



 **SIMONSWERK**

SIMONSWERK is a leading manufacturer of hinges and hinge systems and known for high quality standards, constant readiness for innovation and customer connectivity in daily practice. Our modern, top-quality products are our response to the great variety of demands from many different areas of use.

SIMONSWERK brings movement into interiors. We ensure that doors open and close properly – with a holistic concept incorporating dynamics, balance, stability and aesthetics.

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BUILDING: Hohenkammer Castle, guest house, Hohenkammer, (D)

ARCHITECTURE: Brückner & Brückner

SIMONSWERK: TECTUS® and VARIANT® VX

SIMONSWERK has produced hinges and hinge systems for 125 years and has established connections for several decades between mobile and static elements – between frames and doors, between space and movement. Whenever doors open and close, something happens in space, in the architecture and with people. Depending on their functions, uses and dimensioning, the movement of doors implies a variety of demands, requirements and effects.

Whether functional, stable and safe or spectacular, used as an interior design element and consequently as an architectural feature, the choice of doors to entrances, passages and exits invariably also involves a choice of suitable hinge systems.

SIMONSWERK combines technological innovation with impressive aesthetics and a contemporary view of hinge systems and movement.

CONNECTION

Scene from the film
“Movement in Space”



MOVEMENT



ARCHITECTURE

DETAIL

Even though the hinge may appear to be a relatively small element in a building, its close connection to architecture is vital.

SIMONSWERK supplies a significant detail for granting access to buildings, connecting different rooms and separating various functions from each other.

SIMONSWERK manufactures hinge systems which cater to local conditions, in accordance with individual architectural concepts or planning specifications. Form, function and structure are the crucial parameters in playing with spatial dimensions, variations in form and optimal positioning.

BUILDING: Museum Kunsthalle Bremen (D)

ARCHITECTURE: Hufnagel Pütz,
Rafaelin Architekten

SIMONSWERK: VARIANT® VX

A detailed, high-contrast black and white photograph of a door hinge assembly. The hinge is a complex mechanical structure with multiple components, including a main body and a lever arm. A semi-transparent rectangular box is overlaid on the left side of the image, containing the word 'FUNCTION' in white capital letters. The background shows the intricate details of the hinge's internal parts and the door frame it is attached to.

FUNCTION

Our success is based on modern, premium-quality products. They are our response to the vast variety of demands from the many different areas of application. **TECTUS®**, a completely concealed hinge system, is particularly suitable for modern, flush-to-wall interior design structures. The **VARIANT®** brand is almost a synonym for hinge systems in residential as well as public and commercial buildings exposed daily to various types of strain, including hard wear and security requirements. **BAKA®** is the brand with the longest tradition. This hinge system for wooden entrance doors stands out in particular by its two- and three-dimensional adjustment technology. The **SIKU®** hinge system for PVCu doors is durable, hard-wearing and can be fitted to all standard-type profiles.

The completely hidden **TECTUS®** hinge system has a load capacity of up to 300 kg, allows a 180-degree opening angle and can be fitted to frames made of wood, steel or aluminium. **TECTUS®** is the optimal way to integrate unrebated doors in interior design concepts based on straight lines and laid out for flush-to-wall installation. The three-dimensional adjustability and maintenance-free slide bearing technology of **TECTUS®** are used for high-quality residential doors and functional doors in public and commercial buildings.

DESIGN

SIMONSWERK upholds its claim to perfection right from the start and in all areas. Its quality-consciousness starts with the selection of raw materials. Using high-grade materials allows for maximum scope in design and offers many different options for finish and corrosion protection. Material and quality tests are carried out in close cooperation with recognized test labs. This includes fire prevention and protection tests, anti-burglary and soundproofing tests, as well as endurance tests according to CE guidelines.

MATERIAL

The VARIANT® VX hinge system creates a single unit consisting of the hinge and the element to which it is attached for every field of application. With load capacities of up to 300 kg, 3-D adjustability and the concealed, maintenance-free slide bearing mechanism, VARIANT® VX hinge systems are suitable for reliable use on doors in public and commercial buildings, heavy-duty fire and smoke emergency doors as well as doors for escape routes and emergency exits. Slender, filigree knuckles with a 15 mm diameter and a great variety of finishes round off the range.

QUALITY

Ever since the company was founded in 1889, new developments have invariably been transformed into cross-market solutions and firmly established in the industry. The company's mainstay is its long tradition, while constant striving for innovation and further development is its motor. The most recent example of our continuous research is the TECTUS® Energy model variant, which has set new benchmarks in terms of flush-to-wall interior design including invisible, integrated and permanent energy transmission. SIMONSWERK has initiated these innovations and brought them to perfection. Innovative strength is always an indicator of competent responsibility for the market, for target groups and the corporate product lines. The ability to think and develop according to holistic concepts is the basic principle governing our daily work. It is a necessity in order to ensure the durability and functionality of our products.

INNOVATION

TECHNOLOGY

TECTUS® Energy

Invisible, integrated and permanent energy transmission with completely concealed hinge technology for doors and functional doors in residential, commercial and public buildings.

BRANDS



TECTUS®, the completely concealed hinge system



VARIANT® VX, the all-purpose hinge system for doors in public and commercial buildings



VARIANT® VN, the proven hinge system for doors in public and commercial buildings



VARIANT® VG, the hinge system for glass doors



VARIANT® V, the variable hinge system for residential doors



BAKA®, the hinge system for wooden entrance doors



SIKU®, the hinge system for PVCu doors and windows



ALPRO®, the hinge system for aluminium and steel doors

PORTFOLIO

PUBLIC AND COMMERCIAL BUILDINGS

Wherever people work, doors are constantly in motion. SIMONSWERK offers a complete range of hinges tailored to fit modern commercial architecture. Regardless of whether for highly frequented corridors, prestigious entrances or oversized exits: our hinges for public and commercial buildings come with 300 kg maximum load capacity and simultaneously with excellent running properties. They are also the perfect companions for fire and smoke protection systems and ideally suited for installation on escape routes and emergency exits.

SOLUTIONS

BUILDING: office building for the Spiegel publishing house, Hamburg (D)

ARCHITECTURE: Henning Larsen Architects

SIMONSWERK: VARIANT® VX

A photograph of a modern interior hallway. The walls are a neutral, light grey. The floor is made of light-colored wood planks. On the left, a large light wood door is open, revealing a bright room beyond. Further down the hallway, another similar door is closed. A person in a dark suit is walking away from the camera towards the end of the hallway. To the right, there is a white wall with a large window and a potted plant. The word 'INDIVIDUAL' is overlaid in white capital letters on the left side of the image.

INDIVIDUAL

Elegant interior design culture depends on connections functioning smoothly through perfect interaction between doors and hinges. Hinges from SIMONSWERK cut a fine figure in any room. With meticulous attention to detail, they set creative highlights. The great variety of their forms and finishes enables virtually unlimited scope for design.

RESIDENTIAL

The entrance door is the calling card of the house. Its inner values provide safety and security for the whole family. Door hinges from SIMONSWERK play a vital role and are capable of withstanding heavy loads. The entrance door hinges can be flexibly adapted to fit various profile geometries.

To ensure a harmonious unity of all doors within a building, we have the perfect solution to suit every area of application and every individual situation. Whether for glass doors, antique doors in need of restoration or modern doors – with visible or concealed hinges: SIMONSWERK can supply the hinge system required for the building project in every case.

OUTSIDE


INSIDE

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BUILDING: residential building in Bielefeld (D)

ARCHITECTURE: Büscher

SIMONSWERK: TECTUS®



For SIMONSWERK as a manufacturer, protection of the environment is an integral part of its corporate philosophy and is actively practiced by all associates in daily business. Protection of the environment starts with product development and continues with the sourcing of raw materials, the choice of production processes and the packaging and delivery of the finished products, and also includes recycling and re-use.

SIMONSWERK has already practiced quality management in accordance with the DIN ISO 9001 standard for many years. The introduction of an integrated environmental management system according to the international DIN EN ISO 14001 standard in 2011 was the next logical step in its company-wide, sustainable protection of the environment. TÜV Nord is the institution in charge of external auditing and certification.

State-of-the-art production technology and optimally coordinated production processes provide absolute flexibility. An in-house engineering department manufactures tooling which guarantees utmost precision in production.

Last but not least, the facilities in Rheda-Wiedenbrück, East Westphalia and Heilbad Heiligenstadt, Thuringia (Germany) contribute materially to practicing and substantiating the quality claim of “Made in Germany” also in future.

PRODUCTION

RESPONSIBILITY

COUNSELLING

We provide you with all the information materials you need to select a suitable hinge system and where necessary work out the best possible solution together with you – from high-quality standard options to complex customized solutions. We will counsel you with competence and passion, utilising all our know-how, which is derived from values put into practice and a continuous pursuit of further optimisation.

Architects can rely on our exclusive architectural service. Just explain to us your architectural concept, and we will help you to realise it strictly according to plan.

SIMONSWERK is also well established internationally. Under www.simonswerk.com, you will find all your local contact partners.

Also available online are detailed and accurate product descriptions to facilitate selection of suitable hinge systems for your needs as specifiers, distribution partners or planners.

SERVICE

BUILDING: The Bastian Office, Münster (D)

ARCHITECTURE: Peter Bastian Architekten

SIMONSWERK: TECTUS®



Business Centre
Moscow, Russia
SIMONSWERK TECTUS®



Kunsthalle Museum
Bremen, Germany
SIMONSWERK VARIANT® VX



E.ON Ruhrgas
Essen, Germany
SIMONSWERK TECTUS®



Rocksresort
Laax, Switzerland
SIMONSWERK TECTUS®



Parliament Building Liechtenstein
Vaduz, Liechtenstein
SIMONSWERK TECTUS®



Hafenspitze
Düsseldorf, Germany
SIMONSWERK VARIANT® VX

PRACTICE



New Museum Berlin
Berlin, Germany
SIMONSWERK VARIANT® VX Bronze



Savoy Hotel
London, United Kingdom
SIMONSWERK Ball race solid brass



Airrail Center
Frankfurt/Main, Germany
SIMONSWERK VARIANT® VX



ThyssenKrupp Quarter
Essen, Germany
SIMONSWERK VARIANT® VX



D-Hotel Maris
Istanbul, Turkey
SIMONSWERK TECTUS®



Deutsche Bank
Frankfurt/Main, Germany
SIMONSWERK VARIANT® VX

REFERENCES



Hotel Atlantic
Hamburg, Germany
SIMONSWERK VARIANT® VX



Office building for the Spiegel publishing house
Hamburg, Germany
SIMONSWERK VARIANT®



Bolshoi Theatre
Moscow, Russia
SIMONSWERK VARIANT® VX



Grand Hotel Dolder
Zurich, Switzerland
SIMONSWERK VARIANT® VX



ADIDAS Group headquarters
Herzogenaurach, Germany
SIMONSWERK VARIANT® VX



International Center of Commerce
Hong Kong, China
SIMONSWERK TECTUS®

REGIONAL



SIMONSWERK, based in Rheda-Wiedenbrück, East Westphalia/Germany, has specialised in manufacturing hinges and hinge systems for 125 years and upheld its claim of high quality standards, constant readiness for innovation and customer connectivity in daily practice throughout that period.

With some 500 associates, SIMONSWERK ranks among the leading suppliers of hinges and hinge systems in Germany. The company is active in more than 60 international markets and represented in 20 countries by subsidiaries or sales companies.

INTERNATIONAL

Please get in touch with us.

Let's get together to bring movement into your rooms. So that doors open and close – silently and harmoniously, with tastefully designed hinges.



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