



Industrial Rolling Shutters

Sturdy and reliable, solid and durable



*Hochwertige Qualität
Engineered in Germany*

HÖRMANN





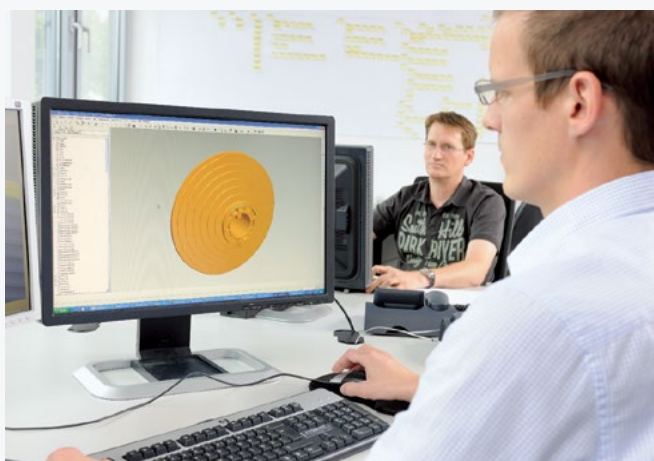
Door Types

CS Rolling Shutter Decotherm S	6-9
DD Rolling Shutter Decotherm S	10-15
Classic Rolling Shutter Decotherm S	16-19

Locks	20
Rolling Shutter Laths	21
Well Thought-out Operator Concept	22-23
Certified Safety of Hörmann Rolling Shutters	24-25
Accessories	26-27
Compatible System Solutions	28
Overview of Technical Specifications	29
Hörmann Product Range	30-31

Hörmann Brand Quality

Reliable and future-oriented



In-house product development

At Hörmann, innovation is produced in-house, good-skilled employees of the development department are in charge of product optimisation and new developments. All those contribute to market-ready, fine products that are very popular around the globe.



Modern manufacturing

Most of the essential door components, such as profiles, side guides, support brackets, fittings and control technology are developed and produced by Hörmann. This ensures good compatibility between the door, operator and control. The certified Quality Management System guarantees the good level of quality from development, through production to shipping.

This is Hörmann Products – German Quality.



As one of Europe's leading manufacturers of industrial doors, hinged doors, frames and operators, we are committed to high product and service quality. This is how we set standards on an international scale.

Our specialized factories develop and manufacture construction components that are characterised by good quality, functional safety and a long service life.

Our presence in the global economy's key regions makes us a strong, future-oriented partner for industrial and public construction projects.



It goes without saying that spare parts for doors, operators and controls are original Hörmann parts that come with a guaranteed availability of 10 years.



Competent advice

Experienced specialists within our customer-oriented sales organisation accompany you from the planning stage, through technical clarification up to the final building inspection. Complete working documentation, such as technical manuals, is not only available in printed form, but is always accessible and up-to-date at www.hoermann.com



Fast service

Our extensive service network means that we are always nearby and at your service around the clock. This is a major advantage in terms of inspections, maintenance and repairs.

CS Rolling Shutter Decotherm S

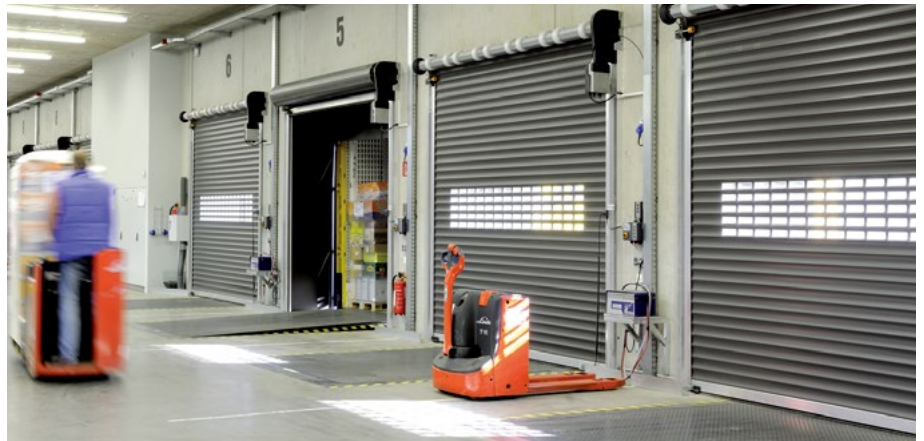
Ideal Choice for Comfort Operation



Warehouses

Easy operation as a manual rolling shutter with tension spring assembly. Simple retrofitting of the WA 300 R S4 operator.

Available for both manual operated and power driven doors
Size up to 5000 x 4500 mm



Logistics

The optimal solution for low to medium-traffic, as a manually operated door or with operator WA 300 R S4.



Agriculture

This robust, inexpensive solution with steel profiles is available for door widths up to 5000 mm.



Loading bay

CS door features a space-saving design and easy operation, it has good performance on thermal insulation and wind load resistance which can be easily installed in the loading house to achieve perfect solution for loading bay.

CS Rolling Shutter Decotherm S

Both manual-operated and power-driven doors are available



The front image shows a CS rolling shutter by manual operation; the variant with an optional operator WA 300 R S4 including cover is shown in the rear.

Tension spring assembly

For easy manual opening and closing

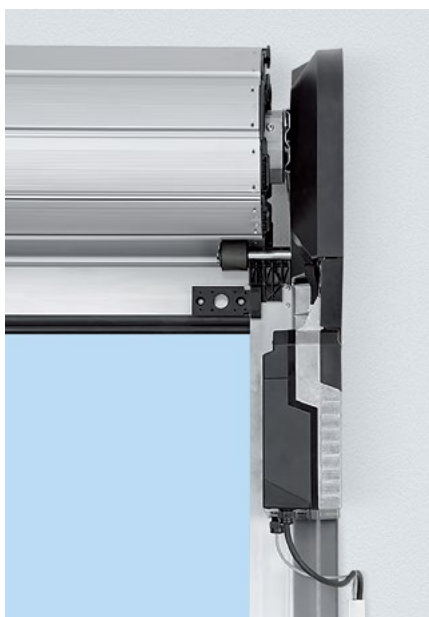


Tension spring assembly

The innovative tension spring assembly assists during manual opening and closing. Therefore rolling shutters can be operated with only little force.

Chain hoist

The CS rolling shutter can also be easily opened and closed via the interior and exterior handle. Operation is relatively easy with an optional chain hoist, which we recommend for doors higher than 3500 mm.



Faster fitting

The entire door construction, including support brackets and side guides, is fitted as a frame unit to the building structure. This makes fitting easier and shortens the fitting time. In addition, a smaller space requirement of only 165 mm facilitates fitting in a tighter space.

Plastic runners and brush seals in the aluminium side guides ensure quiet door travel.

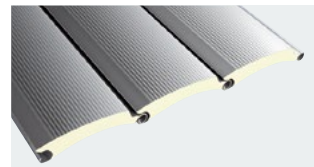


Optional cover

To prevent accidental reaching into the door barrel, doors under 2.5 m height require a shaft cover, in accordance with the requirements of EN 13241-1. This stable door and operator cover provides not only security, but also continuous protection against dust and dirt.

Curtain variants

Size range
(B × H, max.)



Decotherm S, steel

Max. size 5000 mm × 4500 mm

Standard colors

	
Grey white	RAL 9002
	
White aluminium	RAL 9006
	
Anthracite grey	RAL 7016

Windows



Standard version



Logistics version

Overview of curtains

From page 21

Operators and controls

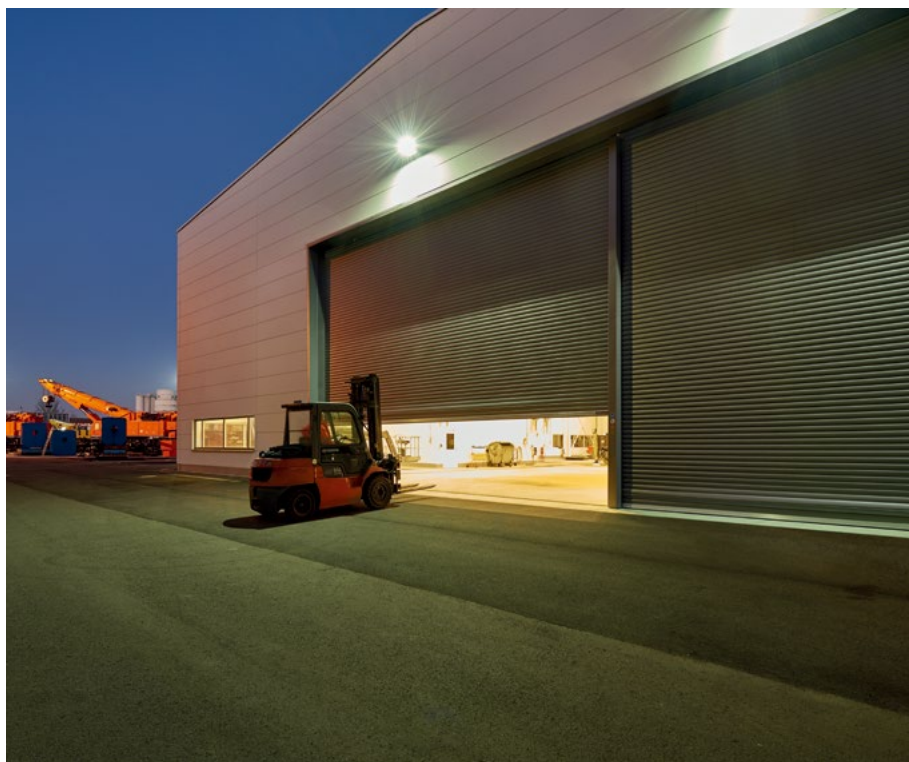
From page 22-23

DD rolling shutter Decotherm S

New innovative rolling shutter generation for large size openings



The **robust construction** is suitable for industry, trade and commerce.



The max. ordering width of DD rolling shutter is up to 11500 mm, the max. door area is up to 90 m².



DD rolling shutter is a good choice for warehouses thanks for the small fitting space required and less depth space occupied.

DD rolling shutter Decotherm S

Ideal solution for large size openings



Max. Door area 90 m²
Max. Door width 11500 mm, Max. Door height 9000 mm



Narrow aluminium side guide and compact support brackets

The side guides require a sideroom of only 80 mm for all door sizes. They are fitted quickly and easily directly to the building structure. For better handling during transport and fitting, the side guides are delivered as a 2-part version from a door height of 6000 mm. The support profiles made of aluminium form an elegant unit with side guides.

The support brackets only require a max. sideroom 180 mm on bearing side and a max. sideroom 280 mm on operator side.



Minimum wear guide channel

The standard guide channel with polyamide sliding surfaces reduces wear of the door curtain. In case of maintenance, the metal holder can be replaced in a very service-friendly way.

Easy fitting

The door construction is supplied as a ready-to-fit unit consisting of curtain, barrel and support bracket. The door components can easily be positioned on the building structure using the metre line and console template. Side guide markings ensure quick adjustment of the door's end-of-travel positions.

The stackable packaging units also optimise transport and logistics to the construction site.



Size limitation

Max. Door width 11500 mm
Max. Door height 9000 mm
Max. Door area 90 m²
Wind load resistance class 2 in acc. with DIN EN 12424

DD rolling shutter Decotherm S

Ideal solution for large size openings

Powerful operator and control system

DD rolling shutter doors are standard for advanced operator and control system, especially the powerful operator for medium and large size doors, make the door opening and closing very smooth and effortless.

Flexible fitting

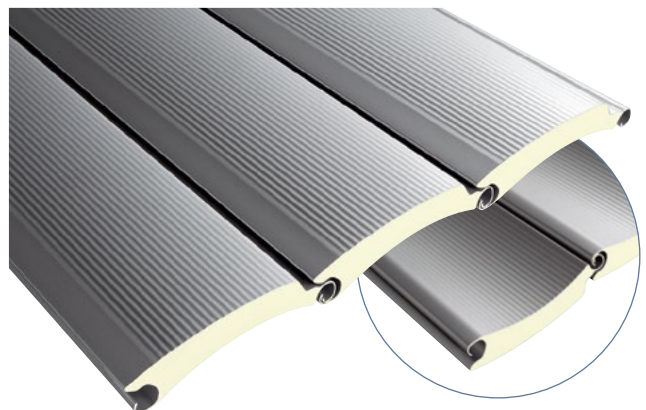
The DD roller shutter door features a straightforward structure, the fitting position of the operator can be freely selected during fitting and thus optimally adapted to the respective fitting situation on-site.

Decotherm S steel profile

Hörmann has decisively improved its rolling shutters with this high-tech profile. A combination of a thoroughly optimised profile geometry with fine steel alloys shows what is possible today in rolling shutter construction. This fine “full hard” steel makes these profiles especially resistant to damage caused by transport, fitting and operation.

Decotherm S Standard colors

	
Gray white	RAL 9002
	
White aluminium	RAL 9006
	
Anthracite grey	RAL 7016



Interior side



Operator and control system developed and manufactured by Hörmann



Standard direct drive operator

- Powerful direct drive operator with absolute encoder (AWG) for a reliable door operation
- Integrated position-independent catch safety device prevents the door curtain from falling
- Variable operator fitting
 - 1 Towards bottom
 - 2 Horizontal
 - 3 Towards top
- With the horizontal or upward alignment, no operator technology is visible underneath the barrel



Curtain and operator cover

- Curtain and operator cover are optionally available to meet customer requirement.
- Protection of the door barrel from dirt and adverse effects of the weather can be achieved.
- Made of galvanized sheet steel and can be fitted quickly and easily.



W4 wind-load resistance reinforce component

New

You can choose W4 wind load resistance reinforce component according to your needs. With this component, DD rolling shutter can achieve wind load resistance up to class 4 in accordance with European standard!

The entire component includes special designed windproof hooks, reinforced aluminum door frame, and specialized installation fasteners.

For DD rolling shutter with optional W4 wind load resistance components:

- Wind load resistance is up to class 4 for the door ordering width up to 8500 mm;
- Wind load resistance is up to class 3 for the door ordering width within 8500 - 10000 mm.

Classic Rolling Shutter Decotherm S

Individual solutions for door openings



Ideal solution for large opening width up to 8000 mm



Disposal firms

Robust construction for hard environment.



Industrial project

Good choice for workshop with big opening size.



Commercial warehouse

Good thermal insulation and easy to fit.

Classic Rolling Shutter Decotherm S

Sturdy and reliable





Elegant concave surfaces

The concave interior and exterior surfaces of the profiles ensure the good roll-up action so that less fitting space required. Well designed hinges enable a connection between the curtain and barrel without the usual pressure and wear marks.



Window elements

CS/DD/classic rolling shutters can be equipped with window elements. Double-skinned window elements consist of transparent, impact-resistant polycarbonate glass with high-strength PVC glazing frame (similar to RAL9006), which has good transparency, good sound insulation, and is not easily worn.

Available for multiple layers of full row windows to maximize lighting and visibility, or two windows on adjacent layers of laths on each side as observation windows for logistics application.



Standard with closing edge safety device

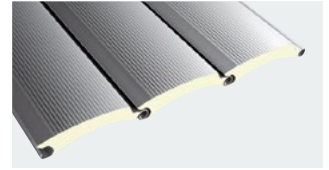
The standard safety device provides you with more security. The sensors in the bottom rubber sealing monitor the bottom edge of the door and as a result, obstructions and persons are quickly detected and the door starts to reverse as soon as it makes contact.



Side guides and wind locks

The articulated design of the wind locks enables the rolling shutter to withstand extreme wind pressure. Plastic runners with integrated brush seals ensure quiet door travel.

Size range



Decotherm S, steel

Max. width 8000 mm

Max. height 7750 mm

Max. door area 40 m²

Standard colors



Grey white RAL 9002



White aluminium RAL 9006



Anthracite grey RAL 7016

Windows



Standard arrangement



Logistics arrangement

Impossible to force open!

Increase the security of your property



External view



Internal view



Lockable bottom profile with profile cylinder

Lockable bottom profile ABP1: can be locked/unlocked by key from interior side.

Lockable bottom profile ABP2: can be locked/unlocked by key from both interior and exterior sides.

Available for CS/DD rolling shutters.

Shootbolt

Shootbolt can be fitted on the interior left/right ends of the bottom profile.

Available for CS rolling shutters.

Shootbolt with limit switch

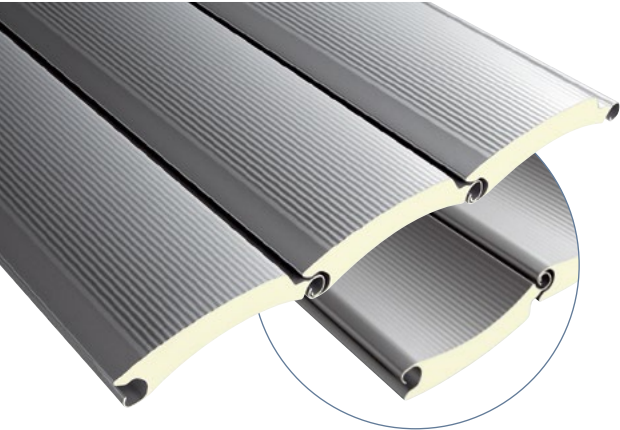
The shootbolt can be fitted to the right or left of the side guide, can also be secured with a padlock if you want. It is standard with limit switch protection in case of damage or mistake operation.

Available for DD rolling shutters.

Rolling Shutter Laths

Ensure the safety and durability of doors

Double-skinned and thermally insulated



Decotherm S, thermal insulated steel profile

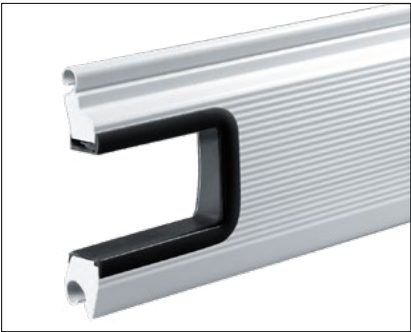
Hörmann has decisively improved its rolling shutters with this high-tech profile. A combination of a thoroughly optimised profile geometry with special steel alloys shows what is possible today in rolling shutter construction. Special “full hard” steel makes these profiles especially resistant to damage caused by transport, fitting and operation.

Profile type	Decotherm S
Material	Steel
Surfaces colour coating	Exterior and interior with identical colour coating
Standard colours	RAL 9002/9006/7016
Profile height	109 mm
Curtain weight	Approx. 10.3 kg/m ²
Wind load class 2 up to a door width of	11500 mm
Heat transmission EN 12428 (single profile)	3.9 W/(m ² ·K)
Door type available	CS/DD/Classic rolling shutters
Windows (with double pane polycarbonate glass)	☐
Windows (hollow for ventilation)	☐
Windows (with ventilation grille)	☐

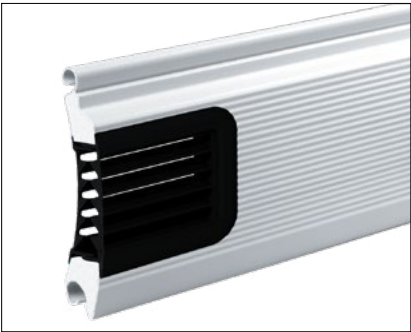
☐ Optionally available



Window (with double pane polycarbonate glass)
Size: 150 × 55 mm



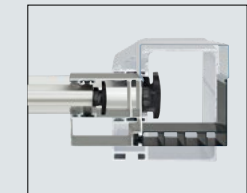
Window (hollow for ventilation)
Size: 150 × 55 mm



Window (with ventilation grille)
Size: 150 × 55 mm

High strength structural design for high security and wind load resistance

All roller shutters from Hörmann, including CS, DD and Classic, have high strength structural designs along the side end of the curtain and door frames for high security and wind load resistance. Each door type has its own type of curtain end cap which perfectly match the frame in order to achieve ideal performances.



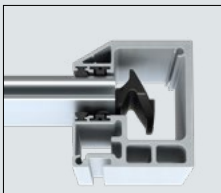
CS rolling shutter
Standard for integrated end cap with plastic wind locks.



DD rolling shutter
Standard for integrated end cap with plastic wind locks (for ordering width up to 7500 mm and height up to 5000 mm).



DD rolling shutter
Standard for end cap with steel wind locks (for ordering width over 7500 mm or height over 5000 mm).



DD rolling shutter New
New option of W4 wind load resistance reinforce component (available for all sizes, see page 15 for detail)



Classic rolling shutter
Standard for end cap with steel wind locks (for ordering width over 5000 mm or small sizes but need high wind load performance)

Well thought-out operator concept

For CS rolling shutters



Soft start and soft stop

The WA 300 R S4 operator's standard soft start and soft stop functions ensure quiet door travel, reducing wear on the door and operator.

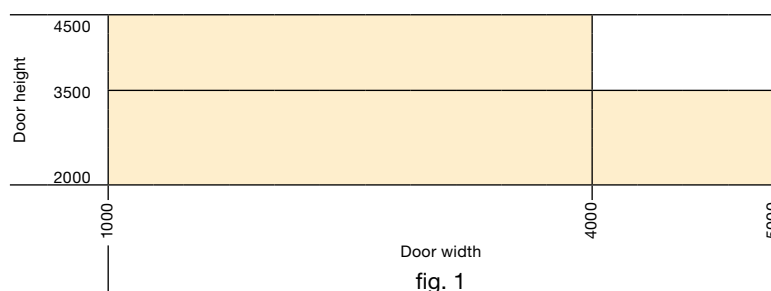
Power limit as standard

Thanks to the standard power limit in the "Open" and "Close" directions, the CS rolling shutter features good safety during opening and closing processes. In addition, for most door sizes (see the yellow area of fig. 1), do not require the installation of a closing edge safety device to meet the requirements of DIN EN 12453. Operator fitting is relatively easy, since no components need to be fitted on the curtain. The low amount of effort required for fitting, repair and other services provides additional savings.



Impulse operation without closing edge safety device

Size range for CS rolling shutters:



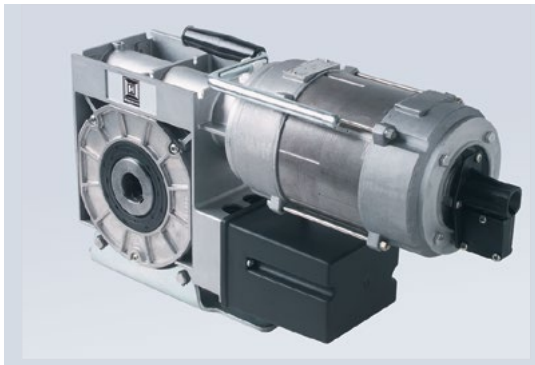
Release directly on the operator as standard

With the integrated maintenance release, the door can be switched to manual operation. This allows the door to remain fully functional, even in the event of a power failure. The release **1** can be converted to a secured release **2** so that the operator can be disengaged conveniently from the floor.



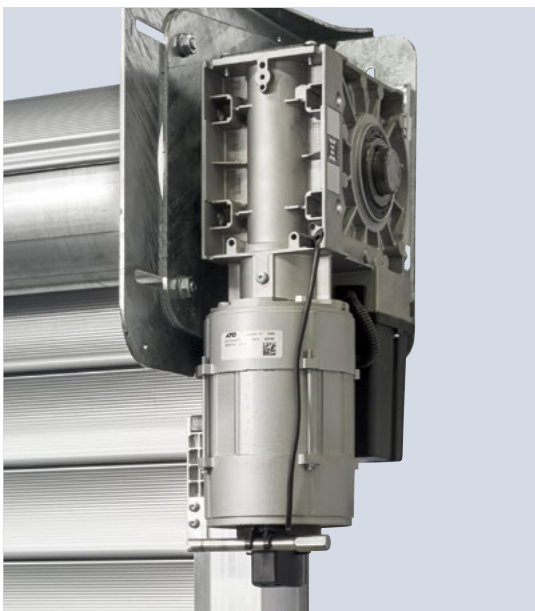
Well thought-out operator concept

For DD, Classic rolling shutters



Direct drive operator for Classic rolling shutter

Standard operator for Classic rolling shutter.
Equipped with integral catch safety device.



Direct drive operator for DD rolling shutter

Ideal operator for DD rolling shutter.
Equipped with integral catch safety device.



Direct drive operator K50, a new option for DD rolling shutter

Standard for external anti-falling safety device on operator side.
Standard for emergency hand chain.
Only 570 mm side room required on operator side.

Safety features according to European standard 13241-1 Hörmann products are tested and certified for:

- **Anti-fall safeguard**
- **Trap protection**
- **Trap guard**

Hörmann rolling shutters work safely during various opening and closing phases -- whether manually-operated or power-driven. In doors with an impulse control, the specified dynamic closing forces are reliably maintained through monitoring systems with an integrated self-test function.

At Hörmann, the door and operator are well matched to each other, tested by TÜV for your safety and in compliance with the relevant standards.

It pays to compare!

Anti-fall safeguard



Integral catch safety device in direct drive operators

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

For the CS rolling shutter, the doubly secured tension spring assembly prevents the door from falling.

Trap protection and trap guard



Trap protection

Black plastic strips on the edges of the side guide protect against cuts, ensuring smooth operation of the curtain and improve sealing performance.



Curtain cover

The optional curtain cover prevents operators from reaching into the hazard area of the door curtain in accordance with the EN 13241-1 requirements.



Safety equipment

Closing edge safety device with through-traffic photocell are self-testing before and during every shutter cycle. If a malfunction is detected in just one of the units, the shutter's control system automatically switches to press-and-hold operation.

Applied for CS/DD/Classic rolling shutters.

Safety requirements

Please note the mandatory annual inspection for all power-driven doors.

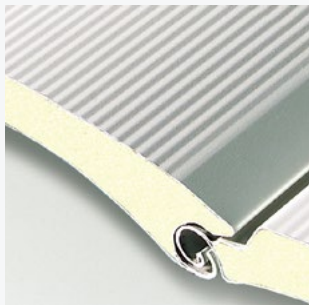
Well Thought-out Designs with Convincing Performance Properties

**Performance characteristics according to European standard 13241-1
Hörmann products are tested and certified for:**

- **Thermal insulation**
- **Acoustic insulation**
- **Sealing**
- **Wind load resistance**

Thanks to innovations and continuous further developments, rolling shutter construction at Hörmann has been ahead of its time for years. Performance criteria in accordance with European standards have been integrated into these developments with convincing results.

Thermal insulation and acoustic insulation



Decotherm S lath



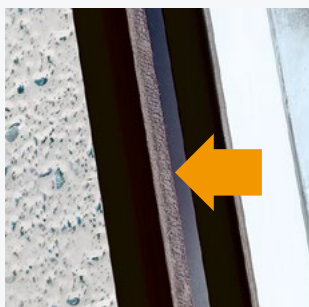
Thermal insulation

Minimal thermal bridges and use of fine-pored PU rigid foam infill ensure good thermal insulation in all double-skinned door profiles compared with other rolling shutters.

Acoustic insulation

Curtain and sealing technology used around the entire shutter reduce noise from both outside and inside.

Sealing

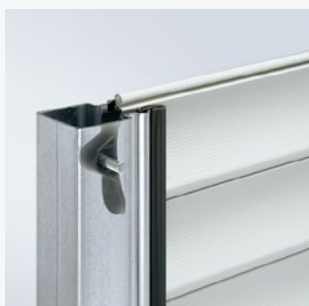


Bristle seal



Double-skinned classic rolling shutters provide an all-around tight fit. A frostproof flexible lip seal is situated along the bottom edge. A flock-coated special lintel seal and bristle seals down the side guides provide added sealing.

Stability



Classic rolling shutter Decotherm S with steel wind lock



Robust wink locks and deflection resistant bottom profiles enable your door to withstand high wind loads.

Accessories



**4-button
hand transmitter
HS 4 BS**

Applied for CS/DD/Classic
rolling shutters



**1-button
hand transmitter
HS 1 BS**

Applied for CS/DD/Classic
rolling shutters



**4-button
hand transmitter
HSE 4 BS**

Applied for CS/DD/Classic
rolling shutters



**2-channel
receiver
HEI 3 BS**

Applied for CS/DD/Classic
rolling shutters



**1-channel relay receiver
HER 1 BS**
with potential-free relay output
in a separate housing without
connection cable

Applied for CS/DD/Classic
rolling shutters



**4-channel relay receiver
HER 4 BS**
With 4 volt-free relay outputs

Applied for CS/DD/Classic
rolling shutters



**4-channel receiver
HER4 868 BS ECO**
With 4 volt-free relay outputs

Applied for CS/DD/Classic
rolling shutters



Push button DTH R
For separate control of both
operational directions, with
separate stop button.
Protection category: IP 65
Dimensions:
90 x 160 x 55 mm (W x H x D)

Applied for CS/DD/Classic
rolling shutters



Push button DTH RM
For separate control of both operational
directions, with separate stop button.
With miniature lock: Operator is
deactivated. It is not possible to actuate
the operator (2 keys included in
the scope of delivery).
Protection category: IP 65
Dimensions:
90 x 160 x 55 mm (W x H x D)

Applied for CS/DD/Classic
rolling shutters



Key switch with 3 keys
Surface-mounted version **STAP 50**
Dimensions:
80 x 80 x 63 mm (W x H x D)
Protection category: IP 54

Recessed version **STUP 50** (not show)
Protection category: IP 54
Dimensions:
80 x 80 mm (W x H)

Applied for CS/DD/Classic
rolling shutters



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

available for cantilever arm adjustable
from 1678 to 3078 mm

Applied for CS/DD/Classic
rolling shutters

Accessories



Induction loop DI 2 - MD in a separate additional housing

Suitable for two separate induction loops. The detector has two volt-free normally open contacts. Can be set for impulse or permanent contact. Directional recognition possible.

Dimensions of additional housing:

202 × 164 × 130 mm (W × H × D)

Supplied with loop cable

Applied for DD/Classic rolling shutters

One-way photocell EL 51

Photocell with separate transmitter and receiver. The photocell is tested by the control prior to each closing cycle. Connected via a system cable. Max. range 8 m

Dimensions with fitting bracket:

60 × 165 × 43 mm (W × H × D)

Protection category: IP 65

Applied for DD/Classic rolling shutters

Microwave radar type F

Detecting movement by microwaves, automatic door opening can be quickly and accurately achieved, with a maximum installation height of 7 meters.

The speed of passing vehicles should be controlled within 20 km/h.

Protection category: IP 65

Applied for DD/Classic rolling shutters



Comfort radar / presence detector

Radar movement and presence detection with infrared detection. Fast and targeted automatic door opening. Reliable advance protection. Up to max. 6 m height.

In areas with high levels of humidity and in outside areas, only the radar function is available.

Housing protection category IP 65.

Applied for DD/Classic rolling shutters

UAP 1-300 Multi functional expansion junction box

Applied for WA300 operator, with integrated pulse selection, partial activation, limit switch status feedback functions and a signal light trigger kit equipped with a 2-meter system cable.

Dimension: 150 × 70 × 52 mm (W × H × D);

Protection category: IP 65

Applied for CS rolling shutters

Red/green traffic light

In steel housing With fitting bracket, IP 65

Multifunctional circuit board required

Applied for CS/DD/Classic rolling shutters

Yellow warning light

Yellow, in plastic housing, IP 54

Applied for CS/DD/Classic rolling shutters

Compatible system solutions

Controls for CS, DD and Classic rolling shutters



Operators	Internal control (open the door via push button)	External control 360	Impulse control 445 R	Comfort control 460 R	Impulse control 450 R
WA 300 R S4 for CS rolling shutter	●	○			
Direct drive operator for DD/classic rolling shutters			●	○	
Direct drive operator K50, optional for DD rolling shutters					●
Functions / features					
Control in separate housing		●	●	●	●
Adjustments made conveniently directly on the control		●	●	●	●
Soft start and soft stop for quiet door travel	●	●			
Power limit in "Open"/"Close" directions ²⁾	●	●			
Second opening height button on the housing cover	○	●		●	
Status and error display via LED	●				
Menu reading with a double 7-segment display (maintenance, cycle and operating hours counters as well as error analysis)		●	●	●	●
On-site malfunction signal display (via alarm, signal light)		○	○	○	
Extension possible with external radio receiver	●	●	●	●	
Automatic timer ¹⁾	●	●		●	●
Traffic control ¹⁾		○		○	
Integrated connecting terminals for additional command units	●	●	●	●	●
Function lock via miniature lock	○	● ³⁾	● ³⁾	● ³⁾	● ³⁾
With SKS closing edge safety device	○	○	●	●	●
Without SKS closing edge safety device	●	●			
Standard for DTH-R push button	●				
Power supply	230 V	230 V	400 / 230 V	400 / 230 V	400 V
Main switch integrated into control housing		○	○	○	
Protection category for controls and door leaf components	IP 65	IP 65	IP 65	IP 65	IP 54

● Standard

○ Optional

- 1) Only in combination with an activating kit for warning light and photocell or light grille.
- 2) In the "Close" direction, the power limit is only possible in the indicated curtain variants and size ranges.
- 3) Convertible to profile half cylinder.



**Optional
Profile half cylinder**



**Optional
Main switch**

Overview of Technical Specifications

Construction and quality features

		CS rolling shutter Decotherm S	Classic rolling shutter Decotherm S	DD rolling shutter Decotherm S
Wind load EN 12424	Class 2 up to door width in mm	5000	8000	11500
	Higher wind loads on request	–	–	○
	Wind lock	●	●	○
Water tightness	EN 12425	0	0	0
Thermal insulation	Appendix B EN 12428 Individual shutter section ($U = W / (m^2 \cdot K)$)	3.9	3.9	3.9
	Shutter 4 m × 4 m, fitted ($U = W / (m^2 \cdot K)$)	4.1	4.1	4.2
Acoustic rating	Shutter 3.5 × 2 m, fitted ($R_w = dB$)	18	18	18
Door sizes	Max. width (LZ) mm	5000	8000	11500
	Max. height (RM) mm	4500	7750	9000
Space requirements	See the technical manual			
Curtain material	Double-skinned steel	●	●	●
Curtain surface	Galvanized steel coated in RAL 9002, RAL 9006, RAL 7016	●	●	●
Own weight of curtain	Approx. kg/m ²	10.3	10.3	10.3
Glazing	Rectangular window	○	○	○
	Logistics arrangement	○	○	○
Seals	All-round on 4 sides	○	●	●
Locking systems	Internal locking	○	–	○
	External / internal locking	○	–	○
Safety equipment	Finger trap protection	●	●	●
	Side trap guards	●	●	●
	Safety catch	●	●	●
Fastening options	Concrete	●	●	●
	Steel	●	●	●
	Brickwork	●	●	●
	Timber	●	●	●

- Standard
- Optional
- Not available

Hörmann Product Range

Everything from a single source





Quick service with testing,
maintenance and repairs!



- 1** Industrial sectional doors SPU F42
- 2** Large size industrial sectional doors SPU F42 XL
- 3** Insulated industrial sectional doors SPU 67 Thermo
- 4** Steel rolling shutters CS Decotherm S
- 5** Large size steel rolling shutters DD Decotherm S
- 6** Flexible high-speed doors V6030 SEL
- 7** Insulated flexible high-speed doors V4015 Cold
- 8** Insulated doors for cold store ISO Speed Cold 100 H
- 9** Insulated doors for cold store ISO Speed Cold 100 V
- 10** Hydraulic dock leveller with hinged lip HLS
- 11** Hydraulic dock leveller with telescopic lip HTL-2-P
- 12** Flap dock shelters DSL
- 13** Inflatable dock seals DAS-3
- 14** Loading houses LHP
- 15** Multi-purpose doors HMS

霍曼：品质保障



霍曼阿姆斯豪森公司 (德国)



霍曼驱动技术公司 (德国)



霍曼布兰蒂斯公司 (德国)



霍曼布鲁克哈根公司 (德国)



霍曼蒂森公司 (德国)



霍曼艾克尔豪森公司 (德国)



霍曼弗莱森公司 (德国)



霍曼伊希特斯豪森公司 (德国)



霍曼阿克玛公司 (荷兰)



霍曼雷克尼卡公司 (波兰)



霍曼伊利诺伊州蒙哥马利公司 (美国)



霍曼弗莱克森公司 (美国)



霍曼北京公司 (中国)



霍曼天津公司 (中国)



霍曼常熟公司 (中国)



霍曼沙克蒂公司 (印度)

霍曼集团是国际门类制造业中一家可以提供门及门控产品的制造商。我们所有的工厂都采用先进的生产工艺和技术生产优良的产品。

霍曼的生产、销售和服务网络遍布欧洲、亚洲和美洲。作为您强有力的合作伙伴，霍曼为不同建筑提供多种门类产品的解决方案。

- 车库门
- 电控系统
- 平开门
- 玻璃隔断
- 工业门
- 装卸货设备

www.hoermann.cn

