

NEW

**HS 5015 PU N High-speed sectional door
for especially fast door opening**



Door Systems for Collective Garages

Doors, operators and controls from a single source



Door Systems for Collective Garages

Hörmann quality doors and operators



Planning aid for collective garages

Which door and operator system best meets your requirements?

Door type		Parking spaces	Operator	Max. passage width	Max. passage height*
ET 500 non-protruding up-and-over door		Up to 50	SupraMatic H	6000 mm	2980 mm
		Over 50	SupraMatic T / ITO 400		
ST 500 sliding door		Up to 50	SupraMatic H	6000 mm	3000 mm
		Over 50	SupraMatic T / ITO 400		
Up-and-over garage door		Up to 2 parking spaces	Optional	4840 mm	2630 mm
Industrial sectional door		Up to 50	SupraMatic H / HD	8000 mm	3000 mm
		Over 50	ITO 400		
Rolling shutter	Classic	Up to 50	Direct drive/chain operator	10000 mm	3000 mm
	Basic	Up to 30	Direct drive operator	5000 mm	
	SB	Up to 20	WA 300 R	4000 mm	
Rolling grille	Classic	Up to 50	Direct drive / chain operator	11750 mm	
	Basic	Up to 30	Direct drive operator	9000 mm	
	SB	Up to 20	WA 300 R	5000 mm	
HS 5015 PU N high-speed sectional door		Over 50	Direct drive operator	5000 mm	3000 mm

Continued increase in mobility

As the need for parking space in cities and urban centres continues to increase, underground and collective garages are becoming more and more important. These garages are often built in mixed-use residential and commercial areas. This requires door systems that are particularly quiet.

Quiet, dependable door travel

Hörmann collective garage door systems are equipped with soft start and soft stop as standard in SupraMatic H, WA 300 R and FU operators, making them extremely quiet in all phases of opening and closing.

Everything from a single source

Especially for this purpose, Hörmann offers perfectly matched systems consisting of door, operator and comprehensive accessory programme, which includes everything from key switch posts to warning light systems.

Tested safety unit

With Hörmann door systems, you will benefit from the valuable experience of Europe's leading manufacturer. At Hörmann, the door and operator are always tested and certified as a unit.

The choice is yours

Regardless of which door system you choose, a Hörmann door system for collective garages is always the right choice.

Hörmann quality	2
ET 500 non-protruding up-and-over door	4
ST 500 sliding door	5
Up-and-over garage door	6
Industrial sectional door	7
SupraMatic H / HD	8
SupraMatic T	9
ITO 400	10
Rolling shutter, rolling grille	12
HS 5015 PU N high-speed sectional door // NEW	14
Accessories	16
Technical Data	20
Programme Overview	26

ET 500

Non-protruding Up-and-over Door

Sturdy and dependable,
with numerous design possibilities

**NEW: ET 500 L in combination
with the inexpensive SupraMatic H
is suitable for up to 100 parking spaces**

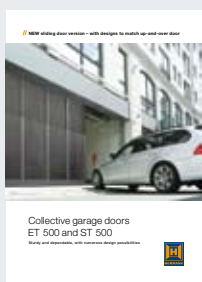


Very quiet, smooth and maintenance-free

Optimum efficiency, permanent functional and personal safety as well as extremely smooth operation, even at high usage frequencies – these are the outstanding features of the ET 500.

Advantages at a glance

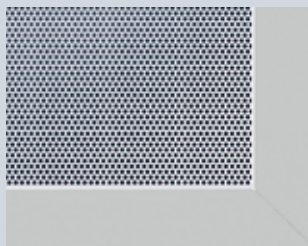
- Smooth, quiet door travel
- Tested unit of door and operator for a long service life and little wear of the operator, a high level of operational safety and low operating costs
- Door construction designed for at least 250,000 door cycles
- Low required headroom, ideal for tight spaces
- Minimum swivelling of the door leaf
- Also available with a wicket door



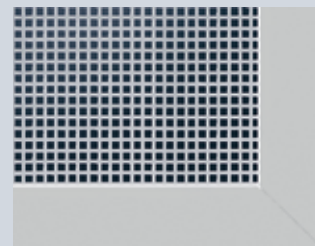
For more detailed information about the ET 500, please see the special Hörmann brochure or go to www.hormann.co.uk.

For technical data, see page 20.

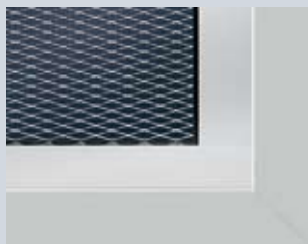
ET 500 and ST 500 infill variations



Style 412
Round perforated steel sheet,
powder-coated
Ventilation cross section:
45 % of the infill surface



Style 413
Square perforated steel sheet,
powder-coated
Ventilation cross section:
45 % of the infill surface



Style 480
Aluminium frame for section infill
with stainless steel expanded mesh
Ventilation cross section:
58 % of the infill surface per frame



Style 480
Section infill with ventilation grille
Ventilation cross section:
40 cm²/grille

ST 500 Sliding Door

For limited fitting depths



Style 402
Ribbed sheet steel

For individual door designs



Style 422 // NEW
Smooth aluminium sheet,
surface-mounted (top image)

Style 420
Smooth aluminium sheet,
on the inside (bottom image)



Style 405
For on-site infill, surface-mounted
(top image)

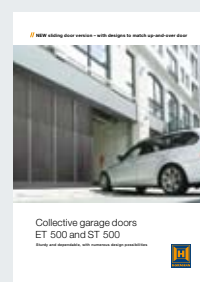
Style 400
For on-site infill, on the inside
(bottom image)

Suitable for fitting situations without a lintel

The construction of the ST 500 sliding door for collective garages features a low fitting depth and minimum overhead space requirements.

Advantages at a glance

- Smooth, quiet door travel and virtually silent opening and closing
- Tested unit of door and operator for a long service life and little wear of the operator, a high level of operational safety and low operating costs
- Virtually no loss of useful space near the door area, the garage ceiling is free of suspensions
- Photocell in the door opening as standard



For more detailed information about the ST 500, please see the special Hörmann brochure or go to www.hormann.co.uk.

For technical data, see page 21.

Up-and-over Garage Door

To reliably close-off individual parking spaces

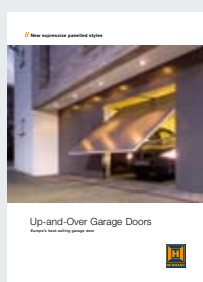


Securely locked and optimally ventilated

Up-and-over garage doors are ideally suited for reliably closing off parking spaces in collective garages. Varied ventilation slot sizes ensure optimum ventilation.

Advantages at a glance

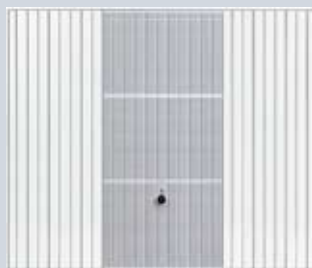
- Optimum ventilation
- Sturdy construction
- Simple and reliable operation (optionally with an operator)
- Break-in-resistant due to a rotary catch lock



For more detailed information about up-and-over garage doors, please see the special Hörmann brochure or go to www.hormann.co.uk.

For technical data, see page 22.

Infill variations



Style 913

Ribbed steel with micro perforated centre sheet
Ventilation cross section:
20 % of the door surface



Style 914

Ribbed steel with ventilation slots (50 x 50 mm)
Ventilation cross section:
30 % of the door surface



Style 988

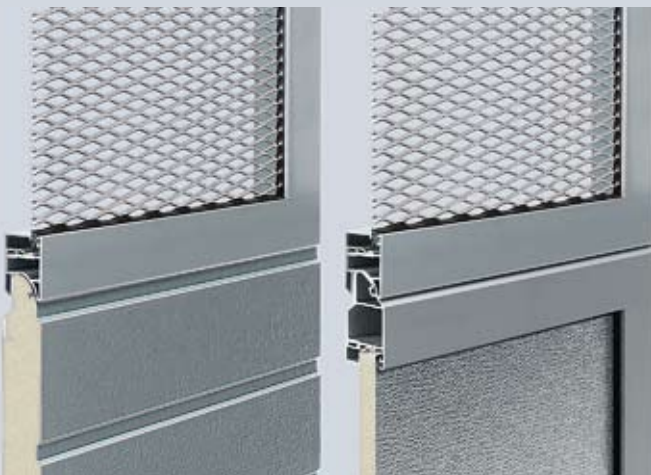
Steel panel with ventilation slots (90 x 90 mm)
Ventilation cross section:
25 % of the door surface

Industrial Sectional Door

Versatile and smooth-running



Door types / infill variations

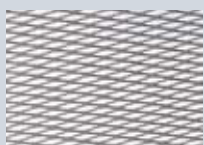


SPU 40 / APU 40

Combination of PU-foamed sections and aluminium frame infills

ALR 40

Aluminium frame construction for large ventilation areas



Expanded mesh

Stainless steel
Ventilation cross section:
58 % of the infill surface



Perforated steel sheet

Stainless steel
Ventilation cross section:
40 % of the infill surface



PU sandwich infill

Stucco-textured or smooth and anodised

Space-saving and easy to service

Sectional doors open vertically. This creates space both in front of the door and behind it. With the frame fitted behind the opening, the clear passage of the garage opening can be fully used. This virtually eliminates the danger of damaging your car or the door. And, if damage does occur, sectional doors are very easy to repair. The individual door sections can be quickly and easily replaced.

Advantages at a glance

- Ideal if limited space is available
- Smooth, quiet door travel
- Tested unit of door and operator for a long service life and little wear of the operator, a high level of operational safety and low operating costs
- No swivelling of the door leaf
- Very easy to repair, thanks to replaceable door sections



For more detailed information about industrial sectional doors, please see the special Hörmann brochure or go to www.hormann.co.uk.

For technical data, see page 23.

SupraMatic H / HD Door Operator

Suitable for up to 50 parking spaces

NEW

The inexpensive SupraMatic H in combination with the ET 500 L non-protruding up-and-over door is suitable for up to 100 parking spaces



Compact operator with integrated control

The SupraMatic H / HD is especially suited for low-traffic collective garages (max. 100 door cycles per day) such as those in residential buildings and hotels.

Application range

- Suitable for up to 50 parking spaces
- Pull and push force 1000 N, brief peak force 1200 N
- Expandable with additional units (activating kits for warning lights, traffic control)

Size range

SupraMatic H up to 5000 mm door width (up to 5500 mm on request)

SupraMatic HD up to 6750 mm door width (up to 7000 mm on request)

Function and safety

- Emergency release from inside
- Soft start and stop for gentle, quiet door travel
- Integrated illumination with factory-set 2-minute light
- Patented door locking in the operator boom
- Settings are made directly on the operator via a control panel
- Incl. photocell



Effective protection against forced opening with the break-in-resistant, mechanical anti-lift kit in SupraMatic operators.

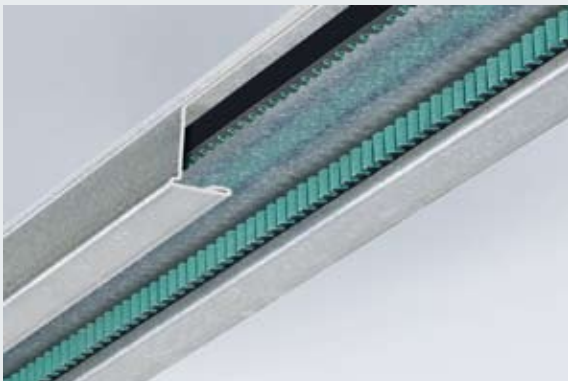


The SupraMatic H can be programmed directly on the operator cover. The 7-segment display informs you of the current status.

SupraMatic T Door Operator

Suitable for up to 100 parking spaces

*Only suitable for ET 500 / ST 500
collective garage doors*



A maintenance-free toothed belt makes SupraMatic operators especially easy to service.

The control for the operator
The SupraMatic T is operated using an external control. The scope of delivery includes a 7.5 m connecting lead.



Especially for ET 500 / ST 500 collective garage doors

With the SupraMatic T, Hörmann provides an operator system that is perfectly suited for collective garage doors. With a maximum of 350 door cycles per day, it covers the majority of applications. The SupraMatic T is especially suited for collective garages in large rental units, hotels and office buildings.

Application range

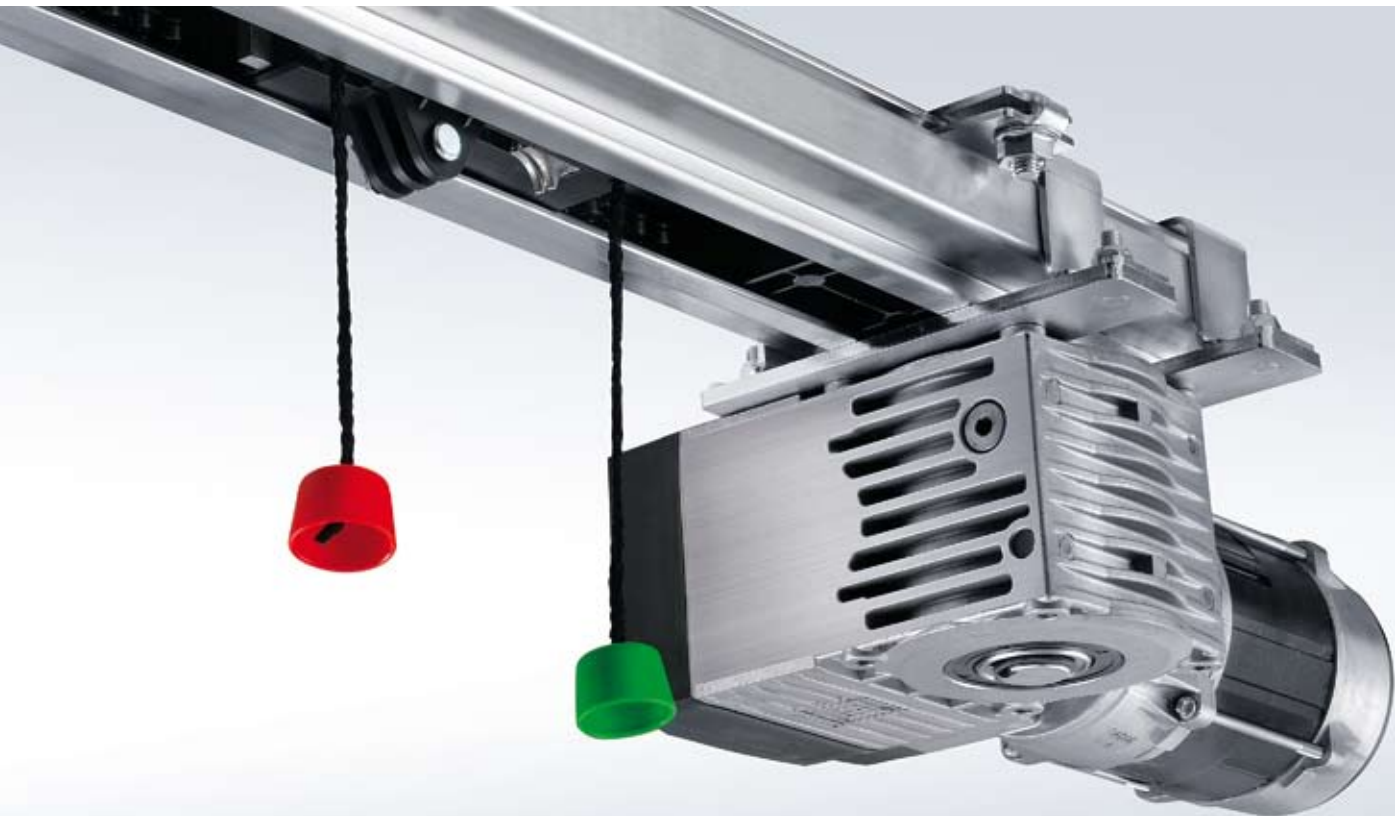
- Suitable for up to 100 parking spaces
- Pull and push force 1000 N, brief peak force 1200 N
- Expandable with additional units (activating kits for warning lights, traffic control)

Function and safety

- Emergency release from inside
- Soft start and stop for gentle, quiet door travel
- Patented door locking in the operator boom

ITO 400 / ITO 400 FU Chain Drive Operator

For over 50 parking spaces



For large doors and high operating frequencies

The ITO 400 chain drive is equally suited for doors in high-traffic underground garages as well as in the commercial sector. The ITO 400 is guided under the ceiling in a space-saving manner and is therefore especially suited for fitting situations with limited space to the left and right of the door.

Application range

- Suitable for over 50 parking spaces
- Can be combined with various controls (depending on requirements)
- No additional sideroom required
- Opening speed of approx. 210 mm/s or 300 mm/s (ITO 400 FU)
- Especially quiet and gentle on the door with the ITO 400 FU with frequency converter control
- Expandable through additional units (activating kits for warning lights, traffic control)

Function and safety

- Emergency release via bowden cable on the slide carriage
- Jet-water protection for operator and control (IP 65)
- Settings are made directly on a separate control via a control panel



Operation via control

With the ITO 400 chain drive operator, all settings can be made directly via the controller: it's convenient and easy. With controls A / B 460 and B460 FU, it is possible to connect a traffic control.



FU control for quiet door travel

The collective garage door operates even quieter with the optional B460 FU frequency converter control. The integrated soft start and soft stop ensures even smoother running and long-lasting reliable operation that is gentle on the door. The FU control offers another advantage: the door opens more quickly, at up to 300 mm/s.

Sturdy control chain

The strong chain and very sturdy operator boom are specifically designed for larger doors with high operating frequencies.

Rolling Shutters and Rolling Grilles

The economical choice for night doors

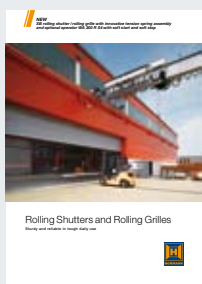


Robust and space-saving

Thanks to their simple design, rolling shutters and rolling grilles are particularly robust and require little space near the lintel due to their compact barrel. Exterior fitting is also possible if space is very tight.

Application range

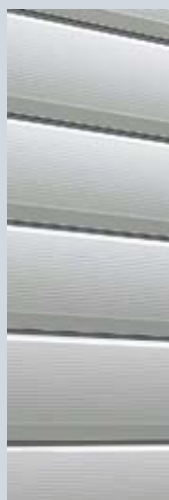
- Optimal as a secure night door
- Little space required due to compact barrel
- Especially flexible due to optional fitting as external rolling shutter and exterior rolling grille
- Tested unit of door and operator for a long service life
- High level of operational safety and low operating costs



For more detailed information on rolling shutters and rolling grilles, please see the special Hörmann brochure or go to www.hormann.co.uk.

For technical data, see page 24.

Profiles and curtain variants



Rolling shutter Decotherm S
Galvanized steel or aluminium for especially quiet door travel



Rolling shutter HR 120 aero
Aluminium Ventilation cross section: 30 % of the door surface



Rolling grille HG-S
Galvanized steel Ventilation cross section: 85 % of the infill surface



Rolling grille HG-L
Aluminium Ventilation cross section: 77 % of the door surface



3 door types for an optimum solution



For wide door openings with up to 50 parking spaces, we recommend the classic **rolling shutter / rolling grille**. The ZAK roll-on system optimally guides the door curtain and also reduces the required headroom.



The **basic rolling shutter / rolling grille** is particularly suited for collective garages with up to 30 parking spaces. The basic rolling shutter is available in a width of up to 5 m and the basic rolling grille is available in a width of up to 9 m.



The **SB rolling shutter / rolling grille** comes with the right standard equipment for collective garages with up to 20 parking spaces, such as a WA 300 R operator with soft start and stop for especially quiet and gentle door travel or the emergency release to easily open the door manually if the power fails.

HS 5015 PU N

High-speed Sectional Door

Speed with a top design

NEW
For especially
fast door opening

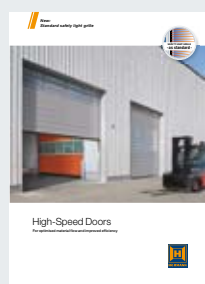


Fast and powerful

The high-speed sectional door with its microprofiled surface is attractive and fast. The combination with the powerful FU control enables opening speeds of up to 1.5 m/s.

Advantages at a glance

- Smooth and quiet door travel thanks to an FU control
- Elegant microprofiled surface
- Tested unit of door and operator for a long service life and little wear of the operator, a high level of operational safety and low operating costs
- No swivelling of the door leaf
- Very easy to repair, thanks to door sections that are simple to replace



For more detailed information about Hörmann high-speed doors, please see the special Hörmann brochure or go to www.hormann.co.uk.

For technical data, see page 25.

Curtain variants



High-speed sectional door HS 5015 PU N
Aluminium
with synthetic panes

The high-speed sectional door comes in RAL 9006 as standard and optionally in one of over 200 RAL colours.



High-speed sectional door HS 5015 PU N
Aluminium
with perforated sections

Ventilation cross section: approx. 30 % pro section

Radio System with Convenient PC Management

Simplified user administration
for collective garages



The Hörmann radio system for underground and collective garages with convenient PC management

The collective garage receiver facilitates the configuration and administration 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 replaced. Information management and coding is carried out on a standard PC. Hand transmitter authorisations are conveniently transmitted to the receiver via an SD card. A specialist is not required to do this. The Hörmann radio system is the ideal solution for underground garages with many users.

Advantages at a glance

- Easy and flexible user management via PC
- Compatible with all Hörmann collective garage operators, easy to dock
- Compatible with Hörmann radio operating accessories
- Minimum installation effort
- Optionally available: preprogrammed hand transmitters including an SD card for easy installation of new systems



The simple operation of the program facilitates the management of the respective garage users.

Compatible High-quality Accessories

Tailored to your requirements



The varied accessories programme offers high-quality mobile and stationary accessories for all fitting situations. Accessories range from the mini hand transmitter to code switches and finger-scans and also include special solutions such as traffic controls. Hörmann provides you with a completely standardised and compatible system with a perfectly matched door, operator and control element, which eliminates the need to coordinate components from different manufacturers. This saves you time, money and a lot of bother.

The following pages include an excerpt from Hörmann's comprehensive accessory programme. For more quality accessories, please see the special Hörmann brochures.

Accessories

Hand transmitters, buttons, finger-scans and receivers

					
4-button Mini hand transmitter HSM 4	2-button Hand transmitter HSE 2	4-button Hand transmitter HS 4	1-button Hand transmitter HS 1	4-button Hand transmitter HSP 4 with button lock-out, for 4 functions	4-button security hand transmitter HSS 4 Additional function: copy protection for hand transmitter coding
					
Design hand transmitter HSD 2-A Aluminium look with button lock-out, for 2 functions, can also be used as a key ring	Design hand transmitter HSD 2-C High-gloss chrome with button lock-out, for 2 functions, can also be used as a key ring	Hand transmitter HSZ 2 for 2 functions, for insertion in vehicle cigarette lighter	Hand transmitter HSZ 1 for one function, for insertion in vehicle cigarette lighter	1-channel receiver HEI 1 for one basic function, e.g. warning lights 2-channel receiver HEI 2 (not shown) e.g. for traffic control	
					
Code switches CTR 1b, CTR 3b The code switches CTR 1b and CTR 3b with illuminated button panel offer a high level of security against unauthorised opening. You simply enter your own personal code – a key is no longer needed. With the CTR 3b comfort version, you can open a second door and also switch on the outside lights or operate a door in the chosen direction.	Radio code switch FCT 10b The radio code switch FCT 10b offers the following additional functions in contrast to the code switches CTR 1b and CTR 3b: simple installation, since no cables need to be routed, with up to 10 radio codes (868 MHz) for actuating up to 10 doors.	Code switches CTV 1 / CTV 3 With keypad protected against vandalism, identical function as CTR 1b / CTR 3b.	Finger-scan FL 12, FL 100 Your fingerprint is all you need to safely and conveniently open your garage door safely and easily. With a different finger, you can operate an additional garage door or the entrance gate. The finger-scan is available in two versions, as an FL 12 or FL 100 to store 12 or 100 fingerprints, respectively.	Transponder key switch TTR 100, TTR 1000 The comfortable way to open doors: you simply hold the transponder key with your personal security code approx. 2 cm in front of the reader. A non-contact system! A major benefit in the dark. Suitable for max. 100 transponder keys (TTR 100) or 1000 transponder keys (TTR 1000). Two transponder keys are included.	

Accessories

Buttons and key switch posts



DT NG 10 emergency-off button

Push button, emergency-off button, palm operation.

Dimensions:

65 × 112 × 68 mm (W × H × D)

Protection category: IP 65



DT 03 push button

For separate control of both operational directions, with separate stop button.

Dimensions:

66 × 145 × 68 mm (W × H × D)

Protection category: IP 65



Pull switch ZT 2 with cord

Impulse generation to open or close the door.

Dimensions:

60 × 90 × 55 mm (W × H × D)

Pull cord length: 3.2 m

Protection category: IP 65



Key switch ESU 30

With 2 keys

Recessed version

Impulse or Open / Close function selectable

Dimensions of switch box:

60 × 58 mm (t × D)

Dimensions of cover:

90 × 100 mm (W × H)

Wall recess:

65 × 60 mm (t × D)

Protection category: IP 54

(also available as surface-mounted version ESA 30)



STAP key switch

With 2 keys

Surface-mounted version

Impulse or Open / Close function selectable

Dimensions:

80 × 110 × 68 mm (W × H × D)

Protection category: IP 54

(also available as a recessed version STUP)

Key switch post STS 1

With adapter for fitting TTR 1, FCT 10 b, CTR 1/CTR 3 or STUP.

The command units must be ordered separately.

Top and bottom end of post in Slate grey (similar to RAL 7015).

The post is stove-enamelled in RAL 9006 (White aluminium).

Dimensions:

300 × 1250 mm (t × H)

Protection category: IP 44

The illustration shows the version with fitted key switch STUP (accessory).



Accessories

Induction loops, photocells and activating kits for warning lights

**Customer-specific
special controls
on request.**



Induction loop DI 1-Pro
in a separate additional housing
Suitable for one induction loop.
The detector has a normally open contact
and a change-over contact.

Induction loop DI 2-Pro (not shown)
in a separate additional housing
Suitable for two separate induction loops.
The detector has two volt-free normally open
contacts. Can be set for impulse or permanent
contact. Directional recognition possible.
Dimensions of additional housing:
202 x 164 x 130 mm (W x H x D)
Switching capacity:
DI 1: low voltage 2 A, 125 VA / 60 W
DI 2: 250 V AC, 4 A, 1000 VA, (resistivity AC)
Supplied without loop cable



Loop cable for induction loop
50 m roll
Cable designation: SIAF
Cross-section: 1.5 mm²
Colour: brown



Reflection photocell
with transmitter / receiver unit
and reflector.
The photocell is tested by the
control prior to each closing cycle.
Connected via a system
cable (length 2 m).
Max. range 6 m
Dimensions:
68 x 97 x 33 mm (W x H x D)
Reflector:
85 x 85 mm (W x H)
Protection category: IP 65



One-way photocell EL 51
Photocell with separate transmitter
and receiver.
The photocell is tested by the
control prior to each closing cycle.
Connected via a system cable.
Max. range 8 m
Dimensions with fitting bracket:
60 x 165 x 43 mm (W x H x D)
Protection category: IP 65

NOTE: in automatic collective garage doors, a non-contact safety
device such as a photocell in the ground area, is prescribed
by law (personal safety). A second photocell, approx. 1 m above
the ground, is recommended (protection of property).



SupraMatic H

Extension unit for warning lights ES 1

In separate housing, two relays
to control warning lights, option
relay (momentary impulse) for
illumination control, impulse input,
hold-open phase can be shortened,
emergency-off button can
be connected, SupraMatic H keypad
can be switched off, automatic timer
can be switched off (e.g. ZSU 2),
incl. 2 warning lights (yellow).



Extension unit for warning lights ES 2

Technically identical to ES 1.
In addition, programming of the
SupraMatic H can be performed
via the expansion kit. The connection
of a closing edge safety device
as well as a safety or through-traffic
photocell, is also possible. Adjustable
hold-open phase of 5 – 480 seconds,
pre-warning time of 1 – 170 seconds,
incl. 2 warning lights (yellow).



Traffic control extension unit EF 1

Technically identical to ES 2.
Additional impulse command,
entrance and exit, entrance
function has priority, limit switch
reporting via an integrated relay,
incl. 2 traffic lights (red / green).

SupraMatic T

Traffic control extension unit EF 2

In separate housing, impulse
command, entrance and exit,
entrance function has priority,
without LED warning lights
(please order separately).

ITO 400 FU

Activating kit for warning lights in a separate additional housing or for fitting in an existing housing, incl. 2 warning lights (yellow)

Extension unit for control B460 FU. The activating
kit for warning lights serves as a visual indicator
while the door is moving. Optional weekly timer.

Possible applications:
Approach warning, automatic timed closing.
After the set hold-open phase has elapsed
(0 – 480 s), the warning lights flash during
the set pre-warning phase (0 – 70 s)
and during door travel.

Traffic control in separate additional housing or for fitting in an existing housing, incl. 2 traffic lights (red / green)

Extension unit for control B460 FU.
The activating kit for warning lights serves
as a visual indicator for regulating the entrance
and exit. (Optional weekly timer).
Duration of green phase:
Adjustable from 0 – 480 s
Duration of clearance phase:
Adjustable 0 – 70 s

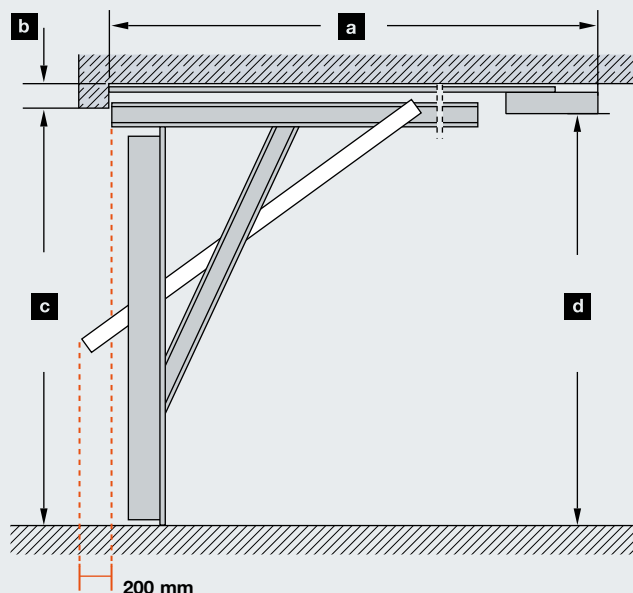
Dimensions (W x H x D)

Warning light (yellow)	170 x 277 x 210 mm
Traffic light (red/green)	170 x 467 x 210 mm
Additional housing	195 x 160 x 128 mm

Technical Data

ET 500 non-protruding up-and-over door

Space requirement



a Total length

SupraMatic H / T

Nominal size height (BRH) up to 2125 mm : K boom	3200 mm
Nominal size height (BRH) 2130 – 2300 mm : M boom	3450 mm
Nominal size height (BRH) 2305 – 2750 mm : L boom	4125 mm
Nominal size height (BRH) 2755 – 3000 mm : XL boom	4375 mm

ITO 400 / ITO 400 FU

Nominal size height (BRH) up to 2500 mm : K boom	3840 mm
Nominal size height (BRH) 2505 – 3000 mm : M boom	4840 mm

b Required headroom

SupraMatic H / T

Doors with infill overlapping the frame up to 20 mm	120 mm
Doors with wicket doors	100 mm

ITO 400 / ITO 400 FU

Doors with infill overlapping the frame up to 20 mm	140 mm
Doors with wicket doors	120 mm

c Clear opening height

Nominal size height (BRH), ordering size	2000 – 3000 mm
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d Clear passage height

Nominal size width (BRB) up to 4500 mm	= BRH - 20 mm
Nominal size width (BRB) from 4500 mm	= BRH - 60 mm
Door with wicket door	= BRH - 70 mm

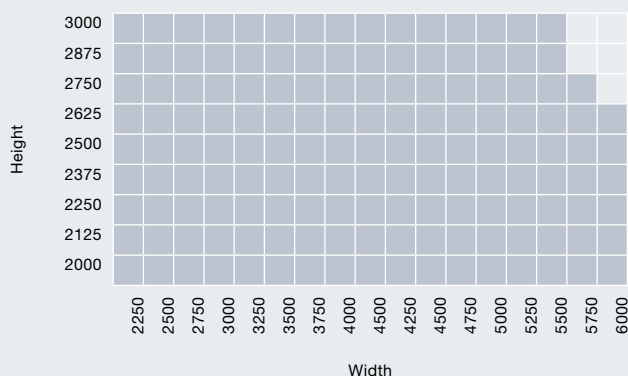
e Side space requirement*

ET 500 L (lightweight version)	At least 140 mm
ET 500 S (heavy version)	At least 250 mm

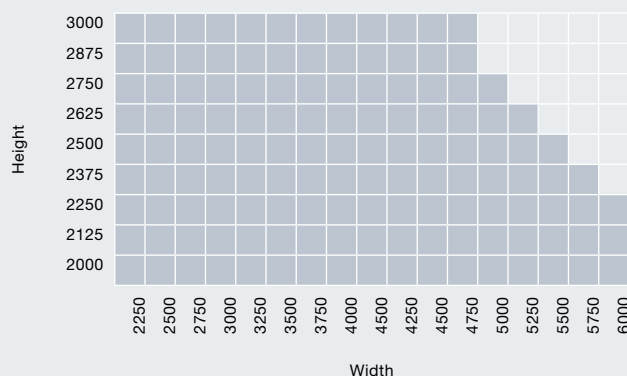
f Clear opening width

Nominal size width (BRB), ordering size	2250 – 6000 mm
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Size range (max.), infill at the factory



Size range (max.), on-site infill

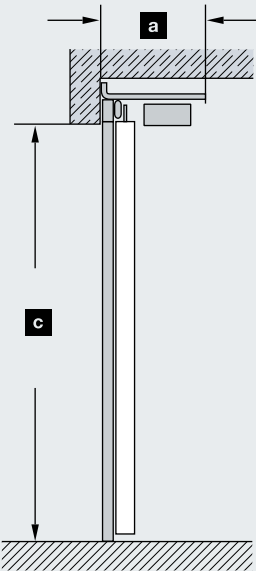


* An optional subframe is available for fitting situations without a lintel and / or sideroom.

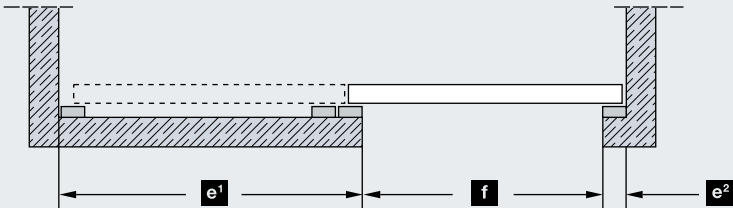
Technical Data

ST 500 sliding door

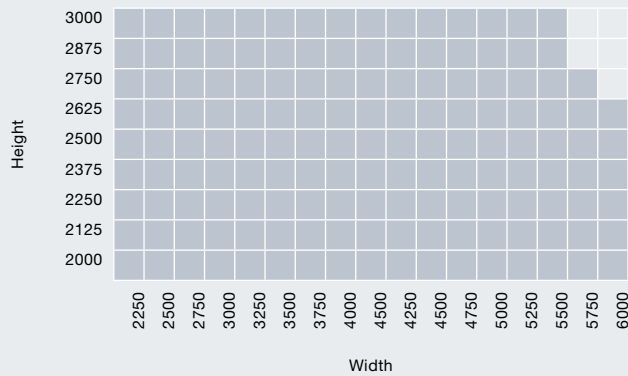
Space requirement



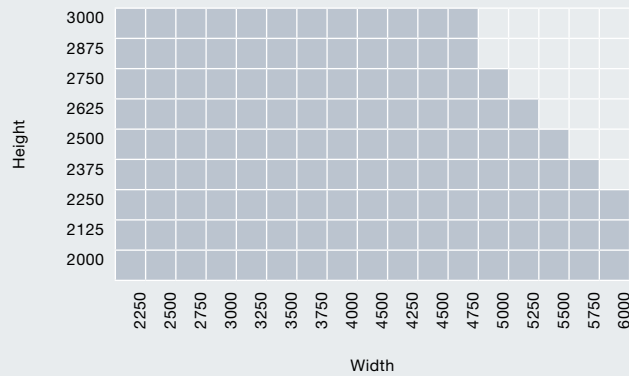
a	Fitting depth	Approx. 450 mm
c	Clear opening height Nominal size height (BRH), ordering size	2000 – 3000 mm
e¹	Side space requirement In door parking area	= BRB + 310 mm
e²	Side space requirement Door fitting	= 100 mm
f	Clear opening width Nominal size width (BRB), ordering size	2250 – 6000 mm
Clear passage		
	Clear passage height	= BRH
	Clear passage width	= BRB - 60 mm
	(The clear passage may vary depending on the fitting situation)	



Size range (max.), infill at the factory



Size range (max.), on-site infill

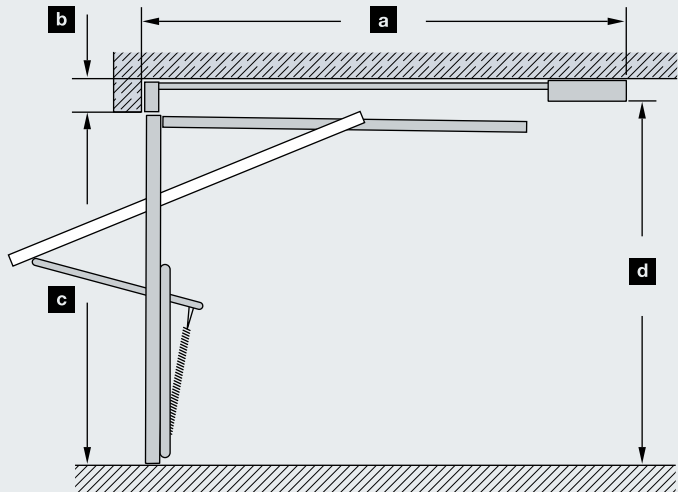


For additional sizes and equipment options, please see the product brochures and the technical manual.

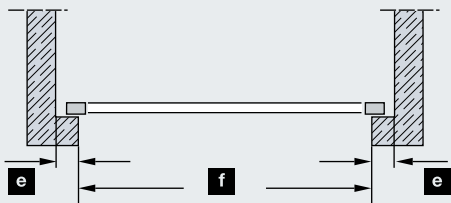
Technical Data

Up-and-over garage door

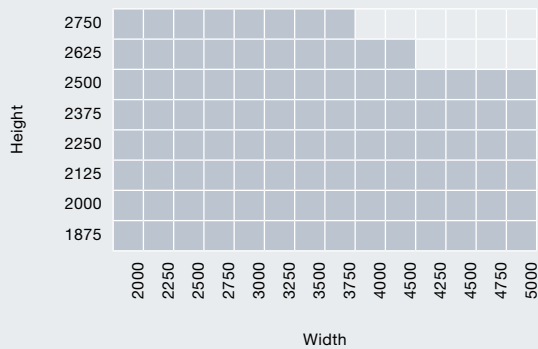
Space requirement



a Overall fitting depth	
Up to 2500 mm door height	3200 mm
Up to 2750 mm door height	3450 mm
b Required headroom	At least 50 mm
c Clear opening height	
Nominal size height (BRH), ordering size	1875 – 2750 mm
d Clear passage height	= BRH - 90 mm
e Side space requirement	At least 60 mm
f Clear passage width	= BRB - 140 mm



Size range (W x H, max.)



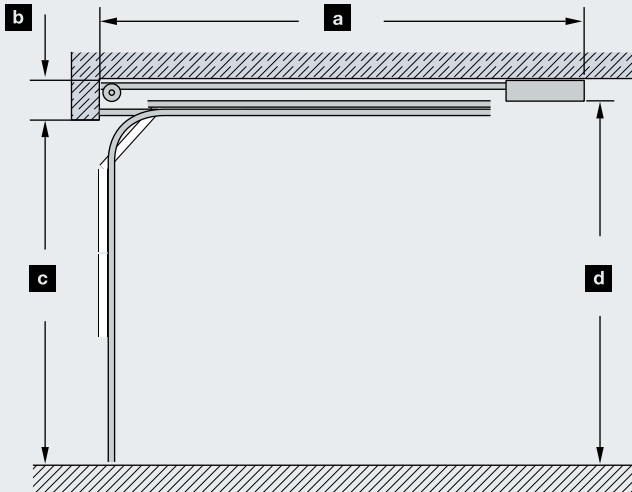
For additional sizes and equipment options, please see the product brochures and the technical manual.

Technical Data

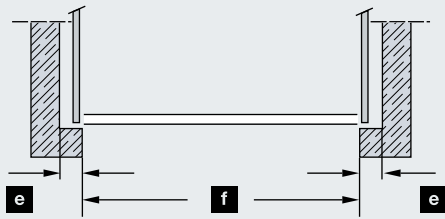
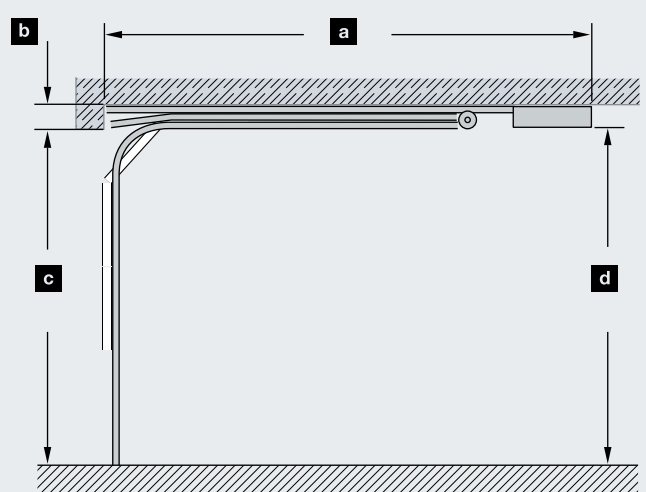
Industrial sectional door

Space requirement

Sectional door with track application N



Sectional door with track application L



a Fitting depth

Operator	SupraMatic H / HD		ITO 400 / ITO 400 FU
Fitting	N	L	N / L
3000 mm	4125 mm	4375 mm	4850 mm
2875 mm	4125 mm	4375 mm	4850 mm
2750 mm	4125 mm	4125 mm	4850 mm
2625 mm	4125 mm	4125 mm	4850 mm
2500 mm	4125 mm	4125 mm	3850 mm
2375 mm	3450 mm	4125 mm	3850 mm
2250 mm	3450 mm	4125 mm	3850 mm
2125 mm	3200 mm	3450 mm	3850 mm
2000 mm	3200 mm	3450 mm	3850 mm
1875 mm	3200 mm	3450 mm	3850 mm

b Required headroom

390 mm (track application N)
260 mm (track application L)

c Clear opening height

= RM (grid height)

d Clear passage height

Clear opening height up to 5500 mm = RM (track application N)
= RM -50 (track application L)
Clear opening height over 5500 mm = RM -50 (track application N)
= RM -100 (track application L)

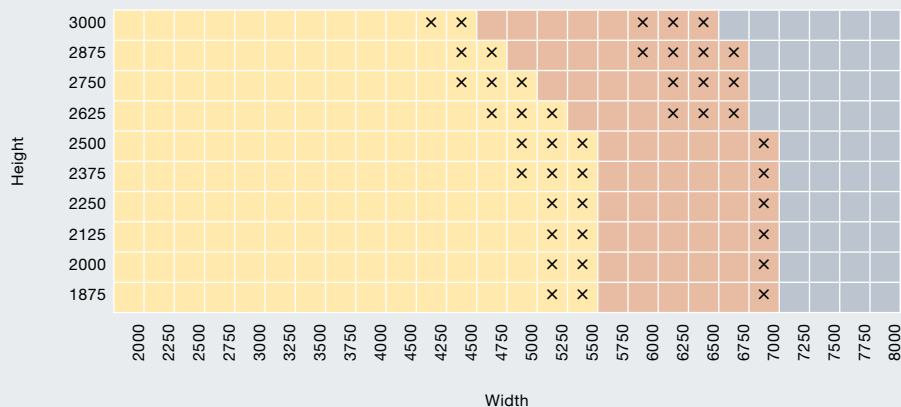
e Side space requirement

At least 125 mm

f Clear passage width

= LZ (clear frame dimensions)

Size range (W x H, max.)



Maximum application areas for operators

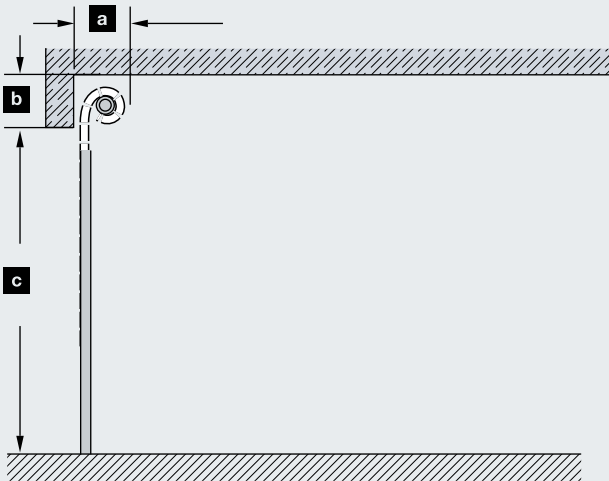
- SupraMatic H
- SupraMatic HD
- ITO 400 / ITO 400 FU
- x On request

For additional sizes and equipment options, please see the product brochures and the technical manual.

Technical Data

Rolling shutter / rolling grille

Space requirement



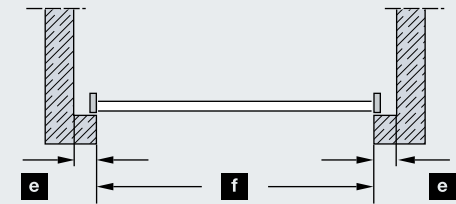
a Overall fitting depth	
Classic rolling shutter / rolling grille	685 – 896 mm
Basic rolling shutter / rolling grille	664 – 792 mm
SB rolling shutter / rolling grille	317 – 390 mm

b Required headroom for full passage height	
Classic rolling shutter / rolling grille	509 – 719 mm
Basic rolling shutter / rolling grille	430 – 524 mm
SB rolling shutter / rolling grille	460 – 485 mm

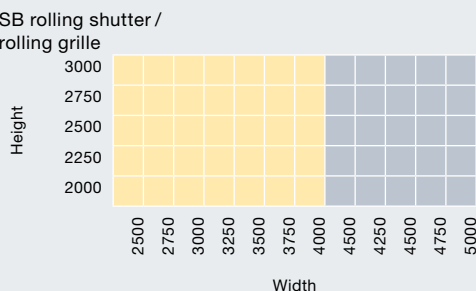
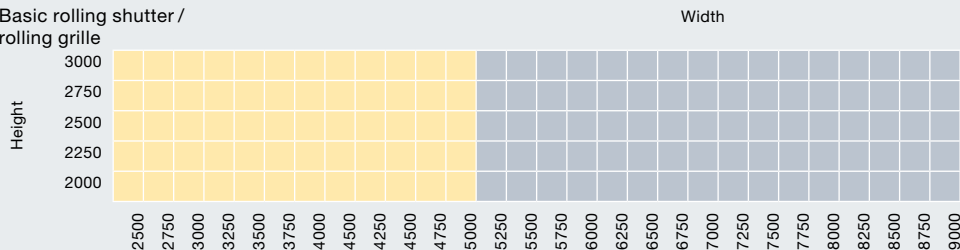
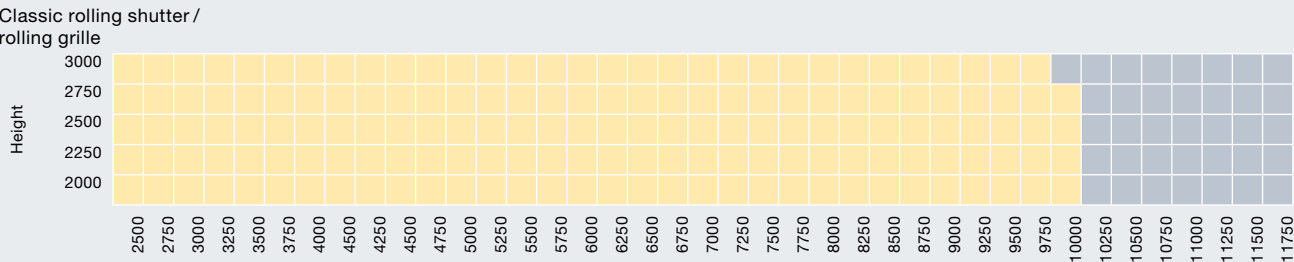
c Clear opening height (ordering size, door height)	
Classic rolling shutter / rolling grille	2000 – 3000 mm
Basic rolling shutter / rolling grille	2000 – 3000 mm
SB rolling shutter / rolling grille	2000 – 3000 mm

e Side space requirement	
Classic rolling shutter / rolling grille	At least 215 – 295 mm
Basic rolling shutter / rolling grille	At least 170 – 265 mm
SB rolling shutter / rolling grille	At least 165 mm

f Clear opening width (ordering size, door width)	
Classic rolling shutter / rolling grille	2000 – 11750 mm
Basic rolling shutter / rolling grille	2000 – 9000 mm
SB rolling shutter / rolling grille	2000 – 5000 mm



Size range (W x H, max.)



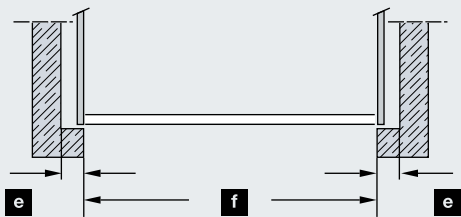
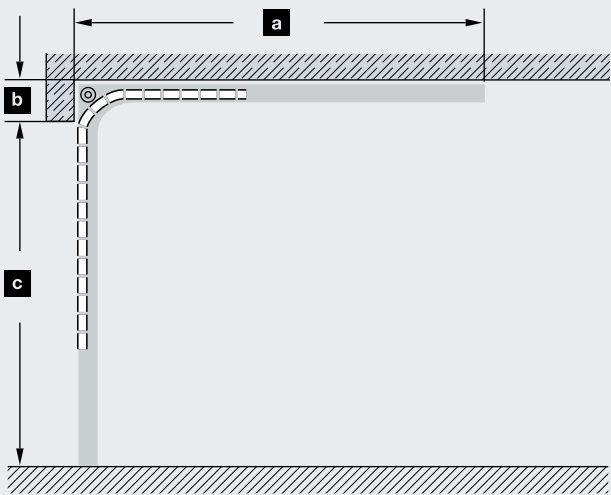
Rolling shutter
Rolling grille

For additional sizes and equipment options,
please see the product brochures and the technical manual.

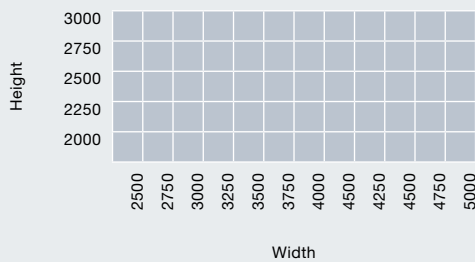
Technical Data

HS 5015 PU N High-speed sectional door

Space requirement



Size range (W × H, max.)



For additional sizes and equipment options, please see the product brochures and the technical manual.

a Overall fitting depth	b = 480 mm b = 750 mm	
	Opening height up to 2500 mm	Max. 3020 mm Max. 2750 mm
	Opening height up to 2750 mm	Max. 3270 mm Max. 3000 mm
	Opening height up to 3000 mm	Max. 3520 mm Max. 3250 mm
b Required headroom for full passage height	480 – 750 mm	
c Clear opening height (ordering size, door height)	Max. 3000 mm	
e Side space requirement	Bearing side	365 mm
	Operator side	535 mm
f Clear opening width (ordering size, door width)	Max. 5000 mm	

Everything from one source for your construction project

1 Sectional doors

These space-saving door systems can be adapted to different industrial facilities using various track applications. Hörmann offers you tailored solutions for every application.

2 Rolling shutters and rolling grilles

Thanks to a simple construction with just a few components, rolling shutters are both economical and sturdy. Hörmann supplies rolling shutters in widths and heights of up to 11.75 m and 9 m respectively, or as special doors which are even higher.

3 Steel and aluminium folding doors

Hörmann steel and aluminium folding doors are recommended for halls with low traffic frequency and little headroom, as well as areas where no roof load is permitted.

4 High-speed doors

Hörmann high-speed doors are used both inside and as exterior doors to optimise traffic flow, improve room air conditions and save energy. The Hörmann programme includes vertically and horizontally opening transparent doors with flexible curtains.

5 Loading technology

Hörmann offers you complete loading systems for the logistics sector. The advantages: reliable planning, dependable execution of construction work and high functionality thanks to precisely matched components.

6 Fire sliding doors

Hörmann can provide you with single or double-leaf sliding door solutions suitable for all areas and required fire protection classes.

7 Multi-function doors and reinforced internal doors

Hörmann multi-function doors and reinforced internal doors are suitable for a wide variety of applications, both inside and outside. Our single and double-leaf doors can be used wherever robust door elements are required. With numerous additional functions, such as fire and smoke protection, acoustic insulation or burglar protection.

8 Fire and smoke-protection tubular frame parts

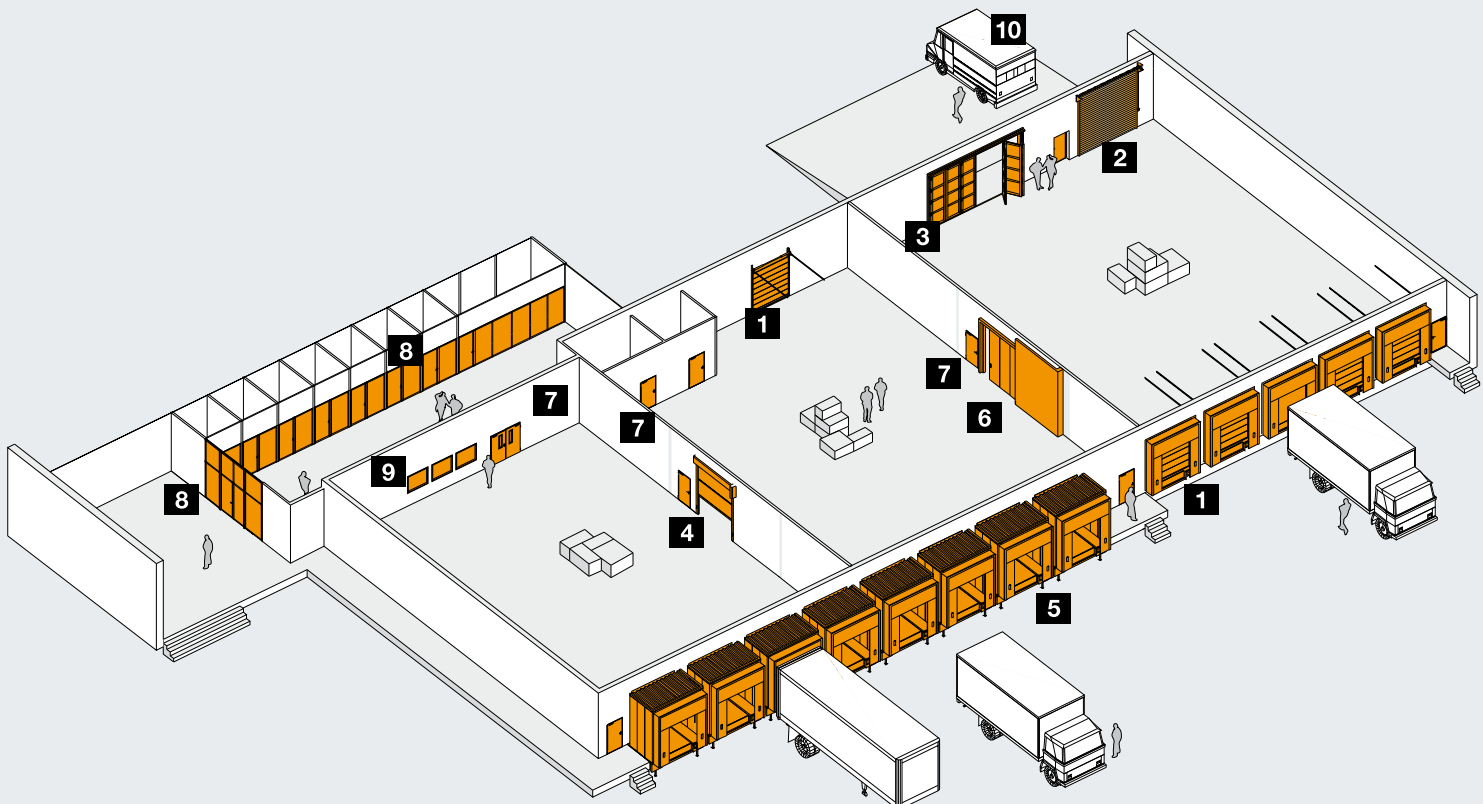
Hörmann can supply you with doors and fixed glazing made of steel and aluminium for areas where an appealing appearance is important, such as administration areas in industrial buildings.

9 Visibility windows

Hörmann visibility glazings are used as windows or room-high elements to provide more light and better visibility.

10 Service

Only intact, professionally maintained systems ensure smooth production processes and secure traffic ways. The statutory inspections and necessary repairs are professionally carried out and documented with an inspection and maintenance contract.





Hörmann: Quality without Compromise



Hörmann KG Amshausen, Germany



Hörmann KG Antriebstechnik, Germany



Hörmann KG Brandis, Germany



Hörmann KG Brockhagen, Germany



Hörmann KG Dissen, Germany



Hörmann KG Eckelhausen, Germany



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Hörmann Beijing, China



Hörmann Tianjin, China



Hörmann LLC, Montgomery IL, USA



Hörmann Flexon, Leetsdale PA, 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-specialised factories using the latest production technologies. The close-meshed network of sales and service companies throughout Europe, and activities in the USA and China, make Hörmann your strong partner for first-class building products, offering “Quality without Compromise”.

GARAGE DOORS

OPERATORS

INDUSTRIAL DOORS

LOADING EQUIPMENT

HINGED DOORS

DOOR FRAMES

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