



Rolling Shutters

Robust and Reliable in Tough Everyday Operation



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“A Good Reputation Must Be Earned”

August Hörmann, Founder, 1886-1944

Thomas J. Hörmann Martin J. Hörmann Christoph Hörmann

Hörmann Beijing Door Production Co., Ltd.

Hörmann Tianjin Door Production Co., Ltd.



Hörmann, a wholly-owned family enterprise is now run by the 4th generation. The company has prospered by manufacturing expertly crafted and high quality doors for its customers. It has become an internationally active group, securing a leading position in the world market. Hörmann now operates more than 20 highly specialised factories using the most advanced technology to manufacture a wide range of high quality products. Today, as in the past, the name Hörmann is synonymous with uncompromising quality.



Since its China engagement in 1998, Hörmann Beijing Door Production Co., Ltd. has earned a reputation as a manufacturer of high quality products in Asia. The Beijing factory uses high-tech know-how and state-of-the-art equipment to produce hinged doors, such as fire resistant doors, security doors, fire security doors, internal doors and multipurpose doors, all based on German quality standards.



Hörmann has established in China its second factory in the year of 2008, Hörmann Tianjin Door Production Co., Ltd. to manufacture garage doors, industrial doors and loading technology, such as sectional doors, high-speed doors, rolling shutters, dock levellers and dock shelters, in its new 16000 m² plant in Baodi, Tianjin. As the world's door producer Hörmann moves its state-of-the-art production closer to customers and allows a rapid response to rising demand.



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German Pavilion Expo 2010 Shanghai
2010年上海世博会德国馆

Schmidhuber + Kaindl GmbH
Architektur und Generalplanung / ARGE Deutscher Pavillon
Architecture / Consortium German Pavilion

Hörmann is official sponsor of the German Pavilion at the Expo 2010 in Shanghai.



The Reliable Know-How of the Specialist

In-house product development



At Hörmann, new products, further developments and detailed improvements all form part of an ongoing process involving a highly qualified development team. This gives rise to patented products which offer the customer unique benefits.

Highly specialized production



Our production systems are based on our own ideas. Applying state-of-the-art technology, we are able to produce industrial doors of a consistently high standard.

All the essential shutter components, such as profiles, side guides, support brackets, fittings, and control technology are developed and produced by Hörmann. At Hörmann quality has a system!

Special solutions are our strength



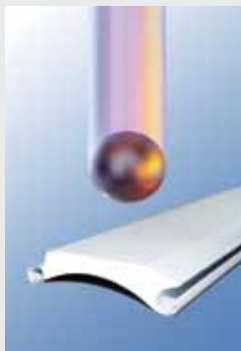
Hörmann's high degree of specialization in rolling shutter construction extends well beyond normal standards. For our high-performance team, implementing special solutions is part and parcel of their daily agenda. With us you can realise even the most unusual of solutions.



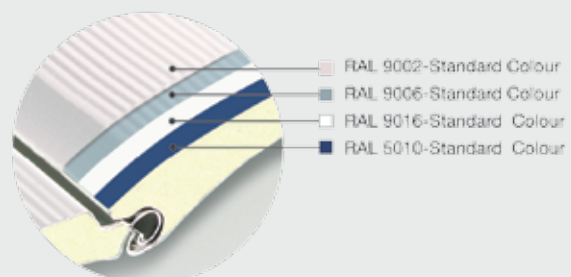
Decotherm CN “Full-Hard” Steel Rolling Shutter

Innovative profile technology

Hörmann has decisively improved its rolling shutters with the high-tech profile. A combination of a thoroughly optimised profile geometry with special steel alloys shows what is possible today in rolling shutter construction.



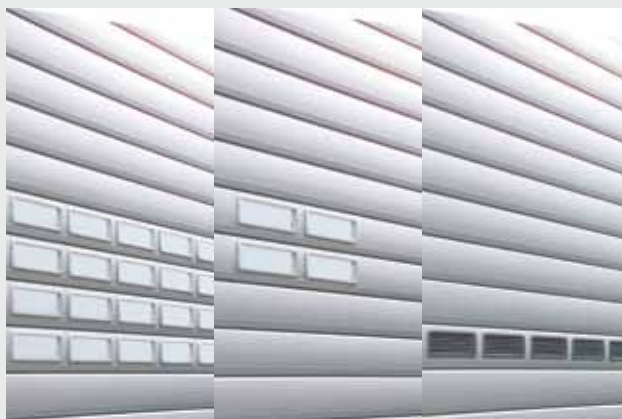
The concave interior and exterior surfaces of the profiles ensure extremely good roll-up action. Optimally designed hinges reduce heat loss and enable a connection between the curtain and barrel, without the usual pressure and wear marks.





Window elements

Decotherm CN can be equipped with window elements and ventilation grilles on request. Double-skinned window elements consist of transparent, impact-resistant polycarbonate with high-quality cover frames (similar to RAL 9006). The benefit of these frames: The PU foam is no longer visible, noise and abrasion are reduced.



Rectangular Logistics arrangement Ventilation grille

Technical data

Profile type	Decotherm CN
Material of curtain	Steel
Standard colours	RAL 9002/9006/9016/5010
Special colours	●
Profile height	109 mm
Curtain weight	approx. 10 kg/m ²
Wind load *	Class 2
Thermal insulation	3.8 W/m ² K
Windows	●
Ventilation grilles	●
Max. Width **	8000 mm
Max. Height **	7750 mm

* Up to a door width of 8000 mm
(The door will be equipped with wind lock when the door width >5000 mm)

** The max. area of rolling shutter is 40m²

● Optionally available



Impulse controls 445R (400V)

- Controls and door leaf components in protection class IP 65 (hose water protected) Connection with a CEE phasechanger plug corresponds to protection class IP 44
- External menu readout via an integral double 7-segment display
- Adjustments are no longer made at the motor but can be conveniently carried out from the control unit via digital limit switches
- Service menu with maintenance, cycles and operating hours counter as well as fault/error analysis
- Function blocking via miniature lock



1-channel receiver unit HEI 1



Hand transmitter HS 4 with 4 buttons



Push-button

For separate control of both operational directions, with separate STOP button. 66 x 145 x 68 mm (W x H x D)



Pull switch with plastic pull rope
Horizontal or vertical installation possible, aluminium die-cast housing IP 65, rope length 4 m.



Induction loop DI 2
in a separate additional housing. Suitable for two separate induction loops. Switching capacity: 250 V AC, 4A, 1000 VA Supplied with loop cable



Radar infrared presence detector
movement and presence detect function. Switch the door quickly and automatically. Protection category IP 65.

Decotherm CN

Controls, Accessories and Safety Features



Integral safety device in direct drive operators

The device offers especially good absorption, a large amount of power reserve and reliably prevents the door curtain from falling.



Secure barrel

Dimensioned in accordance with standards (deflection less than 1/500th of the support width). The fixed inner round plate reverts fatigue fractures developing on the weld seam or the rivets of the outer round plate.



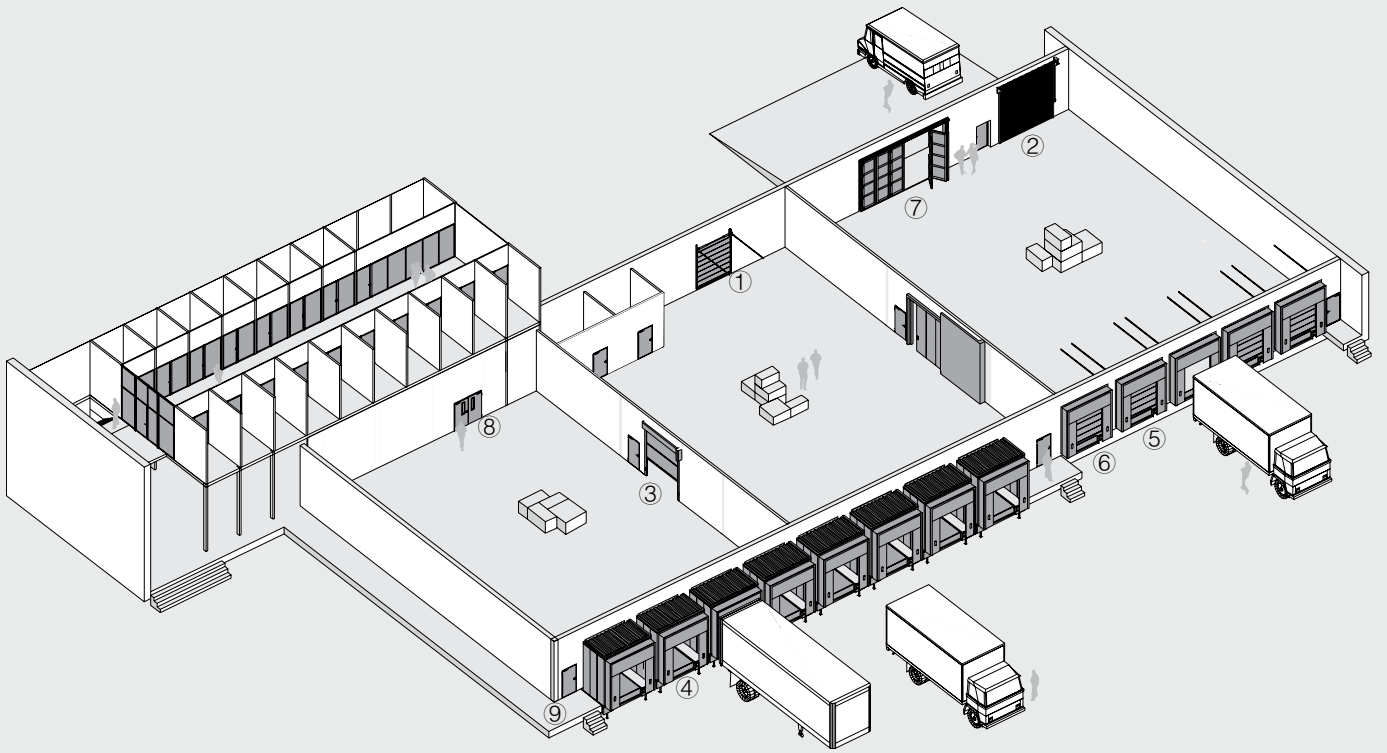
Side guides and wind locks

The articulated design of the wind locks enables the rolling shutter to withstand extreme wind pressure. Stable side guides are made of galvanised steel. With a brush seal for quiet travel and tightness.



Safety devices

Closing edge safety device, roll-up safety device and through-traffic photocell are self-testing before and during every shutter cycle. If a fault/malfunction is detected in just one of the units, the shutter's control system automatically switches to dead man's control.



Hörmann — Your Reliable Partner for Home and Industry



① Sectional Doors



② Rolling Shutters



③ High-speed Doors



④ Dock Levellers



⑤ Dock Shelters



⑥ Loading Houses



⑦ Folding Doors



⑧ Fire-rated Doors



⑨ Multipurpose Doors

Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



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Hörmann Alkmaar B.V., the Netherlands



Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon, Leetsdale PA, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialized factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, America and Asia makes Hörmann your strong partner for first-class building products, offering „Quality without Compromise“.

GARAGE DOORS

OPERATORS

INDUSTRIAL DOORS

LOADING EQUIPMENT

HINGED DOORS

DOOR FRAMES

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Some of the doors shown in this brochure have special features and therefore do not always represent the standard version.

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