Besides convincing our customers with its enhanced ease of operation, this product is also highly reliable and durable.

Each Industrial Powerise version has been designed and optimized by experienced Stabilus experts specifically for industrial applications.

- Choose from the extensive standard range or select a customized design
- Maintenance-free
- High power density in a slim design
- Ball socket for proven 1-click assembly
- Adjustment speeds of up to 100 mm/s
- Nearly silent due to very quiet adjustment

+50 MM  
UNITS  
PRODUCED



Powerise was first introduced in 2002 to close the side doors of Maybach sedans



More than 50 million units produced for passenger car tailgates

# INDUSTRIAL POWERISE

## NEW SOLUTIONS FOR FURNITURE CONSTRUCTION



**Give your applications and new ideas a new push with a Powerise!**

Powerise lets you make a wide variety of cabinetry applications more innovative and convenient.

**What solution did you have in mind? Contact us!**

### NO LIMITS

Powerise drives are available in spindle pitches from 4 to 30 mm. This opens up completely new application approaches and allows minimal manual adjustment forces and easy functioning – even without electricity. In situations when self-locking drives can no longer be moved or need a lot of force to be disengaged, these drives are still ready for operation!

For an extra boost of power, additional Stabilus products such as gas springs or struts can be added to Industrial Powerise drives. For extremely challenging applications, an optional mechanical spring in the drive provides additional power support. That's a unique solution. The application experts at Stabilus offer comprehensive advice and software-based support to help you select the right overall package.



# POWERISE

## APPLICATION EXAMPLE

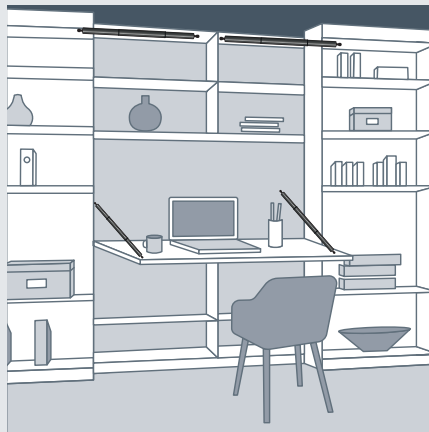
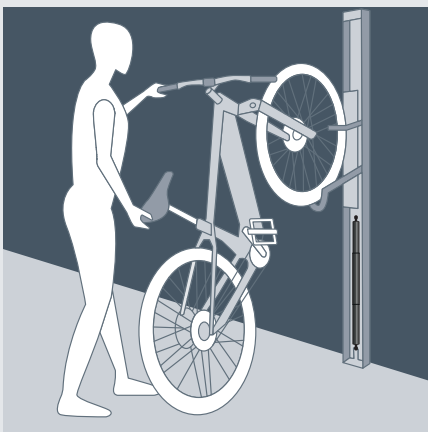
### HOME SYSTEM

- Fully automatic opening/closing
- Standby operation < 0.2W (already complies with new EU directives)
- Meets European EMC standards and safety standards for household use



### EXAMPLES OF INDUSTRIAL POWERISE APPLICATIONS FOR FURNITURE CONSTRUCTION

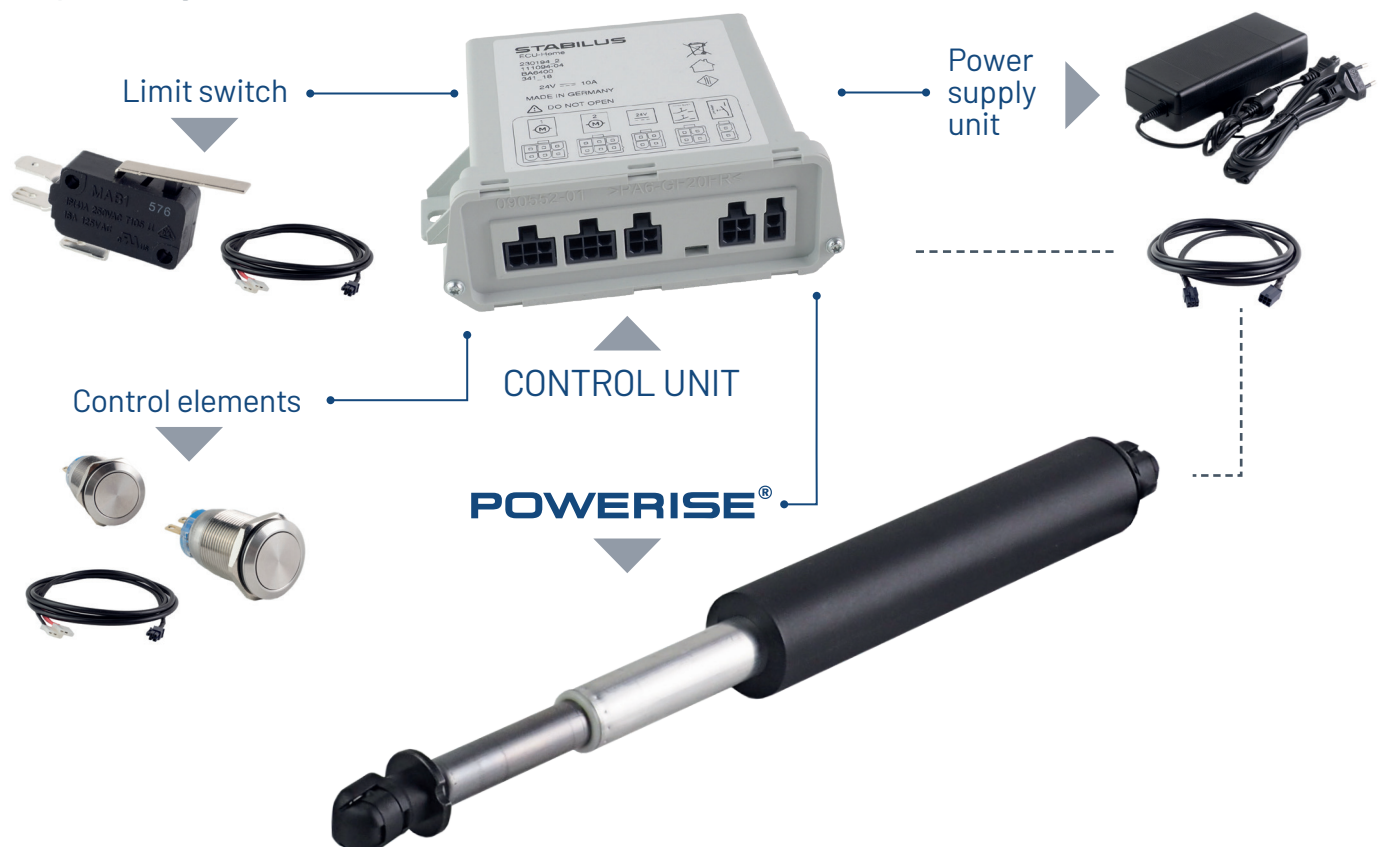
In furniture construction, there are countless possible applications for series production or even for customized applications. Here are a few examples:





# THE COMPLETE SOLUTION FROM A SINGLE SOURCE

- Easy and secure connection of components with the standardized connector system
- Control of 1 or 2 drives (in parallel)
- Intelligent protection against improper use and overload
- Sensitive obstacle detection with reverse function
- Active motion control for optimal motion
- 3 available operating modes:
  - Single Push
  - Push and Hold
  - Tip-to-run
- 24 V power supply with protection against short-circuit and overload
- Common connector variants
- Input voltage 100-240 V ~ 50/60 Hz



# INDUSTRIAL POWERISE

## ID 35



### SUMMARY

- Industrial specific requirements build on automotive quality standards
- Setting a new standard for acoustics performance
- Wide variety of back drive forces for the optimum ergonomics
- Pairs with Stabilus gas spring for managing heavy applications with a lightweight drive
- Slim inline design for minimized installation space

### CHARACTERISTICS

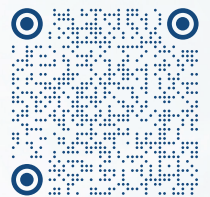
- 35mm outer diameter
- Output force up to 2,5kN
- Water proved (IP67) sealing
- 12V or 24V power supply

# 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.



#### FABREEKA<sup>®</sup>

A STABILUS COMPANY

Leading supplier for individual vibration isolation and shock control solutions.



#### ACE

A STABILUS COMPANY

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



#### HAHN

GASFEDERN  
A STABILUS COMPANY

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



#### General Aerospace

A STABILUS COMPANY

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



#### TECH PRODUCTS

A STABILUS COMPANY

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



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