



## New Range of High-Speed Doors





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# Hörmann Brand Quality

Future-oriented and reliable



## High-speed progress

Highly-qualified technicians are constantly working on further developing and improving our products in order to meet the demands of the market. This results in economic high-speed door designs of the highest standard.



## Precise production

Innovative production processes that have been matched perfectly with each other are a guarantee for steadily increasing product quality. An example: the modern hot air welding system that enables a precise and automated welding of the door curtains.



As Europe's leading manufacturer of 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.

Highly-specialised factories develop and manufacture construction components that feature top 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.



**Certified safety**  
Hörmann high-speed doors are manufactured in line with stringent European standards and are, of course, certified.



It goes without saying that spare parts for doors, operators and controls are 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.



### Efficient service

Our extensive service network means that we are never far away which is a major advantage in terms of inspections, maintenance and repairs.

# Sustainable Production

## For future-oriented construction



### **Sustainably produced: Hörmann's high-speed doors**

#### **Ecological quality**

Environmentally-friendly production through a comprehensive energy management system

#### **Economical quality**

A long service life and low maintenance costs thanks to the use of high-quality materials

#### **Process quality**

Resource-conserving production processes through optimised material use

### **Sustainable construction with Hörmann's expertise**

Hörmann has been able to gain great expertise in sustainable construction through various projects. We also apply this know-how to support your projects. Another advantage: For every project order, the required data for LEED certification are automatically generated.



# Flexible High-Speed Doors

Internal and external doors





## Benefits

Flexible high-speed doors speed up workflows and reduce energy costs. They feature safe door operation and a long service life thanks to standard equipment with an FU control, safety light grille and SoftEdge bottom profile. In fact, they offer even more benefits: flexible high-speed doors are low-maintenance, easy to fit, cost-efficient and therefore economical for daily use.

## Solution for interior use

Thanks to the high opening and closing speeds, heat losses on the door as well as draughts at the workplace are noticeably reduced resulting in less work absences due to illness.

## Solution for external use

Flexible high-speed doors help you effectively reduce your energy losses even for external door openings, as well as draughts on the doors. External doors can withstand even high wind loads without any problems.

## Individual solutions

Various demands require individual door solutions. Based on our expert know-how, we develop customer-specific solutions for special application areas such as conveyor systems, the food industry, clean rooms, cooling zones or for machine safety.



# Good Reasons to Try Hörmann

## Quality features of the flexible high-speed doors



# 1

## Safety as standard

### Non-contact safety

Safety light grilles integrated into the side assemblies monitor the closing zone of the door leaf up to a height of 2500 mm. The safety light grilles ensure compliance with safety requirements in accordance with DIN EN 13241-1. It pays to compare! This does away with the need for additional installations on the door (e.g. closing edge safety device, photocell). Profit from this high level of safety with a high-speed door that is exceptionally easy to fit and service.



# 2

## Optimised operations

### Long service life and high efficiency as standard

The frequency converter control takes stress off the entire door mechanism, guaranteeing nearly wear-free, quiet door travel. High opening and closing speeds optimise your operations and reduce heat losses. In addition, it relieves the entire door mechanism through the smooth starting and braking action. As a result, the service life of your door is considerably increased.

**Innovative gate technology**  
**Particularly easy to fit and service**  
**as standard**



# 3

## Practical solutions

### No downtimes resulting from a crash thanks to the SoftEdge bottom profile

The innovative SoftEdge door technology prevents damage and resulting downtimes of the door system. Extensive repairs, such as those with rigid door profiles, usually do not become necessary. SoftEdge ensures trouble-free operation and production processes.

# 4

## Innovative details

### Radio crash switch

The radio crash switch is concealed in the SoftEdge bottom profile. If the bottom profile is pushed out of the side guides by a crash, the radio crash switch transmits a signal to the control and **the door is stopped immediately**, fulfilling the requirements of DIN EN 13241-1. It pays to compare!

# Flexible High-Speed Doors

Internal door V4015 Alu-R with innovative tubular drive and aluminium side elements



## Door type V 4015 Alu-R

For Clean room & Pharma applications

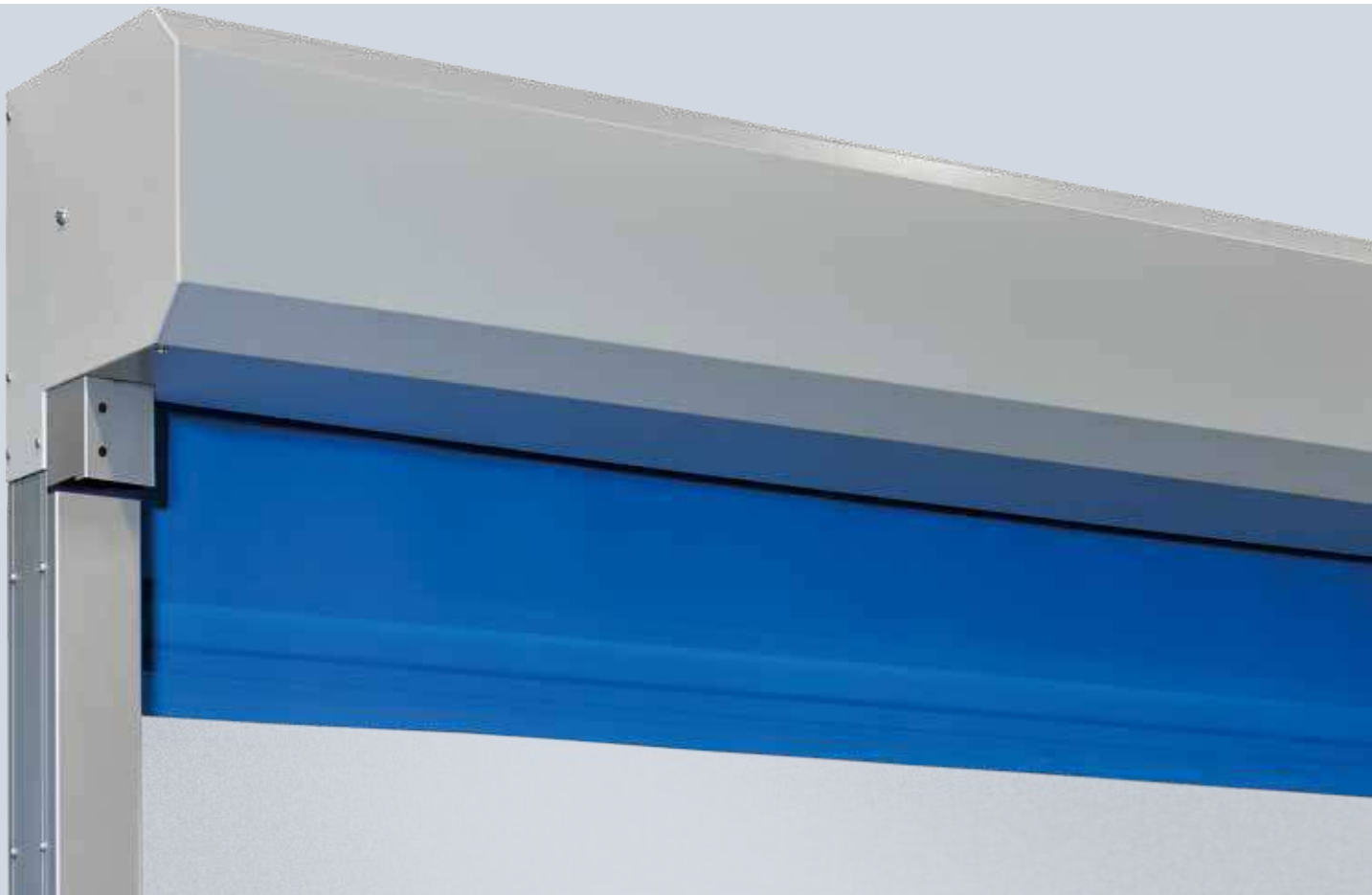
Compact high speed door with innovative tubular drive, ideal for fitting situations in tight spaces.

**Compact design**

The elegant, narrow aluminium side elements only require a low sideroom of 145 mm. The door curtain is particularly well sealed thanks to the very small gap dimension and lip seals.

**Easy to fit and service**

The standard shaft cover is divided and can also be easily opened in the lintel area with limited space. The connection cables for the control are guided out of the frame via a variable output (top or side).



# Flexible High-Speed Doors

## Internal door V 4015 Alu-R with innovative tubular drive and aluminium side elements

### Door type V 4015 Alu-R

Thanks to the anodised aluminium surface finish of the side elements and top plates, the standard shaft cover in White aluminium RAL 9006, the integrated wiring and few visible screw fittings, the door is very elegant and can also be used in the customer sector. The door is equipped with light grille and Aluminium profile for a high level of security and cost-effectiveness.

The light grille stops the door immediately if a person or vehicle is in the door opening.

You can also optionally obtain the V 4015 Alu-R with aluminium bottom profile for wind class 1 (DIN EN 12424).

The small gap dimension of the side elements and the lip seals also ensure very good door sealing. The high-speed door is particularly suitable for narrow fitting situations in high frequency areas thanks to the narrow side elements and the powerful tubular drive.

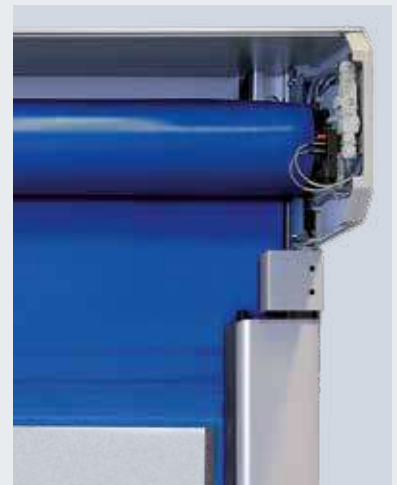
If the control has to be fitted in the top section due to space limitations, an optional control element can be elegantly integrated into the side frame. The control element allows for the operation of all control functions such as opening and closing as well as service settings.



**Curtain stability**  
Thanks to stabilising spring steel wind lock



**High tightness**  
Due to a small frame gap dimension and lip seals



**Powerful**  
With tubular drive for up to 700000 door cycles in high use areas

## V 4015 ALU-R

### with aluminium bottom profile

#### Features

<b>Door type</b>	V 4015 Alu-R
<b>Suitable application</b>	Interior/ External
<b>Size range</b>	
Max. width (mm)	4000
Max. height (mm)	4000
<b>Speed with control</b>	BK 150 FU E-1
Max. opening (m/s)	1.5
Closing approx. (m/s)	0.8
<b>Curtain</b>	UPVC, with spring steel wind locks and lateral twin rollers
Thickness	1.5 mm
Weight	1700 g/m <sup>2</sup>
Resistance to tearing	DIN 53 354 4000 N/5 cm
Resistance to tear propagation	DIN 53 363 600 N
Temperature resistance	-30°C/+70°C
Burning behavior	DIN 75 200 100 mm/min
Vision panel thickness (mm)	2.0

<b>Air Permeability</b>	8 m <sup>3</sup> /m <sup>2</sup> h at 10 Pa
	11 m <sup>3</sup> /m <sup>2</sup> h at 20 Pa
	13 m <sup>3</sup> /m <sup>2</sup> h at 30 Pa
	25 m <sup>3</sup> /m <sup>2</sup> h at 50 Pa

#### Curtain colours

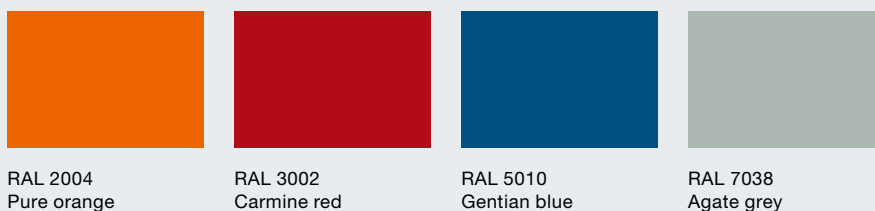
RAL 2004 Pure orange	●
RAL 3002 Carmine red	●
RAL 5010 Gentian blue	●
RAL 7038 Agate grey	●

#### Emergency opening

Automatic door opening via UPS  in case of power failure (Client Scope)

● = Standard    ○ = Optional    All colours based on RAL.

#### Curtain colours





#### **Door type V 5015 SEL**

The proven door for draught-free areas: the aluminium profiles allow the curtain segments to be quickly and inexpensively replaced in case of repair.

#### **Door type V 4010 SEL**

For a height up to 4000 mm, you can optionally receive the door with vision panel for better visual contact during forklift traffic and thus greater safety. **// NEW**



# Flexible High-Speed Doors

## Internal doors with SoftEdge and anti-crash

### Door type V 4010 SEL

Providing and fixing of High speed roll up door fabric curtain with vision fields and soft edge self-supporting door construction, suitable for internal use, resistance to wind load in acc. with EN12424 class 0

### Door type V 5015 SEL

The inexpensive internal door for areas without draught comes with safety functions such as SoftEdge and light grilles as standard. The aluminium wind lock also makes the door particularly service-friendly, since curtain segments can be quickly replaced if repairs are necessary.



**V 5015 SEL / V 4010 SEL**

Curtain stability with aluminium profiles



## Features

Door type	V 4010 SEL	V 5015 SEL
<b>Suitable application</b>	Interior	Interior
<b>Size range</b>		
Max. width (mm)	4000	5000
Max. height (mm)	4000	5000
<b>Speed with control</b>	BK 150 FU E-1	BK 150 FU E-1
Max. opening (m/s)	1.0	1.5
Closing approx. (m/s)	0.8	0.8
<b>Curtain</b>	UPVC, aluminium profile	UPVC, aluminium profile
Thickness	1.5 mm	1.5 mm
Weight	1700 g/m <sup>2</sup>	1700 g/m <sup>2</sup>
Resistance to tearing	DIN 53 354 4000 N/5 cm	
Resistance to tear propagation	DIN 53 363 600 N	DIN 53 363 600 N
Temperature resistance	-30°C/+70°C	-30°C/+70°C
Burning behavior	DIN 75 200 100 mm/min	DIN 75 200 100 mm/min
Vision panel thickness (mm)	2.0	2.0
Temperature range	+5° C to +40° C	+5° C to +40° C
Fabric thickness (mm)	1.5	1.5
Vision panel thickness (mm)	2.0	2.0
<b>Curtain colours</b>		
RAL 2004 Pure orange	●	●
RAL 3002 Carmine red	●	●
RAL 5010 Gentian blue	●	●
RAL 7038 Agate grey	●	●
<b>Emergency opening</b>		
Emergency crank handle	●	●
Emergency hand chain	○	○
Automatic door opening via UPS in case of power failure	○	○

● = Standard ○ = Optional

All colours based on RAL.

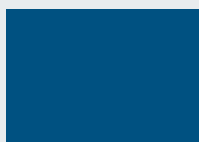
## Curtain colours



RAL 2004  
Pure orange



RAL 3002  
Carmine red



RAL 5010  
Gentian blue



RAL 7038  
Agate grey

# Flexible High-Speed Doors

Internal and external doors



## Door type V 6030 SEL

The particularly robust SoftEdge profile is specifically designed for outside use.

# Flexible High-Speed Doors

## Internal and external doors

### Door type V 6030 SEL

When the SoftEdge door is used outside, collision damage in everyday work generally does not have any serious effects. Pull and wind loads up to 100 km/h do not pose problems thanks to the spring steel wind lock. You can also optionally obtain the V 6030 SEL with aluminium bottom profile.



**V 6030 SEL**  
Stabilising spring steel wind lock



**V 6030 SEL**  
Tensioning system for reliable door travel

**For external doors we recommend using a wind monitor**

## Features

<b>Door type</b>	<b>V 6030 SEL</b>
<b>Suitable application</b>	Interior / exterior
<b>Size range</b>	
Max. width (mm)	5000
Max. height (mm)	6000
<b>Speed with control</b>	BK 150 FU E-1
Max. opening (m/s)	2.0
Closing approx. (m/s)	0.8
<b>Resistance to wind load (EN 12424)</b>	
Door width ≤ 4000 mm	Class 2
Door width > 4000 mm ≤ 5000 mm	Class 2
Door width > 5000 mm	
<b>Curtain</b>	UPVC, with spring steel wind locks and lateral twin rollers
Thickness	1.5 mm
Weight	1700 g/m <sup>2</sup>
Resistance to tearing	DIN 53 354
Resistance to tear propagation	DIN 53 363 600 N
Burning behavior	DIN 75 200 100 mm/min
Vision panel thickness (mm)	2.0
<b>Curtain colours</b>	
RAL 2004 Pure orange	●
RAL 3002 Carmine red	●
RAL 5010 Gentian blue	●
RAL 7038 Agate grey	●
<b>Emergency opening</b>	
Emergency crank handle	●
Emergency hand chain	○
Automatic door opening via UPS in case of power failure	○

● = Standard ○ = Optional

W = Wind lock strips G = Optional fabric colour.

All colours based on RAL

<sup>1)</sup> Up to 95 kg; <sup>2)</sup> From 95 kg; <sup>3)</sup> Up to 200 kg; <sup>4)</sup> From 200 kg or optional; <sup>5)</sup> From 6000 mm door width

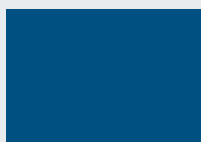
## Curtain colours



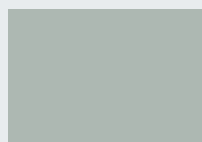
RAL 2004  
Pure orange



RAL 3002  
Carmine red



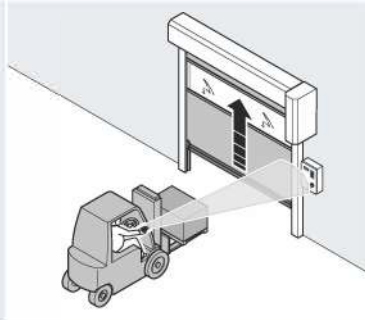
RAL 5010  
Gentian blue



RAL 7038  
Agate grey

# Accessories

## Options for operation:



### Radio remote controls

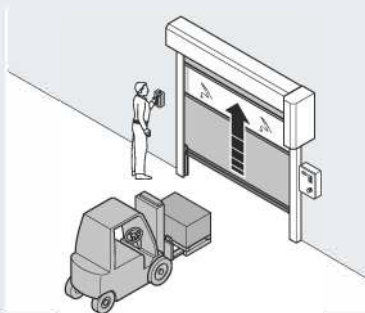


**4-button hand transmitter HS 4**

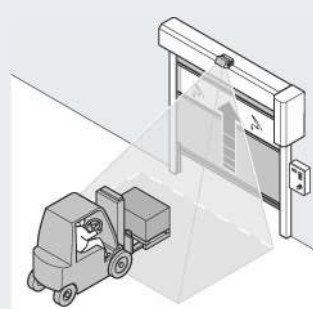
**1-button hand transmitter HS 1**

**Hand transmitter HSI**  
For up to 999 doors  
With large, clear display

**Receiver HER 1 (1-channel)**  
with volt-free relay output in a separate housing without connecting lead or as a **plug-in circuit board in the control cabinet**



### Manually operated impulse generators

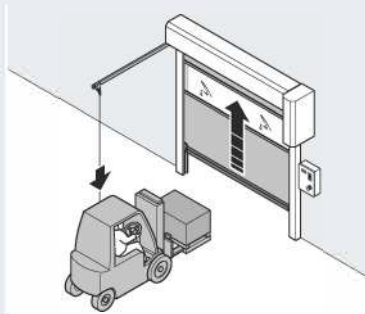


### Remote controls

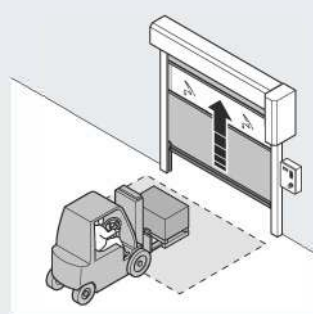


**Push button**  
2 x or 3 x  
"Open / Close"  
Plastic housing IP 65

**Radar / presence detector Comfort**  
Radar movement and presence detection with infrared detection, fast and targeted automatic door opening, reliable advance protection, up to a height of max. 6 m, in areas with high levels of humidity and in outside areas, only the radar function is available, housing: protection category IP 65



### Manually operated impulse generators

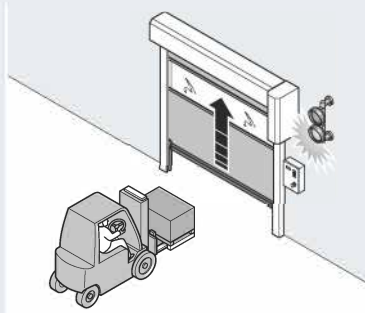


### Induction loops



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

**Induction loop detector**  
1 or 2-channel plug-in print suitable for two separate induction loops, supplied without loop cable



### Safety equipment



**Warning light Ø 150 mm**  
Red, in plastic housing with mounting strap, IP 65

**Warning light Ø 150 mm**  
Red, green, in plastic housing, with fitting support, IP 65

**Rotating warning light**  
Red or yellow, in plastic housing, IP 54

**Flashing warning light**  
Orange, in plastic housing, IP 65

# Hörmann Product Range

Everything from a single source  
for your construction project



**1** Sectional doors



**2** Rolling shutters  
and rolling grilles



**3** High-speed doors



**4** Loading technology



**5** Steel and stainless steel  
sliding doors



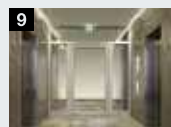
**6** Steel and aluminium  
multi-function doors



**7** Steel and stainless steel doors



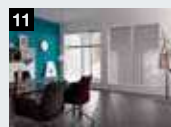
**8** Steel frames with high-quality  
timber function doors  
from Schörghuber



**9** Fully glazed tubular frame parts



**10** Automatic sliding doors



**11** Visibility window



**12** Collective garage 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



Hörmann KG Eckelhausen, Germany



Hörmann KG Freisen, Germany



Hörmann KG Ichtshausen, Germany



Hörmann KG Werne, Germany



Hörmann Alkmaar B.V., Netherlands



Hörmann Legnica Sp. z o.o., Poland



Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon LLC, Burgettstown PA, USA



Shakti Hörmann Pvt. Ltd., India

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and Asia, make 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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