

Hörmann's New Products for 2009

Innovations for strong partners



// The new Micrograin® surface finish for sectional garage doors

Micrograin® surface finish for sectional garage doors with L-ribbing

With its delicately lined profile, this impressive new surface exemplifies the elegance of modern architecture. The Micrograin® surface is available in inexpensive Traffic white as standard, as well as in 15 equally priced preferred colours and about 200 colours based on RAL.



// Three new variants for Decograin® surface finishes



Decograin® surface finish in Light Oak

The light, warm appearance of oak gives the garage door a welcoming, friendly touch that you will look forward to coming home to.

You can find further information in specific brochures and online at www.hoermann.com

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Decograin® surface finish in Night Oak

This new dark oak surface creates an intense and exciting contrast to bright facades and glass in modern buildings.



Decograin® surface finish in Titan Metallic

The slightly metallic effect on dark anthracite, similar in appearance to the shade CH 703, lends the new Decograin® surface finish "Titan Metallic" an elegant, high-quality flair. The surface is extremely well suited to exclusive modern building exteriors.

// Garage doors for individual designs



The sectional garage door for the sophisticated facade

Clean lines and shapes are in vogue. Seamless transitions from facade design to garage door design create a strong example of modern architecture.

The grid dimensions for on-site garage door cladding should already be taken into account during planning for the facade in order to ensure a harmonious, even appearance. The door is based on an ALR industrial sectional door. Available on request.





Larger standard widths LPU 40 XXL

Hörmann's sectional garage doors have "grown": the use of LPU 40 XXL doors now enables widths from 5500 to 6500 mm, in all ribbed versions. Special sizes on request.

Expressive panel style for up-and-over garage doors

More expressive with stronger profiles. The new panel style for up-and-over doors provides a new, expressive profile.

Doors of the year

The automatic sectional door "RenoMatic" and entrance door "RenoDoor" are convincing products with three high-quality surfaces in an exclusive appearance and cost-conscious special offer prices.

- Silkgrain® in white
- Decograin® in Golden Oak
- Decograin® in Titan Metallic

You can find further information in specific brochures and online at www.hoermann.com.



// Operator accessories for greater operating comfort



Radio finger-scan FFL 12

Every fingerprint is unique – making this entrance system extremely secure. In addition to its proven functions, the radio finger-scan now comes without cabling. This makes the installation of the stationary operating console significantly easier, as cable routing is no longer necessary.

Scanning in the fingerprints can be done easily and directly on the finger-scan.

Radio finger-scan FFL 12
for up to 12 individual fingerprints



You can find further information in specific brochures and online at www.hoermann.com.

New design for HSP 4 hand transmitter

The HSP 4 hand transmitter has a new design, promoting both elegance and quality. An additional chrome ring and black buttons contribute to the attractive appearance. The HSP 4 hand transmitter has four functions including signal lockout and a key ring.



Hand transmitter HSP 4
for up to four functions



// The new, powerful entrance gate operators



STA 400

The "specialist" for large, heavy gates

The new sliding gate operator STA 400 is specially designed for large gates. This high performance operator can move gates with weights up to 2500 kg, maximum widths of 14 m and heights of 3 m. The matching control B 460 FU assures precise starting and soft stopping of the gate. An electronic gate position sensor provides additional security during opening and closing.

// from summer 2009

LineaMatic H

Compact force

The LineaMatic series has been expanded to include a powerful sliding gate operator. The new LineaMatic H is the perfect operator for gates up to 10 m wide, 3 m high and 800 kg in weight.

// from summer 2009

Emergency battery

for LineaMatic

Power failure is not a problem: the emergency battery for LineaMatic operators ensures continuous operation for up to 18 hours.



// The new key switch posts for increased security in the entrance area

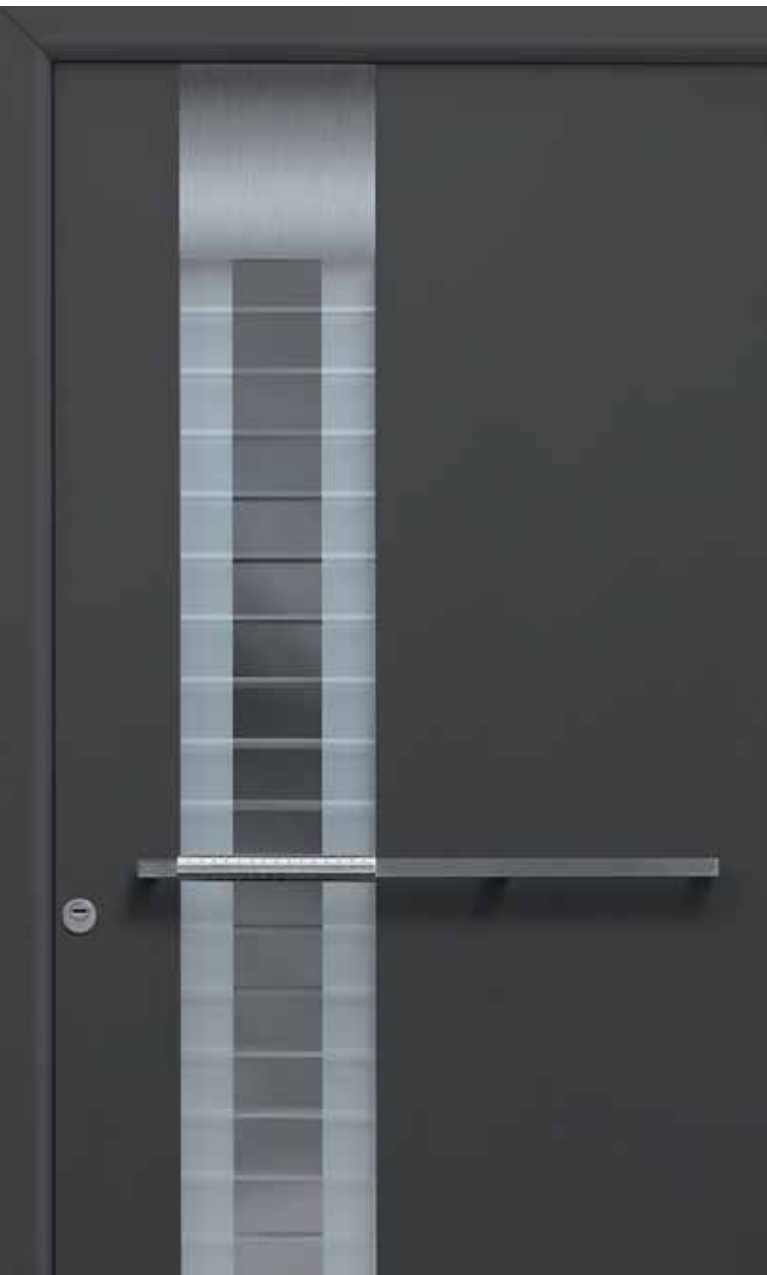
STL mini key switch posts for entrance gates

The new STL photocell system provides a greater amount of security for sliding and hinged gates. The system can be equipped with one or two photocells. If a single photocell function is sufficient, the second connection can be used to illuminate the entrance area with an LED light. The key switch post is available in an unobtrusive Slate grey colour (similar to RAL 7015). It is suitable for flexible use in the entrance area.

You can find further information in specific brochures and online at www.hoermann.com.



// New styles for TopComfort and TopPrestige entrance doors and greater control comfort with io-homecontrol®



New styles

The TopComfort entrance door range has been expanded to include 15 new styles. The new decorative styles feature milling in a variety of versions.

Stylish handle versions

The attractively designed handles are matched exclusively to the new entrance door styles and contribute to a harmonious overall appearance.

Fluted glazings

The new glazings with fluted glass ornamentation are also an excellent fit with the new styles.

Elegant hinge system for TopComfort and TopPrestige

The completely revised hinge system for entrance door types TopComfort and TopPrestige features softer contours and seamless transitions.

Interior hinge system for TopPrestigePlus

Adding more elegance to the high-quality aluminium entrance doors TopPrestigePlus, hinges are now located between the door leaf and frame.



Automatic security system H5 as standard

With this system the entrance door is automatically secured with quintuple locking. The automatic locking on this system can also be switched off to use the electric opener functions.

io-homecontrol® for doors and gates

With io-homecontrol® you have everything under control with a single hand transmitter: the convenient home technology solution allows you to control and check the status of Hörmann gate and garage door operators and now entrance doors as well.



io-homecontrol® provides advanced and secure radio technology that is easy to install. io-homecontrol® labelled products communicate with each other, improving comfort, security and energy savings.

www.io-homecontrol.com

// ThermoPro steel and aluminium entrance doors



46 mm thick door leaf



ThermoPro, the new product range of entrance doors

ThermoPro, the inexpensive entrance door range, convinces with top brand quality and appearance, high thermal insulation and 8-point locking as standard. The smooth steel or aluminium door leaf with a concealed leaf frame creates a clean aesthetic. Excellent thermal insulation with a U-value of up to $1.1 \text{ W/m}^2 \text{ K}$ is attained with a 46-mm thick, PU-foamed door leaf.

Steel entrance doors, a variety of styles and three frame versions

ThermoPro steel doors are available in two different styles. The panel styles for the classic look and the modern steel style with a straightforward design. Both series can be obtained in three frame versions. The heavy-duty steel version is ideal for side entrance doors not requiring thermal insulation. With its good thermal insulation values, the timber frame is particularly suitable for entrance doors. Aluminium frames provide the highest level of thermal insulation due to their profile construction with thermal break.

Aluminium entrance doors with optimum thermal insulation

The ThermoPro aluminium styles feature modern form and exclusive stainless steel and glass embellishments. In addition to their unique styles, these entrance doors stand apart through their excellent thermal insulation values. This door type is available with an aluminium frame as standard.

Doors of the year

The automatic sectional door "RenoMatic" and entrance door "RenoDoor" are convincing products with three high-quality surfaces in an exclusive appearance and economical special offer prices.

- Silkgrain® in white
- Decograin® in Golden Oak
- Decograin® in Titan Metallic

You can find further information in specific brochures and online at www.hoermann.com.



// Industrial sectional doors with a complete new design



The narrow profile view of the new industrial sectional doors with invisible section seams makes these doors an excellent choice for modern architectural applications with large-surface glazings.



Industrial sectional door ASR 40: more natural light, improved appearance and view

The complete new design of the frame construction for the industrial sectional door ASR 40 now has a profile of only 65 mm in width. Its sectional seams also present an elegant solution as the section gaps are no longer visible. This creates a harmonious door and facade appearance. For particularly clear view and better thermal insulation, the new 26 mm thick Duratec® glazing can be added, without spacers.

Industrial sectional door ASP 40 with bottom section in Micrograin® surface

The new industrial sectional door ASP 40 is based on the same frame construction as the ASR 40. Narrow 65 mm profiles and the new Duratec® glazing allow more light to enter the hall and provide an even better view. The 500 mm high, PU-foamed bottom section on the ASP door can be ordered with the new Micrograin® surface finish, in White aluminium as standard (similar to RAL 9006) on the exterior, stucco-textured inside. Additional bottom section heights: 1000 mm and 1500 mm.

Micrograin® - fine lines with a smooth surface

Micrograin® convinces with its smooth surface and characteristic lines. The new surface is available for ASP 40 doors as standard and optionally with SPU 40, APU 40 and TAP 40 door types. The Micrograin® surface finish can be ordered in 14 preferred colours, all at the same cost, and about 200 colours based on RAL.

You can find further information in specific brochures and online at www.hoermann.com.

// An improved view, better insulation and flush-fitting glazing on ALR 40 doors



Previous glazing with spacers



New 26 mm thick glazing

A clear view without spacers

The new standard Duratec® glazing is 26 mm thick, making the spacers superfluous. This means an unobstructed line of sight into the hall. An additional advantage of the new 26 mm thick glazing is the significantly improved thermal insulation. With the new glazing, the door's thermal insulation value has been improved by over 20% and ranges between 2.5 and 3.3 W/m²K, depending on the version.

Industrial sectional door ALR 40.

Elegance with flush-fitting glazing

The surface-mounted, flush-fitting glazing furnishes the aluminium sectional door ALR 40 with even greater expressiveness and elegance. Continuous glazing without cross-cutting profiles adds an eye-catching element to modern industrial structures and prestigious private buildings. Available on request.



// New folding door range as well as door and operator systems for collective garages



Industrial folding doors FAW, FSN, FPU and FMI, modern aesthetics with new hinge systems

With its 80 mm wide profiles, the steel folding door FSN matches the aluminium folding door FAW in its appearance. You can also obtain the FAW doors with prestigious rail-free glazing up to a door height of 4000 mm. As standard, the hinge systems for both door types are mounted inconspicuously between the door leaves in alignment with the seal. The locking systems are integrated in the frame profile and hidden from view.

You can find further information in specific brochures and online at www.hoermann.com.



ET500 collective garage door, greater application flexibility

The increased size range and new style variants increase your flexibility and room for manoeuvre. In addition to proven perforated steel sheet infill, solid aluminium sheet infill with an elegant smooth surface is also available. An additional variant can be obtained for on-site infills: with this option, the infill can also be fastened behind the frame, with the outer profile remaining visible. A matching side door has been added to the product range.



Underground garage multi-user control with convenient PC management

The new multi-user control facilitates the configuration and management of hand transmitters. Whereas before, the loss of one hand transmitter meant that all transmitters in use needed to be re-programmed in a time-consuming procedure, now only a single hand transmitter needs to be exchanged. Information management and coding is carried out on a standard PC. Ideal for underground garages with multiple users.

// **New high-speed doors with compact fitting dimensions and improved view**



High-speed door V2715 SE R with integrated compact tubular drive

This new high-speed door is the perfect solution for halls with limited space.

The tubular drive is integrated in the door shaft on the V2715 SE R. The cladding on the shaft and drive fits flush with the side guides.

// Improved high-speed doors, innovative hand transmitters for industrial applications and greater safety for loading bays



HSS 6530 spiral door with low headroom track application

Perfect for collective garages with low ceilings: on this door the spiral is especially low and requires less space than traditional section guides.

High-speed door V 6020 TR

Considerably greater transparency and quiet operation are some of the benefits of the new high-speed door with narrow spring steel wind locks. The curtain pockets on the wind locks serve as warning strips and are available in five RAL colours. The door is suitable for indoor and outdoor applications.

HSS 4530 Turboflex spiral door with plastic sections

This fast spiral door is the less expensive version of HSS 6530. It combines the benefits of a speed rolling shutter, which include precise door travel and fast opening speeds, with the features of a plastic curtain door. Colours for the individual plastic sections can be selected freely and combined. A transparent curtain is also available.

// from summer 2009

Industrial hand transmitter

This hand transmitter can control up to 1000 doors. It is equipped with a display and convenient quick selection button. Extra large buttons make it possible to operate the transmitter while wearing work gloves. As a time-saving feature, the coding for a hand transmitter can also be transferred via cable to other transmitters.

Buffer with sensor technology for safe docking

Integrated sensors in the buffer detect the lorry and control a "green/yellow/red" warning light system. While manoeuvring, the lorry driver can tell the distance from the docking area by the colour of the warning light. Red indicates that he has optimally docked with the loading bay.

Increased security for loading technology

Special security bolts are used at the outer edge of the loading ramp and only retract when the lorry has fully docked and the dock leveller is completely extended. This prevents objects from unintentionally sliding down the ramp.

You can find further information in specific brochures and online at www.hoermann.com.



// Fire sliding doors and fire doors with improved aesthetics and functioning



T30/T90/RS

Fire sliding door FST

The new fire sliding door is available in 3 versions (single-leaf, double-leaf and telescopic). The composite construction of the elements with an elegant edge recess and no cover strip provides a harmonious visual appearance, identical for the T30, T90 and smoke protection versions. New "stucco-textured" and "stainless steel" surfaces grant individual design options. Further advantages of the new construction include compact fitting dimensions and flexibly adjustable mounting brackets that enable space-saving installation. The new wicket door, without a threshold rail as standard, is also available for smoke protection doors.



Concealed hinges for steel fire doors STS/STU

The smooth appearance of flush-closing STS doors is now supported by concealed hinges. In addition, you may order the STS doors as well as the rebated STU door in a 100% stainless steel version. Find out more in the product brochure and the new full brochure "Stainless steel doors and frames".

Mortar-free frame fitting

The new Hörmann fitting foam HF1 supports easy and fast fitting for Hörmann T30 aluminium and steel fire doors as well as multi-function door with block frame, without additional mineral wool backfill or mortar. The steel fire door H8-5 is now also available in the block frame variant with mineral wool infill ex factory.



// Fire protection elements for special applications and steel doors with harmonious aesthetics



You can find further information in specific brochures and online at www.hoermann.com.

Steel fire door H6

The new steel fire door can now be obtained as a thin rebate version with a door leaf thickness of 65 mm. The door is approved as "T60 high fire resistance" according to the European Standard and has already been authorised for use in 6 countries. This multi-function door can be ordered with numerous optional extras such as glazings, anti-panic locks and handles, break-in-resistant WK² equipment and an additional smoke protection function.

Steel fire door Quadro EI90

The Quadro fire door with rebate on four sides is now available in a fire-resistant EI2 90 version.

Handicapped-accessible construction

For the entire Hörmann product range of doors (tubular frame and steel fire doors, internal steel doors as well as aluminium entrance doors) you can order numerous equipment versions such as lever handles with Braille in the appropriate height or automatic door functions with warning signals for "handicapped-accessible construction".

T30 automatic sliding door

Effective immediately, the T30 automatic sliding door can now be obtained with an official approval as a fire-retarding, smoke-tight fire protection element.

Steel internal door ZK

For the decorative timber surface finish "Golden Oak" you can now order a matching corner frame in the same finish. This allows for a harmonious overall impression of natural timber with all the benefits of a steel internal door.

Hörmann: Quality without Compromise



Hörmann KG Amshausen



Hörmann KG Antriebstechnik



Hörmann KG Brandis



Hörmann KG Brockhagen



Hörmann KG Dissen



Hörmann KG Eckelhausen



Hörmann KG Freisen



Hörmann KG Ichtershhausen



Hörmann KG Werne



Hörmann Genk NV, Belgium



Hörmann Beijing, China



Hörmann LLC, Montgomery IL, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source.

We manufacture in highly-specialized factories using the latest production technologies.

The close-meshed network of sales and service companies throughout Europe, 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

