Sliding and retractable door systems
Ergonomics: Always in reach. Never in the way. In terms of ergonomics and convenience, sliding doors are a cut above any other door system. That's clear to see in everyday use: open sliding doors don't get in the way where space is at a premium. Open doors on wall units are not likely to leave you injured. Sliding doors are also easy to open without stretching or dodging out of the way.

Design: Unadulterated form. Distinctive surfaces. Sliding doors provide the key to picking up on modern, spacious interior design and cleverly carry it through in furniture. Because large surface doors, particularly with flush fitted sliding door systems, are the ideal creative element for purist interior design. Hettich sliding door systems impress with narrow reveals that hardly detract from the homogeneous look of furniture front panels. Only a few reveals are visible on large format front panels anyway. Elegant fascias reduce the number of reveals to a minimum. Easy precision adjustment provides superb finished results with perfect reveal alignment.

Functionality: First easy. Then quiet. Sliding doors are particularly good at meeting the demands that users place on cabinet doors today: they are easy to open and close. The ergonomic benefit provided by the linear door action of sliding doors is optimised further still by low opening forces. The convenient Silent System closes the sliding door quietly and gently. Altogether, Hettich sliding door systems leave no margin for doubt with reliable quality, superb smooth running action and a long service life.

Everyone does it: Slide it. Love it. People like to keep it simple. On their tablet PCs. On their smartphones. The revolutionary aesthetic appeal of virtual sliding fascinates millions: gentle, flowing movement, simply at the touch of a finger. But sliding in the real world's right on trend too. Truly practical cars have a sliding door, a sliding roof provides fresh air and a feeling of freedom, and at home we slide panel curtains and doors as room dividers or on furniture. Are you open to new trends? Because if you are, new doors are about to open for you too. In this case they open to the side. Whether for the bedroom, living room or kitchen furniture – Hettich gives you innovative sliding door systems that go perfectly with your furniture. Are you open to a new love? Welcome to Hettich.
## Sliding and retractable door systems

- **Summary of ranges**

### Sliding door systems / top running
- Range summary / technical comparison

### Retractable door systems
- Range summary / technical comparison

### Technical information
- Calculating door weights
- Design advice sliding door systems
- Quality criteria
### Sliding door system / top running

<table>
<thead>
<tr>
<th>Description</th>
<th>Page</th>
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<tbody>
<tr>
<td>InLine XL</td>
<td>6</td>
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<tr>
<td>Top running sliding door system for large cabinets with 2 doors</td>
<td>8</td>
</tr>
<tr>
<td>TopLine XL</td>
<td>8</td>
</tr>
<tr>
<td>Top running sliding door system for large cabinets with 1, 2, 3 or 4 doors</td>
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<table>
<thead>
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<tr>
<td>Door position</td>
<td>Overlay</td>
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<tr>
<td>Door weight</td>
<td>80 kg max.</td>
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<tr>
<td>Door material</td>
<td>Wood / wood, aluminium</td>
</tr>
<tr>
<td>Door width mm</td>
<td>700 – 2000 mm</td>
</tr>
<tr>
<td>Door height mm</td>
<td>2600 mm max.</td>
</tr>
<tr>
<td>Silent System</td>
<td>Soft closing, soft opening, soft colliding, soft guiding</td>
</tr>
</tbody>
</table>
Classy and ergonomic: handleless, flush fitted doors conveniently open from the leading edge.

Doors open without any protrusion for unobstructed access and maximum use of storage space.

Making it big – with little effort: high degree of preassembly for speed and cost efficiency.

Very easy to install: in just a few steps – also on floor to ceiling cabinets.

Premium design. Premium convenience. The flush fitted InLine XL sliding door system fascinates with its purist and classy look. It's the first sliding door system to do away with handles completely. This lets you design cabinets of stunningly clear cut design. The handleless flush fitted doors can be opened from the leading edge and moved with exceptional ease. And if handles are used, they can be fitted at any chosen position on the front panel. InLine XL makes maximum use of a cabinet’s storage space: when opened, the doors can be positioned one in front of the other leaving them completely flush – to provide full access across the entire compartment width. And the design is overwhelming too: no offset to spoil the look, hardly any visible reveals, fascinating flush fit. Sliding doesn’t get better than this.

Phased-out as of July 2018
Sliding door system / top running

- InLine XL / flush fitted door position
- Performance summary

Technical details in brief
- Top running sliding door system
- Flush fitted door position
- For wooden or aluminium framed doors
- Door weight up to 60 kg
- Door height up to 2600 mm
- Door width 750 - 2000 mm
- Door thicknesses 16 - 25 mm
- Height adjustment, adjustable door reveal and tilt adjustment
- Silent System (adjustable) in opening and closing direction
- Tested to DIN EN 15706

Door size and door weight

<table>
<thead>
<tr>
<th>TH ≤ 2600</th>
<th>750</th>
<th>950</th>
<th>1150</th>
<th>1500</th>
<th>2000</th>
</tr>
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<tr>
<td>TB ≤ 2000</td>
<td>2000</td>
<td>2200</td>
<td>2400</td>
<td>2600</td>
<td>2800</td>
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</table>

TB 750 - 2000
TH ≤ 2000 2200 2400 2600 ...
2600

Door material

<table>
<thead>
<tr>
<th>Door material</th>
<th>16 - 25 mm</th>
<th>16 - 25 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of door wings and door position</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soft closing</th>
<th>2-door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft opening</td>
<td></td>
</tr>
</tbody>
</table>
Invisibly smart. Whisper quiet. With TopLine XL, you can create sliding doors in a new dimension of luxurious convenience. Because the concealed premium quality sliding door system brings fascinatingly smooth, quiet running action to large surface doors weighing up to 80 kg. Invisibly mounted, the soft opening, soft closing and soft colliding Silent System provides perfect convenience with a feel of luxury. The TopLine XL system gives you maximum flexibility in designing cabinets because it can be adjusted in many different ways. The fast installation of doors, Silent System and profiles saves a lot of time and money.

Opens easily, closes gently: Silent System for first class user convenience on any door.

Excellent running action: fascinatingly smooth and virtually silent.

Function meets design: fully concealed system without any loss of storage space.

Fast and no screws: Silent System simply threads in and locks into place.

Tool-less clip on installation: for fast and easy installation of runner and guide profile.

Fast door installation: hook doors into the runner profile, clip runners into place – job done!

More design flexibility: position handles wherever chosen, nothing in the way of opening inset drawers.

Perfect reveal alignment: easy height adjustment even with doors in place.
## Technical details in brief
- 2-track, top running sliding door system
- Overlay door position
- For wooden doors or wood / aluminium framed doors
- Door weight up to 80 kg
- Door height up to 2600 mm
- Door width 700 – 2000 mm
- Door thicknesses 16, 18, 19, 22, 25, 28, 40, 50 mm
- Height adjustment ± 2 mm
- Door height, door offset and door reveal adjustable
- Easy to open with minimal opening resistance
- Silent System in closing, opening and colliding direction
- Fast installation of runner systems and Silent System
- Tested to DIN EN 15706, Level 3

### Door size and door weight

<table>
<thead>
<tr>
<th>Door size</th>
<th>Door weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 2600</td>
<td>≤ 80 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door size</th>
<th>Door weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>700 - 2000</td>
<td>≤ 80 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door size</th>
<th>Door weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>700 - 1000</td>
<td>≤ 80 kg</td>
</tr>
</tbody>
</table>

### Door material
- Door thicknesses: 16, 18, 19, 22, 25, 28, 40, 50 mm
- Height adjustment: ± 2 mm

### Number of door wings and door position
- 1-door
- 2-door
- 3-door
- 4-door

### Silent System

<table>
<thead>
<tr>
<th>Door Position</th>
<th>1-door</th>
<th>2-door</th>
<th>3-door</th>
<th>4-door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft closing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soft opening</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soft colliding</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TopLine M</td>
<td>SysLine S</td>
<td>TopLine 25 / 27</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Top running sliding door system for cabinets with 1, 2 or 3 doors</td>
<td>Top running sliding door system for cabinets with 1 or 2 doors</td>
<td>Top running sliding door system for cabinets with 1, 2 or 3 doors</td>
<td></td>
</tr>
<tr>
<td><strong>Number of runners</strong></td>
<td>2</td>
<td>1 / 2</td>
<td>1 / 2</td>
<td></td>
</tr>
<tr>
<td><strong>Door action</strong></td>
<td>Horizontal</td>
<td>Horizontal</td>
<td>Horizontal</td>
<td></td>
</tr>
<tr>
<td><strong>Door position</strong></td>
<td>Overlay</td>
<td>Inset</td>
<td>Inset</td>
<td></td>
</tr>
<tr>
<td><strong>Door weight</strong></td>
<td>35 kg max.</td>
<td>15 kg max.</td>
<td>25 kg max.</td>
<td></td>
</tr>
<tr>
<td><strong>Door material</strong></td>
<td>Wood</td>
<td>Wood / wood, Aluminium</td>
<td>Wood</td>
<td></td>
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<tr>
<td><strong>Door width mm</strong></td>
<td>500 – 1250 mm</td>
<td>400 mm min.</td>
<td>500 mm min.</td>
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<tr>
<td><strong>Door height mm</strong></td>
<td>2300 mm max.</td>
<td>1500 mm max.</td>
<td>2000 mm max.</td>
<td></td>
</tr>
<tr>
<td><strong>Silent System</strong></td>
<td>Soft closing</td>
<td>Soft closing, Soft opening</td>
<td>Soft closing</td>
<td></td>
</tr>
</tbody>
</table>
Great look for small formats. The TopLine M sliding door system lets you bring great design format to small sized cabinets – with doors weighing up to 35 kg. TopLine M also fits on standardised carcases originally designed for overlay hinged doors. This makes it ideal for converting existing cabinets – from hinged doors to space saving sliding doors.

- Smooth & quiet: Silent System lets doors close quietly and gently.
- Quickly transformed: from hinged door to sliding door – without structural modifications.
- Want it wide: Fully overlapping doors for wide internal drawers.
- Free to choose: the bottom profile can also be mounted below or in front of the bottom panel.
Top running sliding door system

- TopLine M / overlay door position
- Performance summary

### Technical details in brief
- 2-track, top running sliding door system
- Overlay door position
- For wooden doors
- Door weight up to 35 kg
- Door height up to 2300 mm
- Door width 500 - 1250 mm
- Door thicknesses 15, 16, 18, 19 mm
- 2 opening versions: fully flush or offset when using projecting handles
- Tested to EN 15706, Level 2

### Door format and door weight

![Door format and door weight diagram](image)

- Door height ≤ 2300 mm
- Door width 500 - 1250 mm
- Door weight ≤ 35 kg

### Door material

![Door material diagram](image)

- Door material: 15 - 19 mm

### Number of door wings and door position

![Number of door wings and door position diagram](image)

#### Silent System

<table>
<thead>
<tr>
<th></th>
<th>1-door</th>
<th>2-door</th>
<th>3-door</th>
</tr>
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<tbody>
<tr>
<td>Soft closing</td>
<td><img src="image" alt="1-door soft closing" /></td>
<td><img src="image" alt="2-door soft closing" /></td>
<td><img src="image" alt="3-door soft closing" /></td>
</tr>
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</table>

See pages 75 – 76
Top running sliding door system

- TopLine M / overlay door position
- Performance summary

Operating principle / installation dimensions

Operating principle / flush opening

Operating principle / offset opening
**STB 16.1 set for runner system in front of the bottom panel**

- Offset opening for applications with door handles or finger pulls (door offset: 58 mm)
- Flush opening for handleless applications and when using internal drawers (door offset: 0 mm)
- Running components with integrated lift off guard
- Package contains all the fitting parts required for an entire 2-door cabinet
- For door thicknesses of maximum 19 mm (EB 29)

Set comprises:
- 2 running components for one front most door
- 2 running components for one rear most door
- 2 guide components for one front most door
- 2 guide components for one rear most door
- 2 support blocks for the runner profile
- 2 end stops for the runner profile
- 1 spacer for offset opening
- Fixing material

Advice:
- Please order profiles separately

<table>
<thead>
<tr>
<th>Version</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>9 133 612</td>
<td>1 set</td>
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</tbody>
</table>

**STB 16.2 set for runner system below the bottom panel**

- Offset opening for applications with door handles or finger pulls (door offset: 58 mm)
- Flush opening for handleless applications and when using internal drawers (door offset: 0 mm)
- Running components with integrated lift off guard
- Package contains all the fitting parts required for an entire 2-door cabinet
- For door thicknesses of maximum 19 mm (EB 29)

Set comprises:
- 2 running components for one front most door
- 2 running components for one rear most door
- 2 guide components for one front most door
- 2 guide components for one rear most door
- 2 support blocks for the runner profile
- 2 end stops for the runner profile
- 1 spacer for offset opening
- Fixing material

Advice:
- Please order profiles separately

<table>
<thead>
<tr>
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<tbody>
<tr>
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</tbody>
</table>
Sliding door system / top running

- TopLine M / overlay door position
- System components / 2 door

### Silent System soft closing set

- Quietly and gently closing sliding doors
- Little effort required for easy door movement

**Set comprises:**
- 2 soft closing elements
- 2 activators
- 4 mounting adapters
- 2 end stops
- Fixing material

**Advice:**
- Please order fitting sets and profiles separately
- Soft closing element can only be used for offset opening

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9 144 901</td>
<td></td>
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</table>
**STB 16.1 set for runner system in front of the bottom panel**

- Offset opening for applications with door handles or finger pulls (door offset: 58 mm)
- Flush opening for handleless applications and when using internal drawers (door offset: 0 mm)
- Running components with integrated lift off guard
- Package contains all the fitting components required for an entire 3-door cabinet
- For door thicknesses of maximum 19 mm (EB 29)

Set comprises:
- 2 running components for one front most door
- 4 running components for two rear most doors
- 2 guide components for one front most door
- 4 guide components for two rear most doors
- 2 support blocks for the runner profile
- 2 end stops for the runner profile
- 1 spacer for offset opening
- Fixing material

Advice:
- Please order profiles separately

<table>
<thead>
<tr>
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<tbody>
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**STB 16.2 set for runner system below the bottom panel**

- Offset opening for applications with door handles or finger pulls (door offset: 58 mm)
- Flush opening for handleless applications and when using internal drawers (door offset: 0 mm)
- Running components with integrated lift off guard
- Package contains all the fitting components required for an entire 3-door cabinet
- For door thicknesses of maximum 19 mm (EB 29)

Set comprises:
- 2 running components for one front most door
- 4 running components for two rear most doors
- 2 guide components for one front most door
- 4 guide components for two rear most doors
- 2 support blocks for the runner profile
- 2 end stops for the runner profile
- 1 spacer for offset opening
- Fixing material

Advice:
- Please order profiles separately

<table>
<thead>
<tr>
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<tbody>
<tr>
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</tr>
</tbody>
</table>
Silent System soft closing set

- Quietly and gently closing sliding doors
- Little effort required for easy door movement

Set comprises:
- 2 soft closing elements
- 2 activators
- 4 mounting adapters
- 2 end stops
- Fixing material

Advice:
- Please order fitting sets and profiles separately
- Soft closing element can only be used for offset opening
- 3-door: soft closing for rear most doors

Order no. | PU
--- | ---
9 144 902 | 1 set
Sliding door system / top running

- TopLine M / overlay door position
- System components

### Runner profile

- Aluminium, silver anodized

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
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</thead>
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<tr>
<td>2000</td>
<td>9 117 425</td>
<td>1 ea.</td>
</tr>
<tr>
<td>3000</td>
<td>9 117 426</td>
<td>1 ea.</td>
</tr>
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</table>

*Technik für Möbel*

![Runner profile diagram](image-url)
Sliding door system / top running

- TopLine M / overlay door position
- System components

**Runner profile**

- Aluminium, silver anodised

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
</table>
| 2000      | 9 117 425 | 1 ea.
| 3000      | 9 117 426 | 1 ea.

**Guide profile STB 16.1**

- Positioned in front of the bottom panel
- Plastic, grey

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
</table>
| 2000      | 9 117 427 | 1 ea.
| 3000      | 9 117 428 | 1 ea.

**Guide profile STB 16.2**

- Positioned below the bottom panel
- Plastic, grey

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
</table>
| 2000      | 9 117 429 | 1 ea.
| 3000      | 9 117 430 | 1 ea.

www.hettich.com
Sliding door system / top running

- TopLine M / overlay door position
- Planning dimensions

Installation dimensions / offset opening

Installation dimensions / flush opening

- c = 34 - Door overlay
Sliding door system / top running
- TopLine M / overlay door position
- Planning dimensions

Installation dimensions / guide system STB 16.1
Sliding door system / top running

- TopLine M / overlay door position
- Planning dimensions

Installation dimensions / guide system STB 16.2

[Diagram with dimensions and notes]

- EB 29
- 10 for stop spacing < 18
- ø 3,5 x 16
- ø 4 x 15
- 66
Sliding door system / top running

- TopLine M / overlay door position
- Planning dimensions

### Installation dimensions for Silent System soft closing

![Diagram showing installation dimensions for Silent System soft closing]

- **EB 29**
- **ø 4 x 15**
- **ø 6,2**
- **Ø 8,2**
- **25,8**
- **17,8**
- **c 23,5**
- **160**
- **ø 4,1**
- **ø 6,2**
- **c = 34 - Door overlay**
Sliding door system / top running

- TopLine M / overlay door position
- Installation

Installation in brief

\[ C = 34 - A \]

[Diagram of sliding door system]"
Sliding door system / top running

- TopLine M / overlay door position
- Installation

### Installation in brief

1. ![Diagram 1](image1)
2. ![Diagram 2](image2)
More peace and quiet:
optional Silent System in closing and opening direction.

Superbly designed and convenient:
optimum use made of storage space. The optional Silent System provides even more convenience. High quality technology you can feel everywhere but see nowhere. For the ultimate in design. The bottom panel has no intrusive profiles either.

Almost invisible:
Runner profiles are recessed into the top panel.

Save time: the door is quickly hooked in and aligned by clip installation and tool-less height adjustment.

Uniform panel thicknesses for less material handling:
top panels from 16 mm.

Optimum use made of storage space:
SysLine S opens doors with zero protrusion.

Design the plinth in any chosen way:
Any runner system can be chosen.

A better place to work: sliding doors provide greater freedom of movement at the workplace.
Sliding door system / top running

- SysLine S / inset door position
- Performance summary

### Technical details in brief

- Inset door position
- 1 or 2-track, top running sliding door system
- For top panel thicknesses of 16 mm and over
- For wooden and aluminium framed doors
- Door weight up to 15 kg
- Door height up to 1500 mm
- Door width 400 - 1000 mm
- Door thicknesses 16 - 19 mm
- Optional Silent System in closing and opening direction
- Tool-less height adjustment +/- 1.5 mm
- Tool-less fast installation of the front panel
- Can be combined with various runner gliders or STB 11, STB 35 guide system
- Tested to DIN EN 15706, Level 3

### Door format and door weight

- Door weight up to 15 kg
- Door height up to 1500 mm
- Door width 400 - 1000 mm
- Door thicknesses 16 - 19 mm

### Door material

- 16 - 19 mm

### Number of door wings and door position

- 1-door
- 2-door

### Silent System

<table>
<thead>
<tr>
<th></th>
<th>1-door</th>
<th>2-door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft closing</td>
<td><img src="image1" alt="Soft closing 1-door" /></td>
<td><img src="image2" alt="Soft closing 2-door" /></td>
</tr>
<tr>
<td>Soft opening</td>
<td><img src="image3" alt="Soft opening 1-door" /></td>
<td><img src="image4" alt="Soft opening 2-door" /></td>
</tr>
</tbody>
</table>

See pages 75 - 76.
Sliding door system / top running

- SysLine S / inset door position
- Performance summary

Operating principle
Sliding door system / top running

- SysLine S / inset door position
- System components

Set with Silent System soft closing and soft opening

- Set contains components for a 2-door cabinet
- Closing and opening sliding doors quietly and gently
- With integrated, tool-less height adjustment

Set comprises:
- 4 running components with Silent System
- 4 activators for Silent System
- 4 adapters for wooden doors
- 2 bottom guide components for wooden doors
- 2 bottom guide components for aluminium framed doors
- 2 door stops / spacers

Advice:
- Please order profiles separately
- Door width 590 mm min.

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 208 511</td>
<td>1 set</td>
</tr>
</tbody>
</table>

Set with Silent System soft closing element

- Set contains components for a 2-door cabinet
- Quietly and gently closing sliding doors
- With integrated, tool-less height adjustment

Set comprises:
- 2 running components
- 2 running components with Silent System
- 2 activators for Silent System
- 2 end stops
- 4 adapters for wooden doors
- 2 bottom guide components for wooden doors
- 2 bottom guide components for aluminium framed doors
- 2 door stops / spacers

Advice:
- Please order profiles separately
- Door width 410 mm min.

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
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</thead>
<tbody>
<tr>
<td>9 134 311</td>
<td>1 set</td>
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</tbody>
</table>

Set without Silent System

- Set contains components for a 2-door cabinet
- With integrated, tool-less height adjustment

Set comprises:
- 4 running components
- 4 end stops
- 4 adapters for wooden doors
- 2 bottom guide components for wooden doors
- 2 bottom guide components for aluminium framed doors
- 2 door stops / spacers

Advice:
- Please order profiles separately
- Door width 400 mm min.

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 136 103</td>
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</tr>
</tbody>
</table>
Sliding door system / top running
- SysLine S / inset door position
- System components

Screw on runner profile

- Top panel thickness 16 mm min.
- Door thickness 19 mm max.
- Aluminium, bright

Advice:
- After cutting to length, an additional hole must be drilled at a distance of 50 mm if the last drill hole is not positioned between 30 mm and 70 mm from the end of the profile.

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>9 136 105</td>
<td>1 ea.</td>
</tr>
</tbody>
</table>
### Sliding door system / top running
- **SysLine S / inset door position**
- **System components**

#### STB 11 guide system
- Installation below bottom panel
- Plastic runner rollers with rubber tread for low noise
- Plinth with a deep recess, 46 mm
- Plinth height 70 mm min.
- The wide angle is adjustable, making it possible to use doors in a thickness of 16 – 19 mm.

#### STB 11 guide set
- Set contains the guide components for a 2 door cabinet
- Guide system below bottom panel
- Rollers made of plastic for quiet running

Set comprises:
- 2 guide components for front most door
- 2 guide components for rear most door
- 2 end stops for the guide profile

Advice:
- Please order profiles separately

<table>
<thead>
<tr>
<th>Number of doors</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0 045 080</td>
<td>1 set</td>
</tr>
<tr>
<td>3</td>
<td>0 045 081</td>
<td>1 set</td>
</tr>
</tbody>
</table>

#### STB 11 guide profile
- Aluminium, bright

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>0 071 117</td>
<td>1/4 ea.</td>
</tr>
</tbody>
</table>
STB 35 guide system

- For inset doors
- The plastic profiles are installed by pressing them into the grooved bottom panel
- Alternatively, the profiles can be installed in narrow grooves in the bottom of the doors. The runner gliders must then be installed in the bottom panel.

For inset doors runner

STB 35 bottom door guide, glides

- For inset door runner
- Plastic

Set comprises:
- 2 runner glider, brown

Advice:
Please order profiles separately

Order no. | PU
---|---
0 025 119 | 1/100 ea

STB 35 guide profile

- Plastic, white
- Length 3500 mm

Order no. | PU
---|---
0 046 789 | 1/25 ea.
Sliding door system / top running

- SysLine S / inset door position
- Planning dimensions

Installation dimensions for 16 mm wooden doors
Sliding door system / top running

- SysLine S / inset door position
- Planning dimensions

Installation dimensions for 19 mm wooden doors
Sliding door system / top running

- SysLine S / inset door position
- Planning dimensions

**Installation dimensions for 19 mm aluminium framed doors**

**Drilling pattern for aluminium framed door**

**Drilling pattern for wooden door**

Adapter for wooden doors for screwing on
Sliding door system / top running
- SysLine S / inset door position
- Planning dimensions

**Minimum door width**

<table>
<thead>
<tr>
<th>Minimum</th>
<th>≥ 410</th>
<th>≥ 238</th>
</tr>
</thead>
<tbody>
<tr>
<td>86</td>
<td>86</td>
<td>86</td>
</tr>
</tbody>
</table>

**Positioning end stop and activator for flush opening**

**Positioning end stop and activator for offset opening**
Drilling pattern for door stop / spacer

- Sliding door system / top running
  - SysLine S / inset door position
  - Planning dimensions

---

### Drilling pattern for door stop / spacer

- **H ≤ 1000**
  - Ø 5 x 12
  - 25 mm ≥ 45 mm

- **H > 1000**
  - Ø 5 x 12
  - 25 mm ≥ 45 mm

- 0,4 x H

---

### Planning dimensions

- Ø 6,3 x 12,5
- Ø 3,5 x 12
- ≥ 32 (13)
Fitting running components, end stops and activators into the profile

Without Silent System

With Silent System
Soft closing

With Silent System
Soft closing and soft opening

The Silent System components should be accessible at all times. This can be achieved by using removable runner profiles or by designing furniture to let you do this.

Installing the runner profiles

1. 
2. 
3. 

We recommend:
Jowapur 685.32 or Jowapur 685.52 adhesive

Installing the adapters for wooden doors
Hooking in wooden doors

Hooking in aluminium framed doors

Height adjustment

Installing door stop / spacers and handles

Sliding door system / top running
- SysLine S / inset door position
- Installation
Sliding door system / top running

- TopLine 25 / 27 / inset door position
- All the benefits at a glance

The classic system for wardrobes. TopLine 25/27 tried and proven sliding door system is your cost effective solution for inset doors weighing up to 25 kg. The 1 or 2-track runner profiles are easily attached to the top panel and concealed with a front panel. You can combine the top running sliding door system with various guide systems, giving you full flexibility in plinth construction.

More peace and quiet: the adaptive soft closing Silent System.

Exact reveal alignment: Door height adjustment at oblong holes

Design the plinth in any chosen way: Any runner system can be chosen.

For limited budgets too: the cost effective solution for wardrobes.
Technical details in brief

- Inset door position
- 1 or 2-track, top running sliding door system
- For wooden doors
- Door weight up to 25 kg
- Door height up to 2000 mm
- Doors over 500 - 1750 mm wide
- Door thickness from 16 - 19 mm
- For optional use with Silent System
- Optional height adjustment +/- 2 mm
- Tool-less fast installation of the front panel
- Can be combined with STB 11 bottom runner system
- STB 12, STB 15 or STB 35
- Tested to DIN EN 15706, Level 3

Door material

Door format and door weight

Door format and door weight

Door material

Door material

Number of door wings and door position

Silent System

<table>
<thead>
<tr>
<th>Number of Door Wings</th>
<th>1-door</th>
<th>2-door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft closing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Silent System
Operating principle

- TopLine 25 / 27 / inset door position
- Performance summary
Sliding door system / top running

- TopLine 25 / 27 / inset door position
- System components

### Set for 1-door cabinet

- Set contains the top components for a 1-door cabinet
- Height adjustment at oblong holes ± 1.5 mm
- Maximum door weight 25 kg

Set comprises:
- 2 running components
- 2 safety screws
- 2 end stops, runner profile

Advice:
- Please order profiles separately
- Please order bottom guide components separately

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 026 081</td>
<td>1 set</td>
</tr>
</tbody>
</table>

### Set for 2-door cabinet

- Set contains the top components for a 2-door cabinet
- Height adjustment at oblong holes ± 1.5 mm
- Maximum door weight 25 kg

Set comprises:
- 4 running components
- 4 safety screws
- 2 end stops, runner profile
- 1 spacer

Advice:
- Please order profiles separately
- Please order bottom guide components separately

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 026 082</td>
<td>1 set</td>
</tr>
</tbody>
</table>

### Set for 3 door cabinet

- Set contains the top components for a 3 door cabinet
- Height adjustment at oblong holes ± 1.5 mm
- Maximum door weight 25 kg

Set comprises:
- 6 running components
- 6 safety screws
- 2 end stops, runner profile
- 2 spacer
- 1 centre stop

Advice:
- Please order profiles separately
- Please order bottom guide components separately

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 026 083</td>
<td>1 set</td>
</tr>
</tbody>
</table>
### Runner profile, 1-track

- 1-track runner profile for a 1-door cabinet
- Installation below top panel

<table>
<thead>
<tr>
<th>Material</th>
<th>Finish</th>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>bright</td>
<td>3500</td>
<td>0 046 416</td>
<td>1/4 ea.</td>
</tr>
</tbody>
</table>

### Runner profile, 2-track

- 2-track runner profile for a 2 or 3-door cabinet
- Installation below top panel

<table>
<thead>
<tr>
<th>Material</th>
<th>Finish</th>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium</td>
<td>bright</td>
<td>3500</td>
<td>0 046 417</td>
<td>1/4 ea.</td>
</tr>
</tbody>
</table>

### Silent System for TopLine 25 / 27

- Soft closing
- Maximum door weight 20 kg

Set comprises:
- Soft closing set
- 2 activators

Advice:
- Cannot be used with aluminium framed doors

<table>
<thead>
<tr>
<th>Version</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>TopLine 25, 1-door</td>
<td>9 079 667</td>
<td>1 set</td>
</tr>
<tr>
<td>TopLine 27, 2 door</td>
<td>9 079 733</td>
<td>1 set</td>
</tr>
</tbody>
</table>
### Sliding door system / top running
- **TopLine 25 / 27 / inset door position**
- **System components**

#### STB 11 guide system
- Installation below bottom panel
- Plastic runner rollers with rubber tread for low noise
- Plinth with a deep recess, 46 mm
- Plinth height 70 mm min.
- The wide angle is adjustable, making it possible to use doors in a thickness of 16 – 19 mm.

#### STB 11 guide set
- Set contains the guide components for a 2 door cabinet
- Guide system below bottom panel
- Rollers made of plastic for quiet running

Set comprises:
- 2 guide components for front most door
- 2 guide components for rear most door
- 2 end stops for the guide profile

Advice:
- Please order profiles separately

<table>
<thead>
<tr>
<th>Number of doors</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0 045 080</td>
<td>1 set</td>
</tr>
<tr>
<td>3</td>
<td>0 045 081</td>
<td>1 set</td>
</tr>
</tbody>
</table>

#### STB 11 guide profile
- Aluminium, bright

<table>
<thead>
<tr>
<th>Length mm</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000</td>
<td>0 071 117</td>
<td>1/4 ea.</td>
</tr>
</tbody>
</table>
Sliding door system / top running
- TopLine 25 / 27 / inset door position
- System components

**STB 35 guide system**
- For inset doors
- The plastic profiles are installed by pressing them into the grooved bottom panel
- Alternatively, the profiles can be installed in narrow grooves in the bottom of the doors. The runner gliders must then be installed in the bottom panel.

**STB 35 bottom door guide, glides**
- For inset door runner
- Plastic

Set comprises:
- 2 runner glider, brown

Advice:
Please order profiles separately

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 025 119</td>
<td>1/100 ea</td>
</tr>
</tbody>
</table>

**STB 35 guide profile**
- Plastic, white
- Length 3500 mm

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 046 789</td>
<td>1/25 ea</td>
</tr>
</tbody>
</table>
Sliding door system / top running
- TopLine 25 / 27 / inset door position
- Planning dimensions

Installation dimensions
Sliding door system / top running

- TopLine 25 / 27 / inset door position
- Planning dimensions

### Installation dimensions for Silent System, TopLine 25 - 1-door

<table>
<thead>
<tr>
<th>Dim. X (mm)</th>
<th>Dim. Y (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>30,5</td>
</tr>
<tr>
<td>18</td>
<td>32,5</td>
</tr>
<tr>
<td>19</td>
<td>33,5</td>
</tr>
</tbody>
</table>
Sliding door system / top running

- TopLine 25 / 27 / inset door position
- Planning dimensions

Installation dimensions for Silent System, TopLine 27 - 2 door

<table>
<thead>
<tr>
<th>Dim. X (mm)</th>
<th>Dim. Y (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>30.5</td>
</tr>
<tr>
<td>18</td>
<td>32.5</td>
</tr>
<tr>
<td>19</td>
<td>33.5</td>
</tr>
</tbody>
</table>
Drilling pattern

Installation runner profiles

Lift off guard

End stop and spacer
## Retractable door system

### Range summary / technical comparison

<table>
<thead>
<tr>
<th>Description</th>
<th>Retractable door system for doors that slide into the sides of the carcase when opened</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door action</td>
<td>Horizontal</td>
</tr>
<tr>
<td>Door position</td>
<td>Inset</td>
</tr>
<tr>
<td>Door weight</td>
<td>14 kg max.</td>
</tr>
<tr>
<td>Door material</td>
<td>Wood</td>
</tr>
<tr>
<td>Door width mm</td>
<td>300 – 700 mm</td>
</tr>
<tr>
<td>Door height mm</td>
<td>1800 mm max.</td>
</tr>
</tbody>
</table>

### KA 5740

- **Retractable door system** for doors that slide into the sides of the carcase when opened.
- **Door action**: Horizontal
- **Door position**: Inset
- **Door weight**: 14 kg max.
- **Door material**: Wood
- **Door width mm**: 300 – 700 mm
- **Door height mm**: 1800 mm max.
- **Silent System**: –
Hettich's KA 5740 fitting gives you the superior option for creating retractable doors. After opening, the doors simply disappear inside the carcase while running exceptionally smoothly.

**Stroke of genius.** Mounted on the KA 5740 retractable door fitting, the doors can slide back into the sides of the carcase when they are opened. Perfect, for example, for TV and multimedia furniture or for a cocktail cabinet that opens up in a jiffy and disappears again just as quickly. The fitting's mechanism also vanishes from view.

Hettich retractable door fitting KA 5740 is suitable for door widths of 300 to 700 mm. All options with roll-out prevention.
Retractable door system

- KA 5740
- Performance summary

### Technical details in brief

- For wooden doors
- Door weight up to 14 kg
- Door height up to 1800 mm
- Door width 300 – 700 mm
- Door thickness max. 22.5 or 32.0 mm
- With roll-out locating catch
- Tested to ANSI/BIFMA X5.5

### Door format and door weight

- Door weight ≤ 14 kg
- Door height 600 – 1800 mm
- Door width 300 – 700 mm

### Door material

- Thickness 16 – 32 mm

### Number of door wings and door position

- Number of door wings: 16 - 32 mm
- Door position: see pages 75 – 76
Refractable door system

- KA 5740
- System components

### KA 5740

- Pair of KA 5740 for retractable doors

Page reference:
- Concealed hinges must be ordered separately

<table>
<thead>
<tr>
<th>Door width (max)</th>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>0 041 372</td>
<td>1 pair</td>
</tr>
<tr>
<td>400</td>
<td>0 041 373</td>
<td>1 pair</td>
</tr>
<tr>
<td>450</td>
<td>0 041 374</td>
<td>1 pair</td>
</tr>
<tr>
<td>500</td>
<td>0 041 375</td>
<td>1 pair</td>
</tr>
<tr>
<td>550</td>
<td>0 041 376</td>
<td>1 pair</td>
</tr>
<tr>
<td>600</td>
<td>0 041 377</td>
<td>1 pair</td>
</tr>
<tr>
<td>650</td>
<td>0 041 378</td>
<td>1 pair</td>
</tr>
<tr>
<td>700</td>
<td>0 041 379</td>
<td>1 pair</td>
</tr>
</tbody>
</table>

### KA 5740 accessory set

- The KA 5740 accessory set also allows you to park flaps inside the top part of the cabinet carcase after opening them.
- The set of accessories assists the slide in and, when used on flaps, keeps them in the horizontal position.

Set comprises:
- 8 door applications / spacers, 10 mm Ø drilling
- 4 support rollers for flaps Ø 20 mm
- 4 rivets Ø 6 x 10 mm
- 4 panhead screws Ø 4 x 25 mm

<table>
<thead>
<tr>
<th>Order no.</th>
<th>PU</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 079 526</td>
<td>1 set</td>
</tr>
</tbody>
</table>
Retractable door system

- **KA 5740**

- **Planning dimensions**

## Installation dimensions for KA 5740

Door height = inside carcase height - 6 mm
Door width = inside carcase width - 6 mm
X = door height - 2 x E

**Recommended quantity of KA 5740 retractable door fittings depends on door height.**

**Min. carcase depth**

* Minimum cabinet depth = (nominal length + 2 mm) + (door thickness + 2 mm) + rear reveal (min. 3 mm)

### Article Dimensions mm

<table>
<thead>
<tr>
<th>Article</th>
<th>Dimension mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>KA 5740/350</td>
<td>352 256 304</td>
</tr>
<tr>
<td>KA 5740/400</td>
<td>402 306 368</td>
</tr>
<tr>
<td>KA 5740/450</td>
<td>452 356 144</td>
</tr>
<tr>
<td>KA 5740/500</td>
<td>502 406 176</td>
</tr>
<tr>
<td>KA 5740/550</td>
<td>552 456 208</td>
</tr>
<tr>
<td>KA 5740/600</td>
<td>602 506 240</td>
</tr>
<tr>
<td>KA 5740/650</td>
<td>652 556 272</td>
</tr>
<tr>
<td>KA 5740/700</td>
<td>702 606 304</td>
</tr>
</tbody>
</table>
Retractable door system

- **KA 5740**
- **Planning dimensions**

### Use with Sensys and 12 mm connecting strip

- For Sensys 8631i fast assembly hinge
- For profile doors up to 28 mm
- 95° opening angle
- Base 12.5 mm
- Cup diameter 35 mm

### Use with Intermat and 12 mm connecting strip

- For fast assembly hinge Intermat 9936
- For profile doors up to 22.5 mm
- 95° opening angle
- Base 12.5 mm
- Cup diameter 35 mm

### Use with Intermat and 16 - 21 mm connecting strip

- For Intermat 9935 fast assembly hinge
- For profile doors up to 32 mm
- 95° opening angle
- Base 18 mm
- Cup diameter 40 mm

<table>
<thead>
<tr>
<th>Distance</th>
<th>G mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>1.5</td>
<td>19.5</td>
</tr>
<tr>
<td>0</td>
<td>21</td>
</tr>
</tbody>
</table>
Retractable door system

- KA 5740
- Installation

Preparing / installing fitting

Installation door
### Weight table for chipboard 19 mm

Door weight in kg (density = 700 kg/m³)

<table>
<thead>
<tr>
<th>Door height mm</th>
<th>Door width mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>1.2 1.6 2.0 2.4 2.8 3.2 3.6 4.0 4.4 4.8 5.2 5.6 6.4 7.2 8.0</td>
</tr>
<tr>
<td>400</td>
<td>1.6 2.1 2.7 3.2 3.7 4.3 4.8 5.3 5.9 6.4 6.9 7.5 8.5 9.6 10.6</td>
</tr>
<tr>
<td>500</td>
<td>2.0 2.7 3.3 4.0 4.7 5.3 6.0 6.7 7.3 8.0 8.7 9.3 10.6 12.0 13.3</td>
</tr>
<tr>
<td>600</td>
<td>2.4 3.2 4.0 4.8 5.6 6.4 7.2 8.0 8.8 9.6 10.4 11.2 12.8 14.4 16.0</td>
</tr>
<tr>
<td>700</td>
<td>2.8 3.7 4.7 5.6 6.6 7.5 8.4 9.3 10.2 11.2 12.1 13.0 14.9 16.8 18.6</td>
</tr>
<tr>
<td>800</td>
<td>3.2 4.3 5.3 6.4 7.5 8.5 9.6 10.6 11.7 12.8 13.8 14.9 17.0 19.2 21.3</td>
</tr>
<tr>
<td>900</td>
<td>3.6 4.8 6.0 7.2 8.4 9.6 10.8 12.0 13.2 14.4 15.6 16.8 19.2 21.6 23.9</td>
</tr>
<tr>
<td>1000</td>
<td>4.0 5.3 6.7 8.0 9.3 10.7 12.0 13.3 14.6 16.0 17.3 18.6 21.3 23.9 26.6</td>
</tr>
<tr>
<td>1100</td>
<td>4.4 5.9 7.3 8.8 10.2 11.7 13.2 14.6 16.1 17.6 19.0 20.5 23.4 26.3 29.3</td>
</tr>
<tr>
<td>1200</td>
<td>4.8 6.4 8.0 9.6 11.2 12.8 14.4 16.0 17.6 19.2 20.8 22.3 25.5 28.7 31.9</td>
</tr>
<tr>
<td>1300</td>
<td>5.2 6.9 8.7 10.4 12.1 13.8 15.6 17.3 19.0 20.8 22.5 24.2 27.7 31.1 34.6</td>
</tr>
<tr>
<td>1400</td>
<td>5.6 7.5 9.3 11.2 13.0 14.9 16.8 18.6 20.5 22.3 24.2 26.1 29.8 33.5 37.2</td>
</tr>
<tr>
<td>1600</td>
<td>6.4 8.5 10.7 12.8 15.0 17.0 19.2 21.3 23.4 25.6 27.7 29.8 34.1 38.3 42.6</td>
</tr>
<tr>
<td>1800</td>
<td>7.2 9.6 12.0 14.4 16.8 19.2 21.6 24.0 26.3 28.7 31.1 33.5 38.3 43.1 47.9</td>
</tr>
<tr>
<td>2000</td>
<td>8.0 10.6 13.3 16.0 18.6 21.3 23.9 26.6 29.3 31.9 34.6 37.2 42.6 47.9 53.2</td>
</tr>
<tr>
<td>2200</td>
<td>8.8 11.7 14.6 17.6 20.5 23.4 26.3 29.3 32.2 35.1 38.0 41.0 46.8 52.7 58.5</td>
</tr>
<tr>
<td>2400</td>
<td>9.6 12.8 16.0 19.2 22.3 25.5 28.7 31.9 35.1 38.3 41.5 44.7 51.1 57.5 63.9</td>
</tr>
<tr>
<td>2600</td>
<td>10.4 13.8 17.3 20.8 24.2 27.7 31.1 34.6 38.0 41.5 45.0 48.4 55.3 62.2 69.2</td>
</tr>
</tbody>
</table>

### Weight table for MDF 19 mm

Door weight in kg (density = 900 kg/m³)

<table>
<thead>
<tr>
<th>Door height mm</th>
<th>Door width mm</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<td>2600</td>
<td>13.3 17.8 22.2 26.7 31.1 35.6 40.0 44.5 48.9 53.4 57.8 62.2 71.1 80.0 88.9</td>
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</tbody>
</table>
Calculating weights of doors in alternative door materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Density kg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic glass</td>
<td>1200</td>
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<tr>
<td>Aluminium</td>
<td>2700</td>
</tr>
<tr>
<td>Balsa wood</td>
<td>120</td>
</tr>
<tr>
<td>Concrete</td>
<td>2400</td>
</tr>
<tr>
<td>Lead</td>
<td>11300</td>
</tr>
<tr>
<td>Iron</td>
<td>7800</td>
</tr>
<tr>
<td>Gypsum plasterboard</td>
<td>900</td>
</tr>
<tr>
<td>Glass</td>
<td>2600</td>
</tr>
<tr>
<td>Hardboard</td>
<td>1000</td>
</tr>
<tr>
<td>Hardwood, wet (beech)</td>
<td>900</td>
</tr>
<tr>
<td>Hardwood, dry (beech)</td>
<td>800</td>
</tr>
<tr>
<td>Cork</td>
<td>300</td>
</tr>
</tbody>
</table>

To calculate the weight of doors in alternative door materials, the specific density of the door material must be taken into consideration.

**Example**

Door made of acrylic glass with a density of 1200 kg/m³
Door height: 2000 mm, door width: 1800 mm, material thickness: 6 mm

\[
\text{Door weight} = \frac{\text{Height} \times \text{Width} \times \text{Material thickness} \times \text{Density}}{1000}
\]

\[
\begin{align*}
\text{Door weight} [\text{kg}] &= 25.9 kg \\
\text{Height [m]} &= 2 \\
\text{Width [m]} &= 1.8 \\
\text{Material thickness [m]} &= 0.006 \\
\text{Density [kg/m}^3\text{]} &= 1200
\end{align*}
\]

**Formula for conversion**
Door weight = weight for door in thickness of 19 mm from table above x factor

**Example**
Chipboard door
H x W x D = 2000 x 1800 x 16
Weight shown in table for this door size, but material in a thickness of 19 mm = 47.9 kg

Convert to 16 mm door thickness using factor of 0.84 as shown in table on left
Door weight = 47.9 kg x 0.84 = 40.2 kg
Always the best system

Hettich sliding door systems give you the ideal solution to meet any consumer demand, because Hettich offers you numerous system options. Each design provides its own particular benefits and creative impact on the piece of furniture. Take advantage of Hettich sliding door systems for all cabinets and shelf units. We are now going to give you a brief introduction to the various systems, so you can quickly find the main criteria for selecting the right sliding door system.

Option 1: 1-track or multi-track sliding doors

1-track sliding doors do not close off furniture completely. The door only conceals individual furniture segments and can be pushed to the side. Typical application: the living room combination in which the TV set disappears behind the sliding door after use.

Multi-track sliding doors can close off the entire furniture carcase. At least two doors run in profiles installed one behind the other. Ideal for office cabinets, wardrobes and pantry units: the closed doors conceal the cabinet’s entire contents, creating a neat and tidy look in a matter of seconds.

Flush fitted sliding doors are a special innovative type that also close off the complete carcase. The closed cabinet front panel forms an absolutely flat surface, reducing reveals to a minimum. An option for the most exacting demands on design. The doors run in a single track; on opening, however, a special mechanism automatically allows them to run one behind the other.

Option 2: overlay or inset sliding doors

Overlay sliding doors conceal – viewed from the front – the carcase side, the top panel and bottom panel. This makes the front panels the dominant design element of a piece of furniture. Please note: for furniture designed with two doors, the two carcase sides must be produced in different depths.

Inset sliding doors, in contrast, move between the carcase sides, the top panel and the bottom panel. The carcase elements are visible from the front, also influencing the design of furniture. The carcase sides are of identical depth.
Option 3: bottom running or top running sliding doors

Bottom running sliding doors stand on rollers along their bottom edge and are stabilised by a guide at the top edge of the door. Given the uncomplicated carcase construction, predominantly low door weights and straightforward installation, bottom running doors are seen as the optimum gateway to constructing sliding door cabinets.

Top running sliding doors are suspended from the top panel. A guide at the bottom panel prevents the doors from wobbling. The fitting components can be positioned unobtrusively at the top and bottom panel – for furniture designed with a look of harmony. Top running sliding doors are ideal for heavy doors, e.g. in large wardrobes.

Option 4: installing sliding doors on or in front of the top panel

With a simple trick, the fitting technology can be installed largely out of view on the top panel: the top panel is lowered by 60 mm. Proviso: the piece of furniture is a tall cabinet with a top panel that is positioned out of sight.

On low cabinets, the top panel is always visible. In this case, carcase and top panel are conventionally mounted at right angles and the fitting technology is either attached in front of or in the top or bottom panel. The doors close flush at the top – a neat looking solution. Incidentally: the cabinet here is designed in the same way as hinged door cabinets. Benefit: subsequent conversion from hinged door to sliding door system can be done with little effort.

Option 5: sliding door format and material

Key to selecting the appropriate system: format and material of the sliding door. In terms of format, bear in mind that wider doors run far more stably than narrow, tall sliding doors. Rule of thumb: the sliding door width should be at least half the height of the door.
Definition of important dimensions

The **door reveal** is the extent to which the door overlaps the carcase side.

The **door protrusion** is the measure of opened door offset to the centre panel.

The **door offset** prevents the forward door from knocking against the handle on the rear door.

**Door overlap** is the surface of the rear most door that is permanently covered by the front most door. The overlap should be approx. twice as large as the gap between front most door and rear most door to avoid being able to see inside the cabinet through the gap. On aluminium framed doors, frame width is often taken as the overlap. This positions the upright frame sections of the front most door and rear most door exactly in front of one another down the middle of the cabinet.

Door reveal as a variable influencing door protrusion

Reducing the door reveal increases the door protrusion on doors of identical width.

Increasing the door overlap on account of a larger door increases the door protrusion.

The centre panel as a variable influencing door protrusion

A thinner centre panel increases the door protrusion on doors of identical width.

Design with flush opening doors

The rear door must produce the same door reveal as the forward door. It must be noted here that this requires the use of special profiles.
The quality of the sliding door systems is monitored continuously. Hettich fittings comply with the national and international quality standards of the markets our customers operate in. The diagrams below show some of the tests to which Hettich fittings are subjected.

**Load capacity**

The values stated in the catalogue for Hettich sliding door systems comprise the permissible total weight of the door in combination with the permitted door sizes. All Hettich sliding door systems pass the overload test to EN 15706\(^1\). The sliding door systems are suitable for furniture to EN 14749 when processed correctly as specified in the catalogue.

**Corrosion test**

Hettich sliding door systems satisfy the requirements on corrosion defined in EN 15706, 72-hour condensation-water test to EN 6270.

\(^1\) TopLine 1200 / 1210 / 1230 meets the requirements of ANSI / BHMA.

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### Endurance test

The door must withstand a defined number of opening and closing cycles at a defined speed.

- Level 1: 10,000 cycles
- Level 2: 20,000 cycles
- Level 3: 40,000 cycles

### Lift off guard

The door is pulled up and forwards at an angle with a defined force and must not become detached or fall out of the cabinet.

- Level 1: 150 N
- Level 2: 200 N
- Level 3: 250 N

### Closing test

The door must withstand a specific number of closing cycles under a defined tensile load.

- Level 1: 2 kg
- Level 2: 3 kg
- Level 3: 4 kg

### Horizontal safety test

Pressure is applied to the middle of the door with a defined force. The door must not become detached or fall out of the carcase.

- Level 1: 150 N
- Level 2: 200 N
- Level 3: 250 N
Our corporate principles include taking responsibility for preserving the natural basis of life. This is where we regard statutory provisions as minimum requirements. Over and above meeting statutory requirements, it is imperative for all members of staff to act in a way that conserves energy and resources in their own particular work environment in order to overcome the global ecological challenges of the near future. In the same way, using energy and resources efficiently also plays a key part in maintaining our competitive edge.

The group wide Environmental Department was established back in 1992, with its sustainability principles of environmental protection and occupational health and safety having consistently set the framework for leading the company group forward in this direction since 1993. Introduced in 1996, the environmental management systems complying with the European EMAS Regulation (Eco Management and Audit Scheme), including ISO 14.001, are of central importance in this context. These implemented a targeted approach to identifying and realising the potentials for using energy and resources in an efficient manner as well as to ensuring conformity with the law. The results are nothing short of impressive.

Environmentally friendly projects
Innovative projects are the mark of our approach to environmental management. For instance, the primary-energy requirement of our new production facilities is up to 75% below the specifications demanded in building legislation. The exemplary, consistent use of wood-based materials in constructing our commercial buildings puts us on the forefront of using resource-conserving, renewable building materials that take enormous quantities of climate-damaging CO₂ out of the atmosphere while they are growing.

Since 2015, we have been trying out three new vehicles, each employing different propulsion systems, to test the practical suitability of electric mobility in a variety of usage situations. At our Indian production plant, heavy metals are absorbed from concentrated waste water using an innovative method that involves living algae. At our factory in China, a solar-powered system provides staff accommodation and the canteen with hot water.

Success stories
Between 1997 and 2015, for example, we have managed to reduce environmental pollution from manufacturing our drawer runners and drawer systems at the Kirchlengern-Bünde production facility as follows:

- Specific water consumption 45%
- Specific power consumption 10%
- Specific heat consumption 73%
- Specific CO₂ emission 30%

Numerous awards reflect our commitment to the environment. In 2009, the European Commission gave our zero-energy Hettich Forum building the Green Building Award at national level. In 2016, we won the sustainability prize from the East Westphalian Business Environment Foundation for an environment education project carried out over 20 years.

Technik für Möbel