Sliding Gates
Self-supporting construction, high security standards, completely pre-assembled
Hörmann sliding gates made of stable steel profiles are delivered as a door set, with an opening width of up to 16 m. Thus, with 2-element versions, a width of 32 m can be attained. The construction is self-supporting.

**Your advantages:** very little foundation work, no guide rail fitting and no gate travel malfunctions due to ice, snow or heavy soiling.

**Always optimally aligned**
Pre-tensioning the gate leaf construction reduces distortion. A tension element allows the height of the front edge to be corrected retroactively. The gate leaf is precisely positioned in the entrance.

Hörmann sliding gates in a sophisticated design
The ideal protection for wide passages
Innovative Gate Technology
The difference is in the detail

1. **Sliding gate operator integrated invisibly into the bottom beam**
   This is not only the most attractive solution, but also offers more protection from adverse effects of the weather and unauthorised access at the same time.

2. **Manual operation in case of power failure**
   In case of power failure, you can quickly and easily switch the gate from electric to emergency operation. The gate can then be opened or closed in manual emergency operation with very little effort.

3. **Heavy-duty polyamide track rollers**
   Polyamide is a wear-resistant material, thus low in wear and maintenance. Together with the double ball-bearing, it guarantees quiet travel.

4. **Specially coated track rollers**
   Thanks to the elaborate roller bearings of the plastic track rollers in enclosed housings, your extremely smooth-running gate features noise protection.

5. **Safe automatic control**
   Five self-monitoring closing edge safety devices stop the gate instantly – even on encountering the slightest resistance.

6. **Additional aluminium guide rollers**
   Aluminium guide rollers are attached to the top edge of the gate leaf on both sides of the gate, preventing direct contact between the track rollers and the high-quality gate coating. This preserves the gate’s attractive look.

7. **Safe control electronics**
   The electronic control system is integrated into the post. It is located on the yard side. To carry out maintenance or adjustment work, the front flap only needs to be unlocked. An individually coded hand transmitter makes opening the sliding gate especially convenient for the drivers in your company vehicle fleet. This is a great advantage for frequently used gates.

   - A powerful electronic system for all control functions
   - Contact strip evaluation
   - Radio control
   - Card reader system
   - Automatic timed opening / closing
   - Induction loops
   - Photocells
   - Display: Open, Close, Gate travelling
   - Always optimally aligned

**Colour palette based on RAL**
You can choose between 7 standard colours as well as special colours available on request.

- RAL 5010 Gentian blue
- RAL 6005 Moss green
- RAL 7016 Anthracite grey
- RAL 7030 Stone grey
- RAL 7032 Pebble grey
- RAL 9010 Pure white
- Silver grey (similar to zinc)**

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* Included in the scope of delivery with type HS, optionally available with type HSS/HS Alu
** Not for HS Alu
Steel Sliding Gates HSS
A basic version with a door width of up to 9 m

The Hörmann sliding gate HSS consists of high-quality individual components and requires a comparatively low investment sum. The HSS sliding gate offers a convenient package and fits beautifully and harmoniously into your premises. It is in no way inferior to sliding gate HS when it comes to safety and quality.

Depending on the width of your entrance, you can choose between two gate types and additional equipment options:

**HSS 160**
Bottom beam height 160 mm / bottom beam depth 165 mm
Clear passage width up to 7000 mm
Operator power 0.18 kW

**HSS 200**
Bottom beam height 200 mm / bottom beam depth 165 mm
Clear passage width up to 9000 mm
Operator power 0.37 kW

**Optional extras for sliding gate HSS**
- Intermediate height measurements
- Surface in RAL to choose
- Drill stencil as a fitting device
- Reflective warning strips on the bottom beam
- Climb-over protection (spiked ledge) from 1.8 m height
- Protective rail for top beam, made of aluminium, on both sides
- Fence fixing for fence on both sides attached to the gate
- Side door 1000 mm wide, prepared for plug-and-screw fitting
- Contact strips
- Flashing warning light
- Intercom
- Induction loop detector
- Weekly timer

**Size table**

<table>
<thead>
<tr>
<th>Total gate height</th>
<th>HSS 160</th>
<th>HSS 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
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<tr>
<td>1600</td>
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</table>

<table>
<thead>
<tr>
<th>Clear passage width</th>
<th>3000</th>
<th>4000</th>
<th>5000</th>
<th>6000</th>
<th>7000</th>
<th>8000</th>
<th>9000</th>
</tr>
</thead>
</table>

* Incl. approx. 100 mm distance to ground
All details in mm.
Steel Sliding Gates HS
An individual version with a door width of up to 16 m

The first impression is crucial – this is why it is important that your business associates, visitors and employees immediately get the right impression upon entering or driving into your premises. This is ensured by the wealth of design possibilities available to you with this gate. Individual demands require customised solutions.

Depending on the width of your entrance, you can select between four gate types and many optional extras:

**HS 160**
Bottom beam height 160 mm / bottom beam depth 165 mm
Clear passage width up to 7000 mm
Operator power 0.18 kW

**HS 200**
Bottom beam height 200 mm / bottom beam depth 165 mm
Clear passage width up to 10000 mm
Operator power 0.37 kW

**HS 280**
Bottom beam height 280 mm / bottom beam depth 200 mm
Clear passage width up to 12000 mm
Operator power 0.75 kW

**HS 400**
Bottom beam height 400 mm / bottom beam depth 200 mm
Clear passage width up to 16000 mm
Operator power 0.75 kW

Optional extras for sliding gate HS
- Intermediate heights and widths
- Surface in RAL to choose
- Drill stencil as a fitting device
- Special foundation plan acc. to local conditions
- Special gate leaf infills
- Sliding gate up to a maximum height of 2000 mm and width of 12000 mm adjusted to the site gradient, max. 3 % slope, incl. brake for emergency operation
- Reflective warning strips on the bottom beam
- Key safe F 3100, fitted in the guide post
- Soft start device (recommended for frequent gate cycles)
- Climb-over protection (spiked ledge) from 1.8 m height
- Fence fixing for fence on both sides attached to the gate
- Side door 1000 mm wide, prepared for plug-and-screw fitting
- Additional contact strips
- Flashing warning light or rotating warning light
- Intercom
- Induction loops (optionally with multi-function control)
- Additional closing edge safety device
- Weekly / yearly timer
- High-speed system

### Size table

<table>
<thead>
<tr>
<th>Total gate height*</th>
<th>2400</th>
<th>2200</th>
<th>2000</th>
<th>1800</th>
<th>1600</th>
<th>1200</th>
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</tbody>
</table>

* Incl. approx. 100 mm distance to ground
All details in mm.
Aluminium Sliding Gates HS Alu
A basic version with a door width of up to 13 m

The Hörmann aluminium sliding gate HS Alu is an alternative to large gates. With the patented modular design of the bottom beam, gates with a clear passage of up to 13 m can be produced inexpensively. The inlaid silver strip gives the heavy-duty gates a distinctive, delicate look.

You can choose between four gate types and many accessory variants, depending on the width of your entrance:

**HS Alu 200**
Bottom beam height 200 mm / bottom beam depth 175 mm
Clear passage width up to 7000 mm / 9000 mm**
Operator power 0.18 kW

**HS Alu 240**
Bottom beam height 240 mm / bottom beam depth 175 mm
Clear passage width up to 9000 mm / 11000 mm**
Operator power 0.37 kW

**HS Alu 340**
Bottom beam height 340 mm / bottom beam depth 175 mm
Clear passage width up to 11000 mm / 12000 mm**
Operator power 0.37 kW

**HS Alu 440**
Bottom beam height 440 mm / bottom beam depth 175 mm
Clear passage width up to 13000 mm
Operator power 0.37 kW

Optional extras for sliding gate HS Alu
- Intermediate heights and widths
- Surface in RAL to choose
- Drill stencil as a fitting device
- Reflective warning strips on the bottom beam
- Climb-over protection (spiked ledge) from 1.8 m height
- Fence fixing for fence on both sides attached to the gate
- Flashing warning light or rotating warning light
- Additional contact strips
- Induction loop detector
- Protective rail for top beam (made of aluminium, on both sides)
- Weekly timer

**Size table**

<table>
<thead>
<tr>
<th>Total gate height**</th>
<th>HS Alu 200</th>
<th>HS Alu 240</th>
<th>HS Alu 340</th>
<th>HS Alu 440</th>
</tr>
</thead>
<tbody>
<tr>
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<td>9000</td>
<td>10000</td>
<td>11000</td>
<td>12000</td>
<td>13000</td>
</tr>
</tbody>
</table>

** Incl. approx. 100 mm distance to ground
All details in mm.
Special Equipment
For specific requirements

- **Climb-over protection**
  Climb-over protection consists of a 50-mm-high spiked ledge, which is welded along the entire length of the top beam.

- **Flashing warning light**
  The installed flashing warning light serves as a safety precaution to prevent accidents.

- **Fence fixing**
  The fence fixing attached to one side of guide post or front post is perfectly matched to the gate’s design.

- **LED rotating warning light**
  On request, the rotating warning light, fitted to the base of the guide post, is also available with a protective cage.

- **Side pedestrian door**
  The single-leaf door is 1000 mm wide and available in heights from 800 – 2400 mm.

- **Warning strips**
  The red / white reflective warning strips are attached to both sides of the bottom beam.

- **Intercom**
  To enable visitors to communicate with the gatekeeper or the reception, the intercom can be fitted in the guide post or the front post.

- **Yearly timer**
  Switches automatic operation ON / OFF, takes holidays into account.
Technical Data
For HSS 160, 200

An on-site protection fence in accordance with DIN EN ISO 18357 (mesh < 18.5 mm) or an additional electro-mechanical safety contact strip are required for gate type HSS with impulse control.

Option: Tubular fitting
Gate opening seen from the outside, to the right

Not required for electrical operation

Required from 5 m LD

Option: Tubular fitting
Gate opening seen from the outside, to the right

Not required for electrical operation

Required from 5 m LD

Sliding gate HS 160, 200, 280, 400

Connecting lead in accordance with VDE regulations
L ≤ 100 m = NYY 5 × 2.5 mm²
L ≥ 100 m = after consultation

Connection cable in accordance with VDE regulations

All tubes 200 × 200 x depth

No tube for manually operated gates

Possible fence direction

Interior
Exterior

View A

Tube according to the applicable regulations
Dimensions
For HSS 160, 200 and HS 160, 200, 280, 400

### Gate leaf

<table>
<thead>
<tr>
<th>Gate</th>
<th>Gate leaf</th>
<th>Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>6</td>
<td>600</td>
<td>2200</td>
</tr>
<tr>
<td>7</td>
<td>660</td>
<td>2400</td>
</tr>
</tbody>
</table>

### Preferred dimensions (mm):

- 1600 / 1800 / 2000
- 1850 / 2000
- 2150 / 2300

### Foundation

- From top edge of foundation (+/- 0)
- From top edge of foundation
- Preferred dimensions (mm):
  - 1600 / 1800 / 2000 / 2200 / 2400
  - 1850 / 2000
  - 2150 / 2300

Take into account the directives for laying electric cables. Foundation size for floor class 3. With a class below 3, the foundations must be increased accordingly.
Technical Data
For HS Alu 200, 240, 340, 440

Possible fence direction

Connecting lead in accordance with VDE regulations
L < 100 m = NY 5 x 2.5 mm
L ≥ 100 m = after consultation

Rear buffer roller
Required from 5000 mm LD

Gate opening seen from the outside, to the right

Photocell (key switch etc.)

An on-site protection fence in accordance with DIN EN ISO 13857 (mesh < 20 mm) or an additional electro-mechanical safety contact strip are required for gate type HS Alu.

Tube Ø 100
(not required for manual gates)

Aluminium post details
Steel post details

Tube Ø 50
# Dimensions

## For HS Alu 200, 240, 340, 440

<table>
<thead>
<tr>
<th>Gate</th>
<th>Gate leaf</th>
<th>Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear passage width (m)</td>
<td>Total gate weight with a gate height of 2 m (kg)</td>
<td>Available total gate height</td>
</tr>
<tr>
<td>3</td>
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<td>C</td>
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<tr>
<td>4</td>
<td>335</td>
<td>D</td>
</tr>
<tr>
<td>4.5</td>
<td>355</td>
<td>E</td>
</tr>
<tr>
<td>5</td>
<td>375</td>
<td>F</td>
</tr>
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<td>5.5</td>
<td>390</td>
<td>G</td>
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<td>6</td>
<td>405</td>
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<td>6.5</td>
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<td>L</td>
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<td>K</td>
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<tr>
<td>8</td>
<td>530</td>
<td>c</td>
</tr>
<tr>
<td>8.5</td>
<td>590</td>
<td>b</td>
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### HS Alu 200

<table>
<thead>
<tr>
<th>B – 100 mm</th>
<th>1000 / 1200 / 1400 / 1600 / 1800 / 2000 / 2200 from top edge of foundation (+/– 0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3200</td>
<td>1350  4810  4900  3350  –  8710  2850  1850  –  1.5</td>
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<tr>
<td>3700</td>
<td>1350  5310  5400  3850  –  9710  3350  1850  –  1.5</td>
</tr>
<tr>
<td>4200</td>
<td>1450  5910  6000  4350  – 10810  3850  1950  –  1.5</td>
</tr>
<tr>
<td>4700</td>
<td>1550  6510  6600  4850  – 11910  4350  2050  –  1.6</td>
</tr>
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<td>1650  7310  7400  5350  12310  4850  2350  2.2</td>
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<tr>
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</table>

### HS Alu 200/240

<table>
<thead>
<tr>
<th>B + 100 mm</th>
<th>Alu double post B + 110</th>
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<tbody>
<tr>
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<tr>
<td>8200</td>
<td>2650  11110  11200  8350  7100  20010  240</td>
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<tr>
<td>8700</td>
<td>3050  12010  12100  8850  7600  21410  340</td>
</tr>
<tr>
<td>9200</td>
<td>3050  12510  12600  9350  8300  22410  340</td>
</tr>
<tr>
<td>9700</td>
<td>3450  13410  13500  9850  8800  23810  340</td>
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<td>10700</td>
<td>3850  14810  14900  10850  10300  26210  340</td>
</tr>
<tr>
<td>11200</td>
<td>3850  15310  15400  11350  10800  27210  340</td>
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<tr>
<td>11700</td>
<td>4250  16410  16500  11850  11300  28810  340</td>
</tr>
<tr>
<td>12200</td>
<td>4250  16910  17000  12350  11700  29810  340</td>
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<td>12700</td>
<td>4450  17610  17700  12850  12150  31010  340</td>
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<tr>
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<td>4450  18110  18200  13350  12650  32010  340</td>
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</table>

### HS Alu 240 / 340

<table>
<thead>
<tr>
<th>B + 115 mm</th>
<th>Steel post B + 115</th>
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</thead>
<tbody>
<tr>
<td>1700</td>
<td>2450  10410  10500  7850  6600  18810  200</td>
</tr>
<tr>
<td>2200</td>
<td>2650  11110  11200  8350  7100  20010  240</td>
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<td>2700</td>
<td>3050  12010  12100  8850  7600  21410  340</td>
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<td>3200</td>
<td>3050  12510  12600  9350  8300  22410  340</td>
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<td>5700</td>
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<td>6700</td>
<td>4450  17610  17700  12850  12150  31010  340</td>
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<tr>
<td>7200</td>
<td>4450  18110  18200  13350  12650  32010  340</td>
</tr>
</tbody>
</table>

### HS Alu 340 / 440

* From total gate height 2200 mm

Take into account the directives for laying electric cables. Foundation size for floor class 3. With a class below 3, the foundations must be increased accordingly.
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”.

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 Ichtershausen, 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

GARAGE DOORS
OPERATORS
INDUSTRIAL DOORS
LOADING EQUIPMENT
HINGED DOORS
DOOR FRAMES