

// NEW: All high-speed doors fitted with FU control as standard



High-Speed Doors

For Optimised Material Flow and Improved Efficiency







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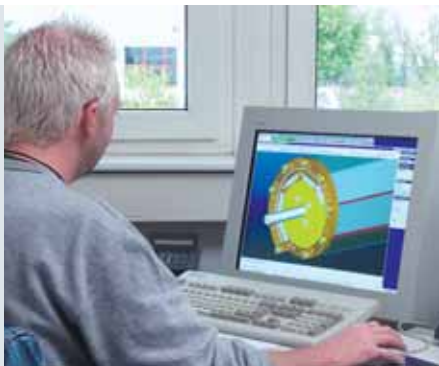
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Hörmann High-Speed Doors Much More Than Simply Fast



High-speed progress

Without on-going developments and improvements by our highly qualified engineers as well as comprehensive knowledge of all the requirements of the market, efficient high-speed door designs of a recognised high standard would not be possible.

The best examples are the flexible high-speed doors with tubular drive, SoftEdge bottom profile and the HSS spiral door.



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.



Comprehensive quality control

This quality standard is reflected in the inspection of individual components at every stage of production right through to final inspection. Hörmann high-speed doors are certified according to DIN ISO 9001.



Speed, reliability, safety and efficiency are the distinguishing features of Hörmann industrial door systems.



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 is not only available in printed form but is always accessible and up-to-date at www.hoermann.com



Efficient service

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



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



**SoftEdge profile,
safe and economical**

**Fitted as standard at Hörmann:
FU control**



Only from Hörmann

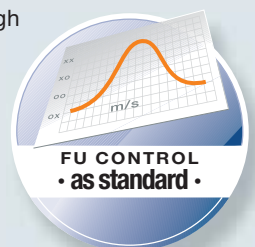
**No downtimes resulting from a crash
thanks to the SoftEdge bottom profile**

The Hörmann SE high-speed doors with integrated anti-crash are especially safe and economical. Staff have an improved protection due to the special features (vertically flexible) of the SoftEdge profiles, damage to the door is prevented and the resulting downtimes of the system avoided.



**Impulses for a longer service life
and increased efficiency**

At Hörmann, all high-speed doors come with a frequency converter control (FU) as standard to ensure quick, safe and low-wear door travel. Higher opening and closing speeds can be achieved using FU controls. In addition, they relieve the entire door mechanism through slow starting and slow braking action, which extends the service life of the door considerably.





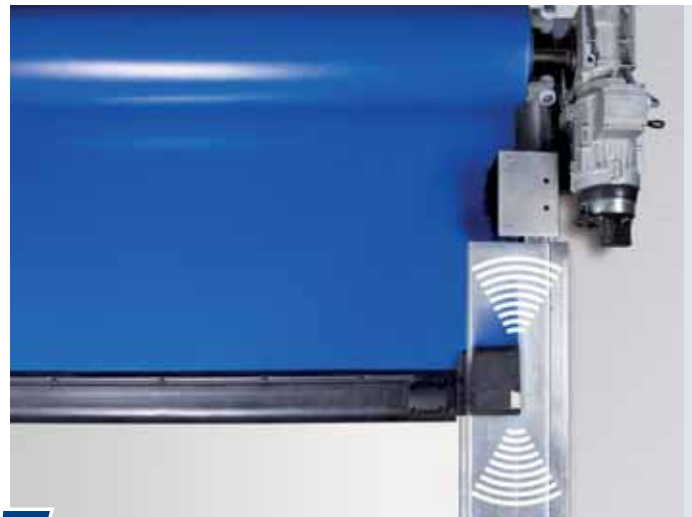
Keeps things running when a power failure occurs

Interference-free through infrared transmission



Uninterruptible power supply with self-monitoring integrated in the control cabinet

When a power failure occurs, the uninterruptible power supply (UPS) provides enough energy to enable the door to be opened, thus providing a safe passage. The UPS is installed in the control cabinet.



Only from Hörmann

Wireless contact strip evaluation through interference-free infrared transmission

The Hörmann SE high-speed doors do not require a running spiral cable that requires frequent repairs. Wireless contact strip evaluation in the side guide rail replaces the spiral cable. It transfers the impulse via an infrared signal when a crash occurs. Safely and reliably.



Spiral doors

Speed in a top design

A characteristic feature of the spiral doors is the non-contact roll-up technology and smooth-faced aluminium shutter curtain as an expression of modern industrial design.

The double-skinned anodised profiles with thermal breaks are available in the natural colour E6/EV1 as standard. On request, we can supply the shutter curtain with an environmentally-friendly powder-coating in any one of around 200 colours from the RAL colour spectrum.

Non-contact roll-up technology – saves wear on the shutter curtain, preserves the aesthetics



Round spiral

HSS 6530

The sections are rolled up into a spiral bracket for an especially fast opening speed and precise door travel. The round spirals are used with door heights up to 5000 mm and the oval spirals with door heights between 5001 mm and 6000 mm. Furthermore, a special product version is available for use in underground garages and collective garages: The low-headroom spiral (figure on page 10).



Oval spiral



HSS 6530

The Fast Spiral Door with Thermal Breaks

Speed in a top design

The powerful, service-friendly HSS 6530 spiral door with the smooth aluminium profiles is good-looking and fast. The combination with the powerful frequency converter control (FU) enables opening speeds of up to 3 m/sec. The sections are securely rolled up in the spiral bracket without any contact.

Emergency opening with emergency hand chain

The door is easy to open by hand thanks to the spring compensation support. This prevents downtimes in the production and logistics processes.

Prepared for fitting

The door leaf is pre-assembled as a unit. This saves time and money.



For constricted fitting situations that are common with underground garages and collective garages, you will be provided with a special low-headroom version of the spiral bracket (max. door height 4500 mm).



Elegant aluminium sections with high thermal insulation

Thermally insulated on all sides

The HSS 6530 has a high thermal insulation value thanks to its sections with thermal breaks and additional side and bottom seals.

Stability with a long service life

The individual door leaf sections are connected across the entire width. The resulting particularly high level of stability enables door widths of up to 6.5 m.

Aluminium / plastic hinge connection with service friendly clip technology ensure a quiet door travel and a long service life of the door.

Particularly service-friendly

If a profile should need replacing, this can be done quite easily by unclipping the sections. The door can thus be repaired quickly and inexpensively.



Sections with thermal breaks for particularly high thermal insulation.



External door HSS 6530

Door size

Width (LB) max.	6500 mm
Height(LH) max.	6000 mm

Roll-up technology Spiral bracket

Speed*	opening/closing
Standard control	
AS 500 FU E	3.0/0.5 m/s

*max., depending on the door size

Emergency opening	Emergency hand chain with spring compensation support
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Door leaf

Material	Aluminium, 2.0 mm thick
Depth	30 mm, Double-skinned, with thermal break
Surface	Natural finish E6/EV1
Section height	160 mm

Door leaf colours**

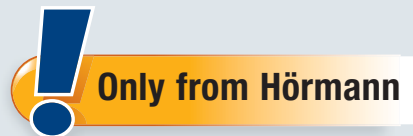
Available in more than 200 colours based on RAL.

**With the exception of pearl-effect, fluorescent and metallic colours. Dark colours should not be used that are exposed to the sun, as possible section deflection may restrict the door's function.



Flexible Internal Doors with SoftEdge

Innovative door engineering as standard:



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

Injuries can almost be exempted completely thanks to the high vertical flexibility of the SoftEdge bottom profile with steel spring core, damage and the resulting downtimes of the door system are avoided.



Frequency converter control as standard

All Hörmann high-speed doors are delivered with a powerful frequency converter control (FU) as standard. The possible service life of the mechanical parts of the door are therefore extended considerably. In addition, the high opening and closing speed reduces loss of heat and draft at the work places.



Wireless contact strip evaluation through interference-free and reliable infrared transmission

The wireless contact strip evaluation (transmitter and receiver) is well protected in the side guide rail. If a crash occurs, it transmits the closing edge impulse reliably and trouble-free via infrared, thus replacing the spiral cable. The power supply of the transmitter is provided by common batteries (for approx. 100,000 door opening cycles).





If a crash occurs, the bottom profile is pressed out of the guide without damage. The door stops instantly.



If necessary, pull the SoftEdge bottom profile to the inside (inserting side). Then move the door upwards using the control. The curtain inserts itself automatically and the door is ready for operation again.

SoftEdge doors with anti-crash Increased safety and almost no need for repairs

High-speed doors with SoftEdge and integrated anti-crash

Injuries to a person involved in the crash are almost excluded due to the high vertical flexibility of the bottom profile.

No downtimes after a crash

The innovative SoftEdge door technology prevents damage being caused and resulting downtimes of the door system.

Almost no repairs

Extensive repairs such as those with rigid door designs do not arise.

SoftEdge ensures for trouble-free operation and production processes.



Vertically flexible

The SoftEdge is highly flexible in its vertical direction and damage to persons or property is almost excluded.



Horizontally stable

In its horizontal direction, the multi-chamber profile reinforced with bars ensure for a high stability.



Nothing is damaged



SoftEdge bottom profile with integrated closing edge safety device



V 2715 SE R

Little space required due to compact tubular drive // NEW

The high-speed solution for constricted spaces

A gearbox that protrudes to the side is normally not possible with storage shelves in logistic areas and supermarkets. The high-speed door V 2715 SE R with the tubular drive integrated in the door shaft is an optimum solution.

Fully equipped

The fast and quiet run of the door due to the standard frequency converter (FU) control, the light grille and the increased personal safety that results from the vertically flexible SoftEdge bottom profile with manual insertion make the V 2715 SE R a safe internal door for areas where there is high frequency. Aluminium profile option for improved curtain stability.

The barrel cover that is limited to the door width is available as a galvanised version and on request also powder-coated based on RAL.

Fitted quickly and simply

To enable a quick fitting, the door shaft is already assembled with the tubular drive at the factory.



Light grille concealed in the door guide



The barrel cover and guide rail are aligned flush, no gearbox protruding to the side.

Internal door V 2715 SE R

Door size

Width (LB) max.	2750 mm
Height(LH) max.	3000 mm

Speed*

opening/closing

Standard control

BK 150 FUE H 1.5/0.8 m/s

*max., depending on the door size

Curtain

Spring steel in curtain pockets

Fabric/vision panel thickness 1.5/2.0 mm

Emergency opening

Optional:

Automatic opening via UPS during power failure (BS 150 FUE H USV, 230 V)

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 5015 SE

The competitively-priced internal door with SoftEdge bottom profile

Especially economical

The inexpensive high-speed door for inside areas fitted with SoftEdge bottom profile and standard FU control for a safe and low door wearing continuous operation.

The curtain stability of the door type V 5015 SE is achieved through the well-proven aluminium profiles and the horizontally stable SoftEdge bottom profile at the lower edge.

Aluminium profiles

In the event of repair, the inexpensive stabilization of the curtain allows the curtain segments to be replaced quickly and with minimum fuss.



Standard FU control BK 150 FUE H for low door wearing continuous operation.



Aluminium profiles for curtain stability.

Internal door

V 5015 SE

Door size

Width (LB) max.	5000 mm
Height (LH) max.	5000 mm

Speed*

opening/closing

Standard control

BK 150 FUE H 1.5/0.8 m/s

*max., depending on the door size

Curtain

With aluminium profile

Fabric/vision panel thickness 1.5/2.0 mm

Emergency opening

Crank handle

Optional:

Automatic opening via UPS during power failure (BS 150 FUE H USV, 230 V)

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 5030 SE

The low-noise door for extremely draughty conditions

Quiet and quick

In halls with a low noise level, a door should cause little noise and also work quickly and reliably with strong drafts.

That's why the V 5030 SE door type is equipped with spring steel wind protectors to give the curtain the necessary stability.

The speed of up to 3 m/s is achieved by the optional Hörmann AS 500 FU E frequency converter control.

Spring steel wind protector

Integrated into a pocket in the curtain with twin track rollers at the sides for a quiet door travel and improved resistance to higher wind pressure.

You can also optionally obtain the V 5030 SE with aluminium bottom profile for wind class 1 (DIN EN 12424).



Automatic door opening via UPS.
Frees up routes in the case of a power failure.



Spring steel wind protector.

Internal door V 5030 SE

Door size

Width (LB) max.	5000 mm
Height (LH) max.	5000 mm

Speed*

	opening/closing
Standard control	
BK 150 FUE H	2.0/0.8 m/s
Optional control	
AS 500 FU E	3.0/0.8 m/s

*max., depending on the door size






Curtain

Spring steel wind protectors with side rollers
Fabric/vision panel thickness 1.5/2.0 mm

Emergency opening

Crank handle
Optional:
Automatic opening via UPS during power failure
(BS 150 FUE H USV, 230 V)

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey





Flexible External Doors

Modernise, adapt, combine

Changed operating procedures, stricter safety standards and rising energy costs increase the requirements placed on your industrial door system. Optimise your operational procedures using the customized door solutions and reduce your energy costs through the short door opening times with the Hörmann high-speed doors and their standard FU control.

Hörmann also offers door combinations with rolling shutters or sectional doors for secure night time closing.

Door curtain tension is maintained



The tensioning system tensions the door curtain for reliable door travel, even with high or low outdoor temperatures and wind pressures.

Collision protection with manual operation for the V 6030 SE external door



The SoftEdge profile responds flexibly even in the event of a crash at the external door.



The bottom profile can easily be moved back into the side guide.



V 6030 SE

For highly frequented routes of transport with SoftEdge bottom profile.

The fast external door with anti-crash protection

External doors are driven into more frequently than internal doors, e.g. by forklift trucks, so this is where the anti-crash protection system comes into its own. Downtimes and repair costs are considerably reduced.

And the high speeds at which the door opens and closes saves on energy costs too.

Spring steel wind protectors in curtain pocket

The twin track rollers at the sides ensure quiet door travel and reliable stops. Even wind pressures do not pose a problem thanks to the spring steel wind protectors.



Spring steel wind protector.



SoftEdge profile with integral closing edge safety device.

External door V 6030 SE

Door size

Width (LB) max.	5000 mm
Height(LH) max.	6000 mm

Speed*

	opening/closing
Standard control	
BK 150 FUE H	2.0/0.8 m/s
Optional control	
AS 500 FU E	3.0/0.8 m/s

*max., depending on the door size

Curtain

Spring steel wind protectors with twin track rollers on the side and a tensioning system
Fabric/vision panel thickness 1.5/2.0 mm

Wind pressure

Acc. to DIN EN 12424 cl. 2

Emergency opening

Crank handle
Optional:
Automatic opening via UPS during power failure (BS 150 FUE H USV, 230 V)
Counter weights with back-up battery
Emergency hand chain

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 6020 TR

Fully transparent for more light ingress and an improved view // NEW

Light and friendly workplaces

The fully transparent high-speed door V 6020 TR is suitable for high ingress of light as an outside door but also for an improved view in internal areas.

The 4 mm thick transparent curtain lets light into the room resulting in a pleasantly bright workplace.

When used as an external door, we recommend the heavy transparent version.

Seeing what is approaching you

The routes of transport are made safer as a result of the free field of vision, also from far away.

Wind lock






Along with the tensioning system fitted as standard, the spring steel wind locks provide the required curtain stability.



Transparent for more incidence of light and a free field of vision



Aluminium bottom profile for outside use

External door	V 6020 TR
Door size	
Width (LB) max.	6000 mm
Height(LH) max.	5000 mm
Speed*	opening/closing
Standard control	
BK 150 FUE H	1.5/0.5 m/s
(up to door sizes of max. 3.500 x 3.500 mm)	
Optional control	
AS 500 FU E	2.0/0.5 m/s
*max., depending on the door size	
Curtain	
Full transparent thickness	4.0 mm
Fabric thickness	3.0 mm
Wind pressure	
Acc. to DIN EN 12424 cl. 2	
Emergency opening	
Crank handle	
Optional:	
Automatic opening via UPS during power failure	
(BS 150 FUE H USV, 230 V)	
Emergency hand chain	
Wind lock strip colours	
	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 10008

The Large Door for Oversized Openings

Large doors

A double tensioning belt and especially wide guide rails ensure reliable door travel even with a heavy curtain weight. The standard FU control and double closing edges on the bottom profile ensure that the closing force is maintained and provide the door with its required safety.

Spring steel wind protectors in curtain pocket

The tandem track rollers ensure quiet door travel and allow for higher wind pressures. The number of wind protectors is determined depending on the door size, wind pressure requirements, as well as the installation situation.



Especially wide guide rails.



Spring steel wind protector.

External door

V 10008

Door size

Width (LB) max.	10000 mm
Height(LH) max.	6250 mm

Speed*

opening/closing

Standard control

AS 500 FU E

Up to 6000 mm width: 1.5/0.4 m/s

From 6000 mm width: 0.8/0.4 m/s

*max., depending on the door size

Curtain

Spring steel wind protectors with tandem rollers on the side

Fabric/vision panel thickness 1.5/2.0 mm

Wind protection

Spring steel with side tandem track rollers

Wind pressure

Acc. to DIN EN 12424 cl. 3 (up to 6000 mm)


Emergency opening


Crank handle


Optional:


Emergency hand chain


Curtain colours

 RAL 1018 Zinc yellow

 RAL 2004 Pure orange

 RAL 3002 Carmine red

 RAL 5010 Gentian blue

 RAL 7038 Agate grey



Door Combinations

Flexible External Doors with Rolling Shutters or Sectional Doors

Possible door combinations

The flexible external doors V 6030 SE and V 6020 TR are particularly suitable for use as high-speed doors. Hörmann also offers rolling shutters or industrial sectional doors for secure night time closing.

Benefits of door combinations

During the day energy is saved, the flow of materials is optimised and drafts are reduced thanks to the high opening and closing speeds of the flexible high-speed door. At night the rolling shutter or sectional door provides a secure closure to keep would be intruders out.

A combination of doors has much to commend it

Combined doors are not merely robust; the combined effect also produces good acoustic and thermal insulation. They require minimum fitting space at the sides and in the depth.



Compact casement solution

Combined with a rolling shutter: provided sufficient headroom is available, the shafts of the flexible high-speed door and rolling shutter are positioned compactly in a casement one above the other.

Given insufficient headroom, the shafts are fitted one behind the other using distance cladding.

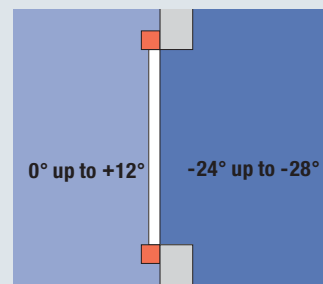


Cold Storage and Deep-Freeze Doors

Keep your products fresh and lower operating costs

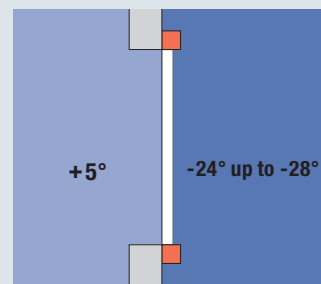
Fresh food, fruits or vegetables, and frozen items must be transported in a closed cooling chain from the manufacturer to the consumer. This also includes storage of the products in climate-controlled halls with high energy requirements. Hörmann high-speed doors reduce temperature losses in such halls, helping you save on your operating costs.

Track variants



Fitting in the plus area to the cooling area

Ideally, the door only requires a heater in the side guides.



Fitting in the cold store area

Only a vertical track is possible with this fitting variant, a door heater is required for preventing the formation of ice. Hörmann high-speed doors have heated guide rails, panel cavities, gearboxes and control cabinets. An active air dehumidifier provided by the customer is required on the 5° temperature side.





Iso Speed Cold

The fast door for high temperature differences

Fast, sealed and extremely economical

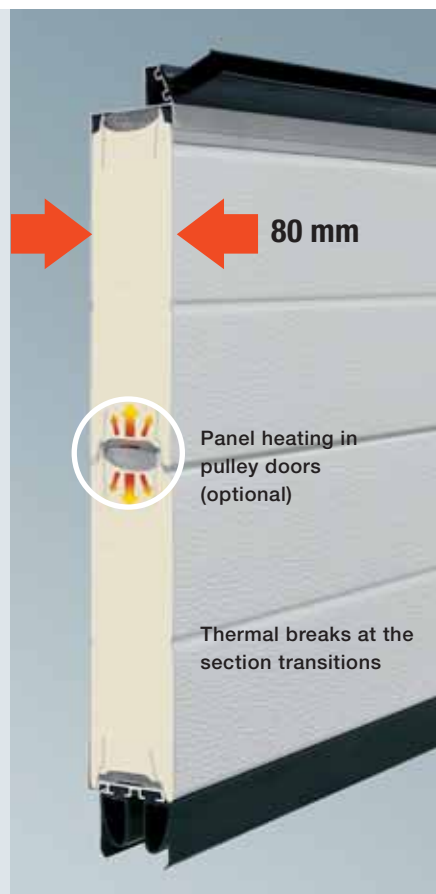
Thanks to heated panels and special seals between the building structure and ground, the Iso Speed Cold is the optimum solution for all areas with high temperature differences. Used as a high-speed door in cold-storage halls or to save energy in production and distribution areas, the Iso Speed Cold remains impervious.

Thermal breaks

The steel sections in the Iso Speed Cold have a thermal break between the inside and outside. An excellent thermal insulation value of $0.3 \text{ W/(m}^2 \text{ K)}$ is attained with additional lintel and bottom seals.

Thoroughly sealed

The double-skinned door leaf is foam-filled with CFC free polyurethane (PU) rigid foam, therefore giving it exceptionally high strength and making it possible to attain the highest thermal values in conjunction with an all-round sealing frame.



Heated panels

Internal door	Iso Speed Cold	
Door size	External (cold-store)	Internal (TK) (deep-freeze)
Width (LB) max.	5000 mm	4000 mm
Height(LH) max.	5000 mm	4000 mm
Speed*	opening/closing	
Standard control		
AS 500 FU E	2.0/0.5 m/s	
*max., depending on the door size		
Panel		
PU foam insulated		
Thickness	80 mm	
Emergency opening		
Counter weight with pull cord		



V 3515 Iso

The Energy-Saving Internal Door in Warehouses for Cold and Fresh Foods

Iso curtain for good insulation values

The energy-saving door for internal areas without wind pressures. Ideally used between warm and cold/fresh areas, as well as in front of deep-freeze areas in conjunction with a deep-freeze door. Side elements, operator and control cabinet can be optionally heated.



20 mm thick Iso curtain.

Internal door V 3515 Iso

Door size

Width (LB) max.	3500 mm
Height(LH) max.	3500 mm

Speed*

opening/closing

Standard control

BK 150 FU E H 1.5/0.5 m/s

*max., depending on the door size

Curtain

PO foam

Thickness 20 mm

Emergency opening

Crank handle

Optional:

Automatic opening via UPS during power failure (BS 150 FUE H USV, 230 V)





Special Doors

High-Speed Doors for Special Areas

Use in special areas for industry and commerce results in special requirements for high-speed door systems. Hörmann offers numerous special solutions for clean rooms, escape routes or conveyor technology, among others.

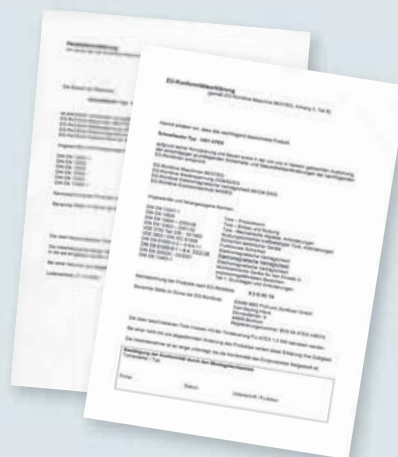


V 1401 ATEX

The door with explosion protection

V 1401 ATEX

The high-speed door for areas endangered by explosion. Developed, built and certified in compliance with the Directives: EC Ex-protection 94/9EC and DIN EN 13453-1.



Internal door

V 1401 ATEX

Door size

Width (LB) max.	4000 mm
Height (LH) max.	4000 mm

Speed*

Standard control	opening/closing
BS 150 FU H	
ATEX 1,5 kw	1.4/0.5 m/s

*max., depending on the door size

Curtain

Aluminium profile
Fabric/vision panel thickness 1.5/2.0 mm

Emergency opening

Crank handle

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 3015 RW

The Internal Door for Escape Routes

The internal door for escape routes with decisive advantages

Thanks to a SoftEdge profile with anti-crash system, these high-speed doors are especially safe and economical. Persons have better protection and damage and downtimes are avoided.

Approved for use in escape routes

With its certified qualification for use in escape routes, these high-speed doors can also be integrated in escape route planning. The certificate of conformity can be presented to the authorities as proof.

After installation, the door must be tested for function (emergency off, advance protection) and accepted by a technical expert.



radar signal for advance protection in the escape direction, emergency-off button with "escape route" symbol.



Internal door	V 3015 RW
Door size	
Width (LB) max.	3000 mm
Height(LH) max.	3000 mm
Speed*	opening/closing
Standard control	
BS 150 FUE H	1.5/0.8 m/s
*max., depending on the door size	
Anti-Crash-System	mit zweiseitiger Widereinfädung
Curtain	
Aluminium profile	
Fabric/vision panel thickness	1.5/2.0 mm
Emergency opening	Counter weight with operating current brake
Serienmäßige Ausstattung	radar signal for advance protection in the escape direction, emergency-off button with "escape route" symbol

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 2515 Food L

Especially designed for the food industry and wet rooms

Easy cleaning

The side guides are easy to clean with this special version. High-pressure cleaning systems and water aren't a problem for the door construction, which is made entirely of stainless steel. No counter weights or springs prevent the frame from being cleaned.

Spray-water protected

The operator is completely enclosed in a spray-water protected operator cover made of V2A stainless steel (protection category IP 65).

Closing edge safety devices that are often susceptible to malfunctions in wet areas can be omitted due to the low weight of the door curtain.



The door is supplied as standard with a photocell and a PVC seal in the frame.



Easy to clean

Internal door

V 2515 Food L

Door size

Width (LB) max.	2500 mm
Height(LH) max.	3000 mm

Speed*

opening/closing

Standard control

BS 150 FUE H V2A 2.0/0.8 m/s

*max., depending on the door size

Curtain

Spring steel in curtain pockets

Fabric/vision panel thickness 1.5/2.0 mm

Emergency opening

Optional:

Automatic opening via UPS during power failure (BS 150 FUE H V2A USV, 230 V)

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 3015 Clean

Transparency for Clean Rooms in the Chemical and Pharmaceutical Industries

Special curtain for pressure differences

Air purification in clean rooms can result in pressure differences of up to 50 pascal. The fully transparent curtain in this clean room door is tightly integrated in the special guide rails, minimising air losses (leakages). This enables an optimum design for ventilation systems. Stainless steel cladding on the shaft and operator, as well as a welded-on spring steel stabilisation, are further characteristics of this door.



Tight sealing and full transparency.



Curtain tightly integrated in the guide rails.

Internal door V 3015 Clean

Door size

Width (LB) max.	2500 mm
Height (LH) max.	3000 mm

Speed*

Standard control	opening/closing
BS 150 FUE H V2A	1.5/0.5 m/s

*max., depending on the door size

Curtain

Spring steel stabilisation welded into pockets	
Fully transparent curtain thickness	4.0 mm

Emergency opening

Crank handle
Optional:
Automatic opening via UPS during power failure (BS 150 FUE H V2A USV, 230 V)

Wind lock strip colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



V 3009 Conveyor

Especially designed for conveyor systems with relay controls

Designed for continuous operation

The V 3009 is fitted between the operating sections and the storage rooms within the conveyor system and is used to save energy, draft and noise reduction.

This door has been designed for a high number of automated opening and closing cycles.

The door control can be integrated in the PLC system provided by the customer. A potential-free contact informs the controller of the door position (open/closed).



The door is also available with a vision panel.

Internal door

V 3009

Door size

Width (LB) max.	3000 mm
Height (LH) max.	3000 mm

Speed*

opening/closing

Standard control

AK E (inversion relay) 0.8/0.8 m/s

Optional control

BK 150 FUE H 1.5/0.8 m/s

*max., depending on the door size

Curtain


Aluminium profile


Fabric/vision panel thickness 1.5/2.0 mm


Emergency opening

Crank handle


Curtain colours

 RAL 1018 Zinc yellow

 RAL 2004 Pure orange

 RAL 3002 Carmine red

 RAL 5010 Gentian blue

 RAL 7038 Agate grey



H 3530

The Fast-Action Horizontal Internal Door

Opens super-fast, crash situations virtually excluded

Our speediest door for internal applications. The door leaves open to the sides at high speed, thus making the full passage height immediately available. This guarantees a speedy flow of traffic and increases safety, above all with high-frequency personnel traffic.

Even with the high opening speed of 3 m/s, the door is subjected to minimum wear thanks to the frequency converter control which provides the door with a “soft” start and “soft” stop on opening and closing.

Further benefits: two separate opening widths can be programmed for personnel and vehicles. Closing edge safety devices and photocells provide additional safety. In the event of a malfunction, the door can be quickly opened manually by a hand pull or automatically by an operating current brake (optional extra).

The entire operator technology is always located on the right-hand side and housed in the 3-sided cladding which requires minimum headroom.

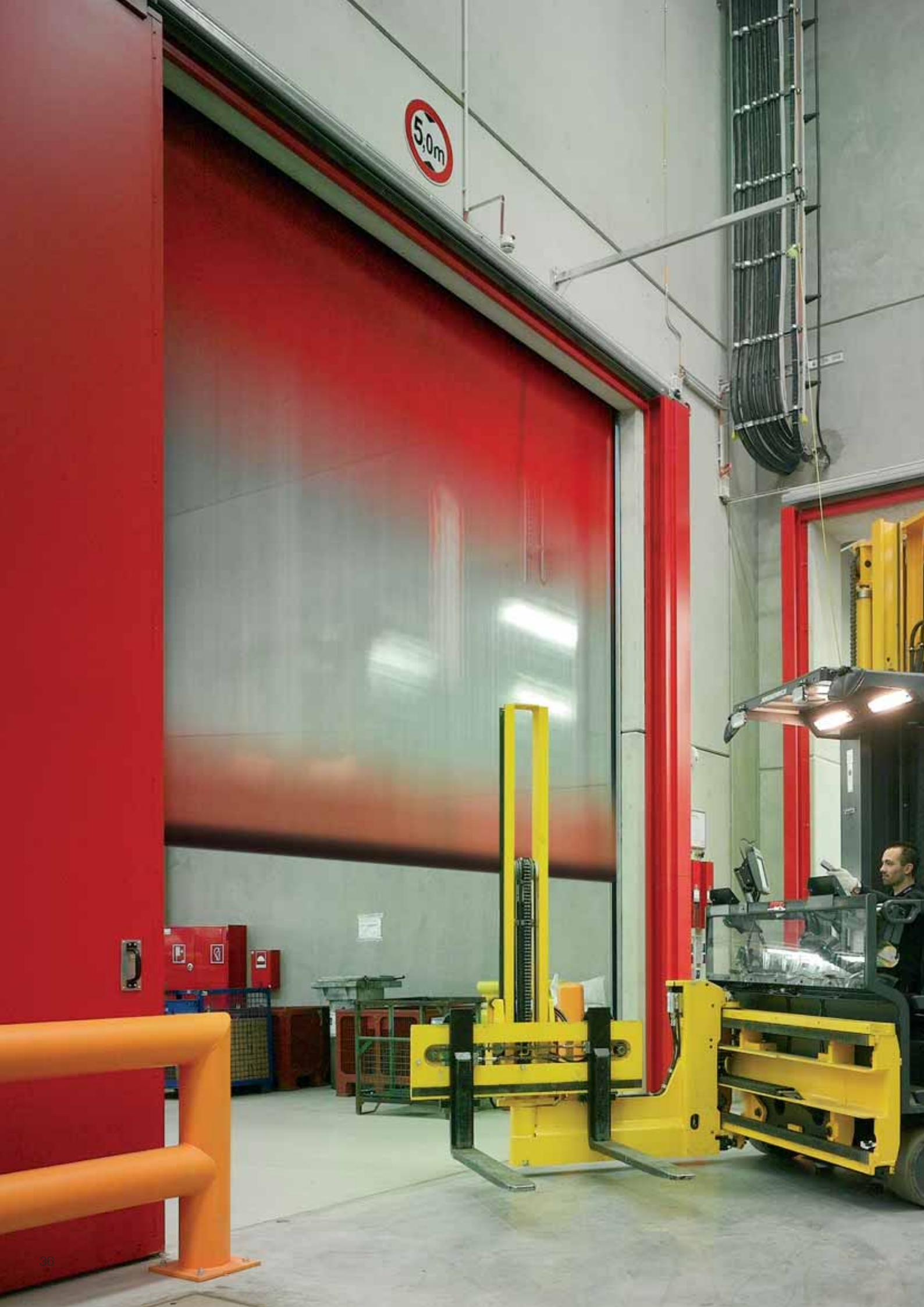


The stainless steel version meets the standards of hygiene demanded by the food, chemicals and pharmaceuticals industries.

Internal door		H 3530
Door size		
Width (LB) max.		3500 mm
Height (LH) max.		3500 mm
Speed*		
Standard control		opening/closing
BK 150 FUE H		3.0/1.0 m/s
*max., depending on the door size		
Anti-Crash-System		
Up to 5° reversible closing edge		
Curtain		
Fabric/vision panel thickness 1.5/2.0 mm		
Emergency opening		
Springs with pull cord		
Optional:		
Springs with operating current brake		

Curtain colours

	RAL 1018 Zinc yellow
	RAL 2004 Pure orange
	RAL 3002 Carmine red
	RAL 5010 Gentian blue
	RAL 7038 Agate grey



5,0m

The Operator and Control Concept

Hörmann high-speed doors are up to 20 times faster than conventional industrial doors. That's why the intelligent operator and control technology is designed for reliable continuous operation.

All the operators and controls are equipped with plug-in terminals to allow the control circuit boards to be easily changed (control voltage 24 VDC).

Standard at Hörmann:

High performance frequency converter control (FU). FU controls feature higher speed and relieve the complete door mechanism which, in turn, extends the service life of the door considerably.



Optimally adapted to each other



The operator and control box are always pre-wired and ready to plug in. This reduces installation time and facilitates servicing.



It goes without saying that automatic air lock systems, interlocking of doors and special controls are also possible.



The safety devices on Hörmann doors meet the high requirements of the European Standards.

As standard

- Frequency converter control
- Door cycle counter
- Operating time monitoring
- Automatic timer (adjustable open phase)
- Error display/diagnosis via fourfold 7-segment display
- Service operation setting



Operation



BK 150 FUE H
FU control in a
plastic housing IP 54
one-phase, 230 V

Operation

OPEN-STOP-CLOSE
membrane keypad
Fourfold 7-segment display
to provide information on
the door functions

Function

Automatic timer
Open phase adjustable
up to 200 s.
Closing edge safety device
STOP reopen

Connection options for impulse generator

Push button
Pull switch
Palm/mushroom button
radar or infrared movement
detector
Light grille
Plug-in slots for induction
loop evaluator
and radio remote control.

Extension options

Traffic light, flashing light,
locking, intermediate stop,
E FU H extension PCB,
IP 65 stainless steel cabinet

Wiring

Lead 1~230 V, N, PE,
fuse 16 A, slow-acting
Plug connection between
door operator and control box
CEE phase-changer plug, 3-pin
with 1 m long cable for on-site
CEE electric socket, 16 A

Housing dimensions

200 × 400 × 200

Compatible door types

V 5015 SE
V 5030 SE (up to 3 m/s)
V 6030 SE (up to 2 m/s)
V 6020 TR (up to 12,25 m²)
V 2715 SE R
V 3515 Iso
H 3530



AS 500 FU E
FU control in a
steel housing IP 54
three-phase, 400 V

Operation

OPEN-STOP-CLOSE
membrane keypad
“Emergency STOP“ button
Fourfold 7-segment display
to provide information on
the door functions

Function

Automatic timer
Open phase adjustable
up to 200 s.
Closing edge safety device
STOP reopen

Connection options for impulse generator

Push button
Pull switch
Palm/mushroom button
radar or infrared movement
detector
Light grille
Plug-in slots for induction
loop evaluator
and radio remote control.

Extension options

Traffic light, flashing light,
locking, intermediate stop,
R FU H extension PCB,
IP 65 stainless steel cabinet

Wiring

Lead 3~400 V, N, PE,
fuse 16 A, slow-acting
Plug connection between
door operator and control box

Housing dimensions

400 × 600 × 200

Compatible door types

V 10008
V 5030 SE (up to 3 m/s)
V 6030 SE (up to 3 m/s)
V 6020 TR
HSS 6530
Iso Speed Cold



BS 150 FUE H USV-
Emergency opening
FU control in
a steel housing IP 54
one-phase, 230 V

Operation

OPEN-STOP-CLOSE
membrane keypad
Fourfold 7-segment display
to provide information on
the door functions

Function

Automatic timer
Open phase adjustable
up to 200 s.
Closing edge safety device
STOP reopen

Connection options for impulse generator

Push button
Pull switch
Palm/mushroom button
radar or infrared movement
detector
Light grille
Plug-in slots for induction
loop evaluator
and radio remote control.

Extension options

Traffic light, flashing light,
locking, intermediate stop,
E FU H extension PCB,
IP 65 stainless steel cabinet

Wiring

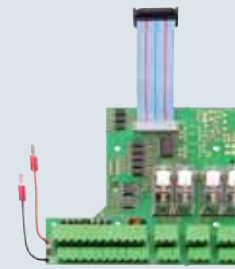
Lead 1~230 V, N, PE,
fuse 16 A, slow-acting
Plug connection between
door operator and control box
Uninterruptible power
supply (UPS)

Housing dimensions

400 × 600 × 200

Compatible door types

V 5015 SE
V 5030 SE
V 6030 SE
V 6020 TR (up to 12,25 m²)
V 2715 SE R
V 3515 Iso



E FU H / R FU X
Extension for
BK 150 FUE H (E FU H)
AS 500 FU E (R FU X) controls

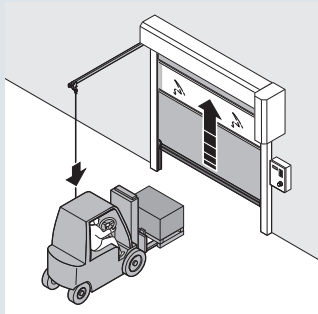
Lock controller

4 additional switch outputs
(2x2 potential-free)
8 additional digital inputs

Accessories

Operating and controlling options

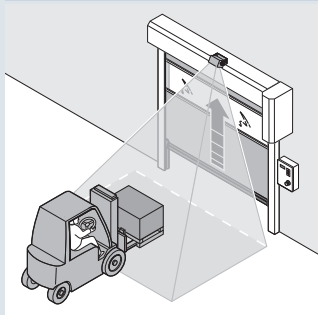
Hand-operated impulse generators / Pull switch with cantilever arm



Pull switch with plastic pull rope

Horizontal or vertical
installation possible,
aluminium die-cast housing
IP 65, rope length 4 m.

Remote control units / radar movement detector, infrared movement detector and presence detector



radar movement detector

with directional recognition, person
recognition can be switched off.
Optional: Setting the function via
a remote control is possible.
Housing: Protection category IP 65.



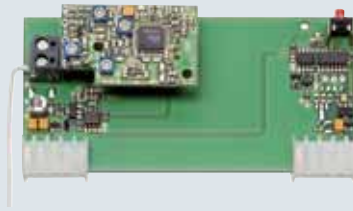
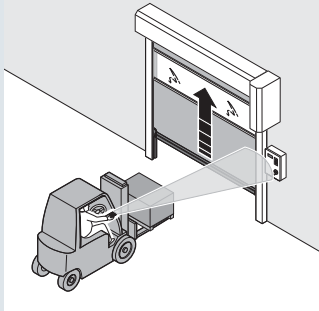
Infrared movement and presence detector

Movement and presence recognition.
Reliable safeguarding of persons for doors
up to a max. of 4 m high. Cannot be used in
highly humid environments.
Housing: Protection category IP 54.

Accessories

Operating and controlling options

Radio remote control / Hand transmitter, receiver



HER 1 receiver (single-channel)
with potential-free relay output
in a separate housing without
connection cable or as a **plug-in circuit
board in the control box**



**4-button mini
hand transmitter
HSM 4**



**2-button
hand transmitter
HSE 2**



**4-button
hand transmitter
HS 4**



**1-button
hand transmitter
HS 1**

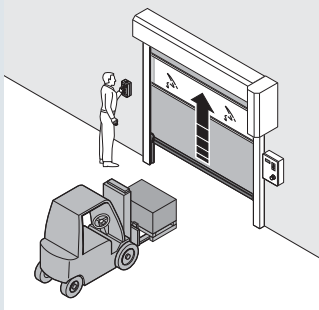


**4-button security
hand transmitter
HSS 4**
Additional function:
copy protection for
hand transmitter coding



hand transmitter HSI
for up to 999 doors
with user-friendly
operation via a large
display

Hand-operated impulse generators / push buttons, palm/mushroom buttons



Push button unit
2 buttons OPEN-CLOSE
Plastic housing
IP 65



Push button unit
3 buttons OPEN-
Emergency STOP-CLOSE
Plastic housing
IP 65



Palm / mushroom button
with large operating surface
Plastic housing, IP 65



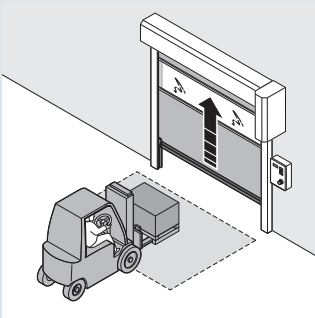
Your fingerprint, FL 12, FL 100
Your finger is enough.
The finger scan is available in
two versions, as FL 12 for 12
or as FL 100 for 100 recordable
fingerprints.



Radio code switch FCT 10b
Using a radio code switch FCT 10b,
you are able to transmit up to 10
radio codes (868.3 MHz).
Routing of lines is not required.
The keypad illuminates when
pressed for the first time.

In order to operate an efficient door system, it is important to choose the right impulse generator. You should therefore consult your Hörmann specialist for expert advice.

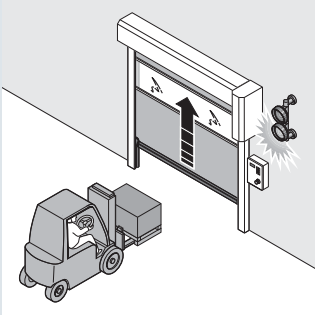
Induction loops



Induction loop detector

1 or 2-channel plug-in print. Suitable for two separate induction loops. Supplied without loop cable.

Safety equipment / Warning light, rotating warning light, flashing warning light, light grille



Warning light Ø 150 mm

Red, in plastic housing, with fitting bracket, IP 65



Warning light Ø 150 mm

Red/green, in plastic housing, with fitting bracket, IP 65



Beacon

Red or yellow, in plastic housing, IP 54



Flashing light

Orange, in plastic housing, IP 65



Light grille

Safety device 1590 mm high, 60 mm spacing between lines, transmitter + receiver, IP 65, crossed with cable box M 12, plug-in type.

Spiral Door

Technical Data

● Standard ○ On Request

		Spiral Door
		HSS 6530
Application	External door	●
	Internal door	●
Speed	Open, m/s	1.5 - 3.0
	Close, m/s	0.5
Safety equipment	DIN EN 13241.1	●
Resistance against wind pressure	DIN EN 12424	class 3
Resistance against invading water	DIN EN 12425	class 0
Air permeability	DIN EN 12426	2
Transmission of heat	DIN EN 12428	2.9 / 1.8 with Iso infill
Acoustic insulation	DIN EN 52210 dB	31
Door sizes	Width LB max. mm	6500
	Height LH max. mm	6000
Space requirement for fitting dimensions	Operator side (with cladding)	390 (430)
	Operator side LB < 4000 (with cladding)	-
	Operator side LB >= 4000 (with cladding)	-
	Bearing side (with cladding)	415 (455)
See also the technical manual	Bearing side LB < 4000 (with cladding)	-
	Bearing side LB >= 4000 (with cladding)	-
	Headroom (with cladding)	-
	Headroom LH up to 4500 mm (with cladding) and	-
	Headroom LH from 5000 up to 6500 mm and	950 (1020)
	Headroom LH from 4500 up to 5500 mm (with cladding)	970 (1020)
	Headroom LH from 4000 mm (with cladding)	-
	operator in steel safe (W x H x D) cm	40 x 60 x 21
Door construction	Self-supporting	-
Door leaf counterbalance		●
Door leaf	Double-skinned profiles size in mm	30
	thermo profile	●
Material/surface Door leaf	Aluminium, anodized E6/EV1	●
	Powder-coated aluminium, RAL to choose colour	○
Glazing	synthetic pane	-
	synthetic double pane	○
Ventilation grille	Ventilation cross section according to size/arrangement	○
Operator and control	FU control	●
	Supply voltage	3-400 V, N, PE
	OPEN-STOP-CLOSE membrane keypad	●
	Emergency-off button	●
	Fuse	16A, slow-acting
	Protection category operator, control system	IP54
	Emergency-off button	●
	Driveway monitoring Photocell	●
	Light grille	○
	front end control radar	○
	induction loop	○
	Open phase, sec.	1-200
	Closing edge safety device	●
	Electronic limit switch DES	●
Emergency opening	Emergency crank handle	-
	Emergency hand chain	-
	Counter weight / Spring	-/●
	USV with FU-Control, 230 V	-
Floating contacts		○
Impulse generators	see pages 39-41	○
Safety elements	see pages 41	○

Flexible Internal Doors

Technical Data

● Standard ○ On Request

		Flexible Internal Doors		
		V 2715 SE // NEW	V 5015 SE	V 5030 SE
Application	Internal door	●	●	●
	External door	-	-	Wind protected, optional with aluminium bottom profile
Speed	Frequency Open, approx. m/s	1.5	1.5	2.0-3.0
	converter control Close, approx. m/s	0.8	0.8	0.8
Safety equipment	DIN EN 13241	●	●	●
Wind pressure	DIN EN 12424	class 0	class 0	Class 0/1 with aluminium bottom profile
Wind protection		●	-	●
Door sizes	Width LB max. mm	2750	5000	5000
	Height LH max. mm	3000	5000	5000
Fitting dimensions space requirement	Operator side LB + mm (with cladding)	- (180)	325 (345)	360 (400)
	Bearing side LB + mm (with cladding/counterweight)	- (180)	150 (150)	250 (250/320)
See technical manual for Hörmann high-speed doors	Headroom LB + mm	460	440	440
	LH + mm straight cladding	460	490	490
	LH + mm cladding 30° (5°)	-	630	630
	Frequency converter control in (W x H x D) cm synthetic safe	20 x 40 x 20	20 x 40 x 20	20 x 40 x 20
	Frequency converter control in (W x H x D) cm steel safe (stainless steel 1.4301) USV	40 x 60 x 21	40 x 60 x 21	40 x 60 x 21
Anti-crash protection	mit automatischer/manueller Inbetriebnahme	Collision protection	Anti-crash	Anti-crash
Door construction	Self-supporting	●	●	●
Curtain/Door leaf	Fabric/transparent 1,5/2,0 mm	●	●	●
	transparent 4,0 mm	-	-	-
Curtain/door leaf tensioning		-	-	-
Guide material/surface	Galvanised steel	●	●	●
	Galvanised steel, coated, RAL to choose	○	○	○
	Polished stainless steel V2A	○	○	○
Shaft/operator cladding	Straight	○	○	○
	30° slope (5°)	○	○	○
Operator and control	FU control	●	●	●
	Supply voltage (1-phase)	1-230 V, N, PE	1-230 V, N, PE	1-230 V, N, PE
	Supply voltage (3-phase)	-	-	3-400 V, N, PE
	OPEN-STOP-CLOSE membrane keypad	●	●	●
	FC controls, mains isolator switch			
	1-phase/3-phase	○/-	○/-	○/●
	Fuse	16A, slow-acting	16A, slow-acting	16A, slow-acting
	Protection category operator, control system	IP54	IP54	IP54
	Emergency-off button	●	●	●
	Driveway monitoring Photocell	●	●	●
	Light grille	○	○	○
	Open phase, sec.	1-200	1-200	1-200
	Closing edge safety device with energy chain	-	-	-
	wireless transmission	●	●	●
	Electronic limit switch DES	●	●	●
Emergency opening	Crank	-	●	●
	Emergency hand chain	-	-	-
	Counter weight / Spring	-	-/-	○/-
	USV with FU-Control, 230 V	○	○	○
Floating contacts		○	○	○
Impulse generators	see pages 39-41	○	○	○
Safety elements	see pages 41	○	○	○

Flexible External Doors

Technical Data

● Standard ○ On Request

		Flexible External Doors		
		V 6030 SE	V 6020 TR // NEW	V 10008
Application	Internal door	●	●	-
	External door	●	●	●
Speed	Frequency	2.0 - 3.0	1.5	0.8 - 1.5
	Open, approx. m/s converter control Close, approx. m/s	0.8	0.5	0.4
Safety equipment	DIN EN 13241	●	●	●
Wind pressure	DIN EN 12424	class 2	class 2	class 3
Wind protection		●	●	●
Door sizes	Width LB max. mm	5000	6000	10000
	Height LH max. mm	6000	5000	6500
Fitting dimensions space requirement	Operator side LB+mm (with cladding)	435 (480)	420 (470)	545 (580)
	Bearing side LB+mm (with cladding/counterweight)	310 (330/410)	320 (320)	390 (390)
See technical manual for Hör- mann high-speed doors	Headroom LH+mm	540	680	745
	LH+mm straight cladding	590	720	-
	LH+mm cladding 30° (5°)	730	870	840
	Frequency converter control in (W x H x D) cm synthetic safe	20 x 40 x 20	-	-
	Frequency converter control in (W x H x D) cm steel safe (stainless steel 1.4301) USV	40 x 50/60 x 21	40 x 50/60 x 21	40 x 60 x 21
Anti-crash protection	With automatic/manual restart	Collision protection	-	-
Door construction	Self-supporting	●	●	-
Curtain/Door leaf	Fabric/transparent 1,5/2,0 mm	●	-	●
	transparent 4,0 mm	-	●	-
Curtain/door leaf tensioning		●	●	●
Guide material/surface	Galvanised steel	●	●	●
	Galvanised steel, coated, RAL to choose	○	○	○
	Polished stainless steel V2A	○	○	-
Shaft/operator cladding	Straight	○	○	○
	30° slope (5°)	○	○	(○)
Operator and control	FU control	●	●	●
	Supply voltage (1-phase)	1-230 V, N, PE	1-230 V, N, PE	-
	Supply voltage (3-phase)	3-400 V, N, PE	3-400 V, N, PE	3-400 V, N, PE
	OPEN-STOP-CLOSE membrane keypad	●	●	●
	FU control Emergency-off button 1-phase/3-phase	○/●	○/●	-/●
	Fuse	16A, slow-acting	16A, slow-acting	16A, slow-acting
	Protection category operator, control system	IP54	IP54	IP54
	Emergency-off button	●	●	●
	Driveway monitoring Photocell	●	●	●
	Light grille	○	○	○
	Open phase, sec.	1-200	1-200	1-200
	Closing edge safety device with energy chain	-	●	●
	wireless transmission	●	-	-
	Electronic limit switch DES	●	●	●
Emergency opening	Crank	●	●	-
	Emergency hand chain	○	○	●
	Counter weight / Spring	○/-	-/○	-/-
	USV with FU-Control, 230 V	○	○	-
Floating contacts		○	○	○
Impulse generators	see pages 39-41	○	○	○
Safety elements	see pages 41	○	○	○

High-Speed Doors for Special Areas

Technical Data

Cold-storage and deep-freeze doors		Special doors					
Iso-Speed Cold	V 3515 Iso	V 1401 Atex	V 3015 RW	V 2515 Food L	V 3015 Clean	V 3009 Conveyor	H 3530
●	●	●	●	●	●	●	●
●	-	-	-	-	-	-	-
2.0	1.5	1.5	1.5	1.5	1.5	(AKE 0.8)	3.0
0.5	0.5	0.5	0.8	0.8	0.5	(AKE 0.8)	1.0
●	●	●	●	●	●	●	●
class 3	class 0	class 0	class 0	class 0	class 0	class 0	class 0
-	●	●	-	-	-	-	-
5000	3500	4000	3000	2500	2500	3000	3500
5000	3500	4000	3000	3000	3000	3000	3500
510	345 (-)	435 (475)	325 (345)	(360)	-(/350)	310 (310)	-(/355)
325	315 (-)	150 (150/210)	300 (300)	(180)	-(/195)	150 (180)	-(/355)
¹⁾	690	660	440	-	-	300	-
-	-	700	490	-	-	335	370
-	-	850	670	(420)	(550)	480	520
-	-	-	-	-	-	○ 20 x 40 x 20	-
40 x 60 x 20	20 x 40 x 20	60 x 60 x 20	40 x 50 x 20	30 x 40 x 15 V2A	20 x 40 x 20	-	20 x 40 x 20
-	-	-	Anti Crash	Anti Crash	-	-	-
●	-	●	●	●	●	●	-
80 mm PO foamed	20 mm PO foamed	●	●	●	-	●	●
-	-	-	-	-	●	-	-
-	-	○	-	-	-	-	●
●	●	●	●	-	●	●	●
○	○	○	○	-	○	○	○
○	○	○	○	●	○	○	○
-	-	○	○	-	-	○	●
-	-	○	○	(●)	(●)	○	○
●	●	●	●	●	●	○	●
-	1-230 V, N, PE	1-230 V, N, PE	1-230 V, N, PE	1-230 V, N, PE	1-230 V, N, PE	○	1-230 V, N, PE
3-400 V, N, PE	-	-	-	-	-	3-400 V, N, PE	-
●	●	●	●	●	●	●	●
-/●	○/-	●/-	●/-	●/-	○/-	-/○	○/-
16A, slow-acting	16A, slow-acting	16A, slow-acting	16A, slow-acting	16A, slow-acting	16A, slow-acting	10 (16 slow- acting with FU)	16A, slow-acting
IP 54	IP 54	IP 54	IP 54	IP 65	IP 54	IP 54	IP 54
●	●	●	●	●	○	○	○
●	●	●	●	●	●	●	●
○	○	-	○	○	○	○	○
1-200	1-200	1-200	1-200	1-200	1-200	1-200	1-200
●	●	●	with spiral cable	-	●	●	●
-	-	-	-	-	-	-	-
●	●	-	●	●	●	●	●
●	●	●	-	●	●	●	-
○	-	-	-	-	-	-	-
●/-	-/-	-/-	●/-	-/-	-/-	-/-	-/●
-	○	-	-	-	○	○	-
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○

¹⁾ N-application LH+ 950 mm, V-application LH + 800 mm



1 Sectional door



2 Rolling shutters and rolling grilles



3 Folding doors made of steel and aluminium



4 High-speed doors



5 Loading technology

All from one source: for your facility construction.

1 Sectional door

These room-saving door-systems can be adapted to various hardware types for each industrial facility. This gives you planning safety when building a new development or making renovations. Hörmann offers you tailored solutions for every application: for instance full-glazed AS sectional doors for a clear view of inner rooms or high, thermally-insulated, double-skinned 80 mm thick DPU doors that guarantee even temperatures.

2 Rolling shutters and rolling grilles

With their simple design and reduced components, rolling shutters are extremely economical and robust. Hörmann supplies rolling shutters in widths and heights of up to 11.75 m and 9 m respectively, or special doors which are even higher. Numerous window and colour designs give you room for variety when designing your facility.

3 Folding doors made of steel and aluminium

Hörmann folding doors in steel and aluminium are recommended for halls with low traffic frequency and little headroom where no roof load is permitted. Fewer wearing parts make folding doors easy to repair and service.

4 High-speed doors

Hörmann high-speed doors are used both indoors and outdoors to optimise traffic flow, improve room climate and save on energy. The Hörmann range comprises clear-view doors with a flexible curtain that open vertically and horizontally. They can also be combined with sectional doors and rolling shutters. The benefit to you: the SoftEdge technology with built-in crash-protection makes high-speed doors extremely safe and economical.

5 Loading technology

Hörmann delivers complete loading systems for all your logistics needs. The benefit to you: sure planning, reliable construction management and high functionality due to perfectly designed components is guaranteed, irrespective of whether you need individual dock levellers or loading houses. All of these can be retrofitted to existing buildings as a complete unit with a loading bridge and dock seal.

6 Fire sliding doors

Hörmann delivers one and two-leaf sliding door solutions for all areas in a facility depending on the fire-protection level required, and with wicket-door and smoke-protection functionality for escape routes by choice.

7 Multifunctional doors

Hörmann multifunction doors and inner facility doors are suitable for indoor and outdoor use. Our one and two-leaf doors can be used anywhere where heavy-duty door elements are required. With numerous additional functions, Hörmann offers you solutions that cover almost all types of application in industry.

8 Fire and smoke-protection box-frame parts

Hörmann can supply you with doors and fixed glazing made of steel and aluminium for heavy-duty areas such as industrial building administration sections. The 100 % matching system-appearance guarantees the same looks irrespective of the fire class.

9 Visibility window

Hörmann visibility glazings are used as windows or room-high elements to provide more light and better visibility. Individual solutions can also be implemented with rail partitions, recesses and slopes.

10 Service

Only intact, professionally maintained systems ensure smooth production processes and safe routes. The statutory inspections and necessary repairs are professionally carried out and documented with an inspection and maintenance contract. This saves costs and ensures reliability.



6 Fire sliding doors



7 Multifunctional doors
Facility inner doors



8 Fire and smoke-
protection box-frame
parts

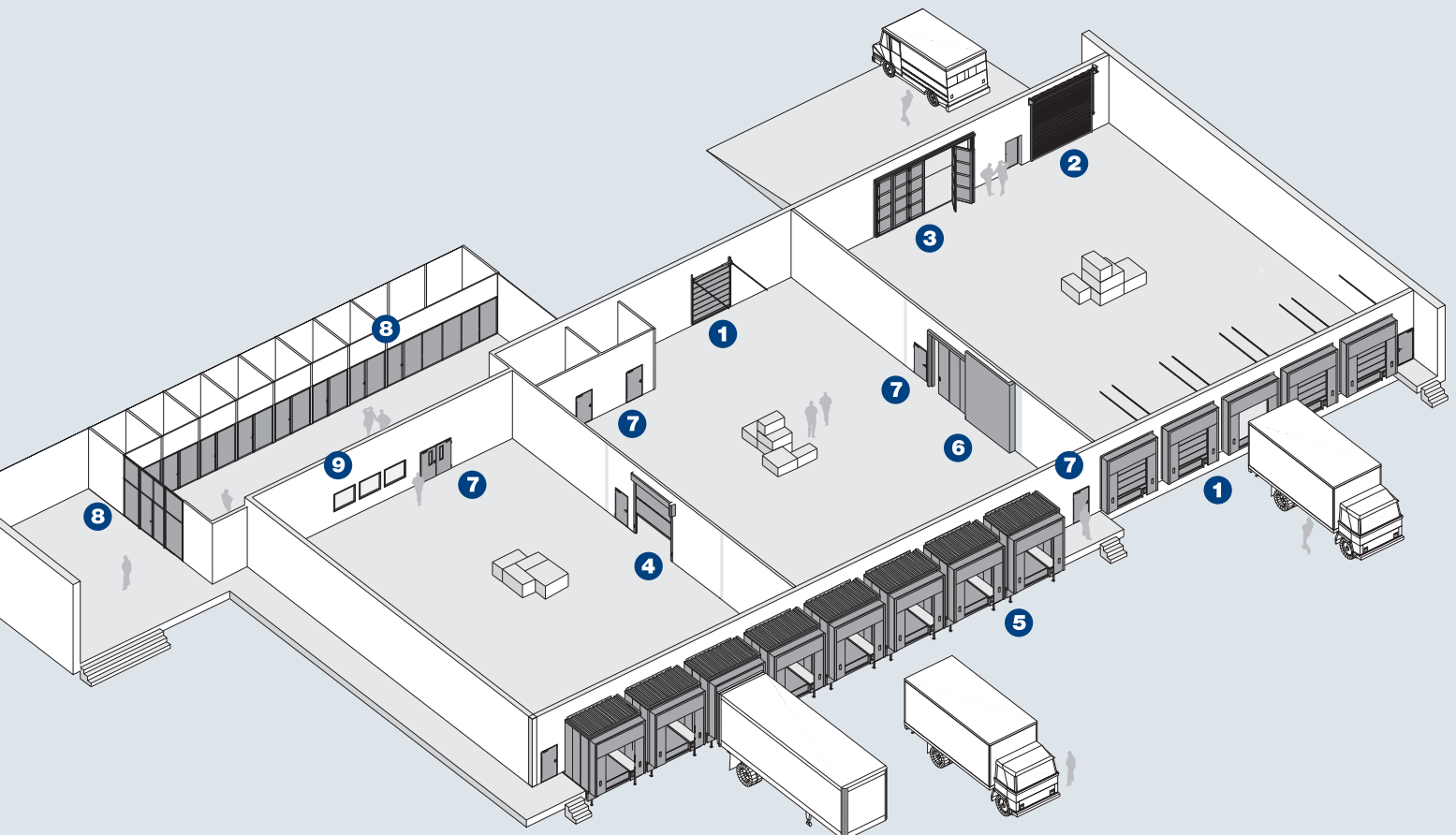


9 Visibility window



10 Service

As a construction element specialist Hörmann gives you the power to plan perfectly whatever your needs. Carefully matched, facility-construction solutions offer you the very best in perfectly designed products in every area.



Hörmann: Quality without Compromise



Hörmann KG Amshausen



Hörmann KG Antriebstechnik



Hörmann KG Brandis



Hörmann KG Brockhagen



Hörmann KG Dissen



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Hörmann KG Ichtershausen



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Hörmann Beijing, China



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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, and activities in the USA and China, 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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