

// Feel Safe with a Mechanical Door Security Kit



Garage Door Operators

Convenient and Secure – for You and Your Home





You'll Enjoy this Product for Years to Come

Premium quality from the door and operator specialists

Europe's No. 1 specialist, Hörmann, is characterised by advanced and innovative operator technology that makes your life more convenient and secure. Every day, rain or shine, for years to come.

Certified brand quality – Made in Germany

Tested safety

Hörmann garage door operators are tested and certified by sworn independent experts, as individual units and in combination with all Hörmann garage doors, but also together with many non-Hörmann garage doors, in accordance with the stringent safety requirements and regulations of the European Standard 13241-1.



Guaranteed quality

Our excellent technical solutions, numerous patents, and uncompromising quality assurance mean that you get a 5 year warranty on all Hörmann operators.



* Warranty conditions and further information on Hörmann products can be found in the Internet at: www.hoermann.com.

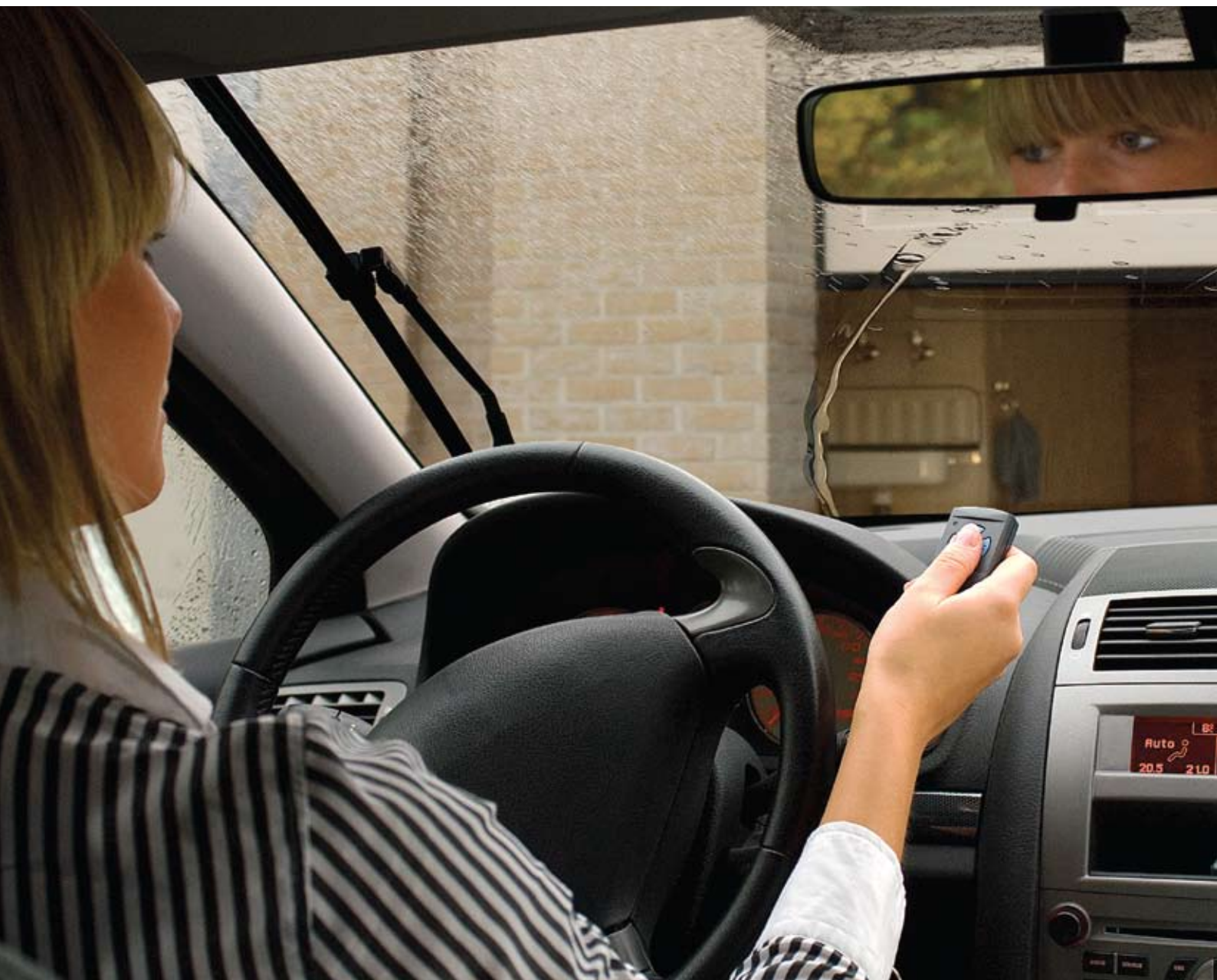


Faster and safer garage entrance

SupraMatic operators with up to 50% faster opening speeds combined with Hörmann sectional doors save you time and reduce the risk of accidents particularly on high-traffic streets.

Compare the opening speed of the new SupraMatic operator with conventional operators – and take a look at our short film at www.hoermann.com.





Enjoy Convenience and Security

Thanks to patented Hörmann solutions

Technology is particularly fascinating when it makes your life easier.
That is why Hörmann develops intelligent solutions for automatic garage doors,
such as patented, automatic door security kits.

Hörmann solutions – thought out to the last detail

Reassuring: Door Security Kit

Uninvited guests barely stand a chance with Hörmann's automatic sectional doors. When the garage door is closed, the door security kit automatically engages in the operator's guide rail stops, locks immediately and is secured against forced opening. In contrast to competing operators, Hörmann's door-locking process is purely mechanical and thus functions without a power supply.

Reliable: Safety Cut-Out

The reliable safety cut-out securely stops the door if it suddenly encounters an obstacle. For even more protection and security, we recommend installing a photocell. In Hörmann SupraMatic P garage door operators, the photocell is included in the scope of delivery. Safety first.

Individual: Ease of Use

Hörmann offers just the right mobile and stationary quality accessories for every fitting situation, so that you can conveniently and easily operate your automatic sectional door at any time. Accessories range from the micro hand transmitter to code switches and finger scanners, as well as special solutions such as the emergency battery.

Combinable: Hand Transmitter

One for all: You can operate your Hörmann garage door and entrance gate operator with just one hand transmitter. An additional receiver allows you to perform other functions, e.g. turning outdoor lighting on or off, by pushing the button on your hand transmitter.



The design hand transmitter HSD 2 is set apart by its high-quality metal housing and an exclusive appearance. Winner of the **reddot design award**, it is sure to become the highlight on your key ring.

The faster opening speed of the SupraMatic is particularly advantageous when fitted to sectional doors, which due to their design, operate more slowly than one piece doors.



Strong. Safe. Supra-Fast.

The **turbo** among the garage door operators

You will find this combination of speed and convenience fascinating. Your sectional garage door opens faster, you can switch on the garage lighting separately and as regards the additional functions, you'll never want to do without them ever again.

SupraMatic - the super-fast operator with additional comfort

SupraMatic E

Peak force: 800 N

Opening speed: **max. 22 cm /s**

Door width: up to 5500 mm,

For a maximum of 25 door cycles (open/close) per day

SupraMatic P

Incl. photocell as standard

Peak force: 1000 N

Opening speed: **max. 22 cm /s**

Door width: up to 5500 mm,

Also suitable for heavy timber doors and garage doors with integrated wicket door

For a maximum of 50 door cycles (open/close) per day

SupraMatic H

SupraMatic for special demands in underground and collective garages. For max. 100 door cycles (open/close) per day. Your specialist dealer would be pleased to advise you on the special accessories for the SupraMatic H.

- **Door opens faster**

Due to the higher opening speed of up to 50 % for sectional doors, you get into your garage faster.

- **Separately switchable halogen lighting**

Via your hand transmitter or the IT 3b optional internal push-button unit, the operator lighting can be switched separately on and off.

- **Additional opening height**

With the individually adjustable second opening height you can ventilate your garage without having to fully open the door.

- **Elegant aesthetics**

Thanks to the operator hood in brushed aluminium

With proven Hörmann technology

- Adjustable "soft" start and "soft" stop: saves wear on the door and operator, ensures a quiet-running door at every stage of opening and closing
- Automatic door latching: Optimum mechanical protection against levering open of the door (Hörmann Patent)
- Reliable automatic cut-out: stops the door instantly on encountering an obstruction
- Maintenance-free toothed belt with automatic retensioning (Hörmann Patent)
- Inside emergency release
- With 4-button hand transmitter as standard
- Integral 3-channel receiver
- Broad range of accessories
- Simple and quick to install thanks to perfectly prepared fixings
- Adjustable lighting (1-5 minutes)



The standard photocell included with the SupraMatic P operators immediately detects persons and objects. This is a level of safety that families with children especially appreciate.





Everything is compatible with Hörmann.
In addition to the garage door, you can also operate the
Hörmann entrance gate operator with the same hand transmitter.



Ingenious. Inexpensive. Invaluable.

More than you expect

The ProMatic garage door operators feature the same proven
Hörmann technology as all Hörmann premium operators.
This guarantees reliable function – at an attractive price.

ProMatic – the inexpensive starter model and ideal introduction to Hörmann's premium quality operators

ProMatic

Peak force: 650 N

Opening speed: max. 14 cm /s

Door width: up to 5000 mm (max. 10 m² door surface)

For a maximum of 12 door cycles (open/close) per day

ProMatic P

Peak force: 750 N

Opening speed: max. 14 cm /s

Door width: up to 5500 mm

Also suitable for larger and heavier doors.

For a maximum of 20 door cycles (open/close) per day

With proven Hörmann technology

- Adjustable "soft" start and "soft" stop: saves wear on the door and operator, quiet-running door at every stage of opening and closing
- Automatic door latching: optimum mechanical protection against levering open of the door (Hörmann Patent)
- Reliable automatic cut-out: stops the door instantly on encountering an obstruction
- Maintenance-free toothed belt with automatic retensioning (Hörmann Patent)
- Inside emergency release
- With 4-button hand transmitter as standard
- Integral receiver
- Broad range of accessories
- Simple and quick to install thanks to perfectly prepared fixings
- 2 minutes light



Both the SupraMatic and ProMatic include 4-button hand transmitters as standard features. (Illustration in actual size)





The New-Found Freedom

The operator for garages without a power connection

Now, even a garage without a mains connection, can still offer you the comfort and convenience of an electric operator. The ProMatic Akku makes it possible. Easy to transport, it can be recharged in a matter of hours, e.g. overnight.

ProMatic Akku – the practical operator for garages without a mains connection

ProMatic Akku

Peak force: 400 N
Opening speed: max. 13 cm /s
Door width: up to 3000 mm (max. 8 m² door surface)
For a maximum of 4 door cycles (open/close) per day

Akku

Capacity: approx. 30 days*
Charging time: 5-10 hours**
Weight: 8.8 kg
Dimensions: 320 x 220 x 115 mm

* based on an average of 4 door cycles per day and an ambient temperature of 20° Celsius

** depending on the charging state

● Power for up to 30 days

You can enjoy the operating comfort of a garage door operator for up to 30 days without having to recharge the accumulator in between.

● Easy overnight recharging

Similar to the recharging of a mobile phone, the accumulator is simply connected to a power outlet using the supplied charger. The accumulator then fully recharges overnight and your operator is ready for use again.

● Particularly convenient

The optional solar module saves you having to recharge the accumulator manually. The module is simply mounted to the side or on top of the garage.

Solar-Module (optional)

A practical extension to ProMatic Akku takes over battery charging. Delivery includes installation material, 10 m connecting lead and charge regulator. Dimensions: 300 x 400 mm



With proven Hörmann technology

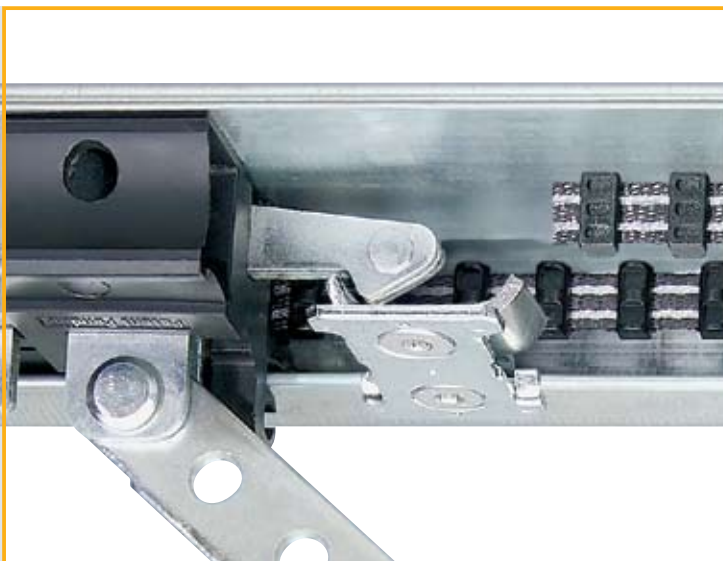
- Adjustable “soft” start and “soft” stop: saves wear on the door and operator, a quiet-running door at every stage of opening and closing
- Automatic door latching: Optimum mechanical protection against levering open of the door (Hörmann Patent)
- Reliable automatic cut-out: stops the door instantly on encountering an obstruction
- Maintenance-free toothed belt with automatic retensioning (Hörmann Patent)
- Inside emergency release
- With 4-button hand transmitter as standard
- Integral receiver
- Broad range of accessories
- Simple and quick to install thanks to perfectly prepared fixings
- 30 seconds light



Thanks to the practical carrying handle and its light weight, the accumulator is easy to transport.



Only from Hörmann



Automatic door latching in the operator boom

When the door closes, the door security kit automatically engages into the boom stop. This provides effective security to prevent the door from being forced open. The device is entirely mechanical, so functions even during a power failure!

Uninvited guests are left out in the cold!

Hörmann garage door operators protect the door from being forcibly levered open. Would-be intruders don't stand a chance!

Hörmann customers enjoy security.
Day and night. Night and day.

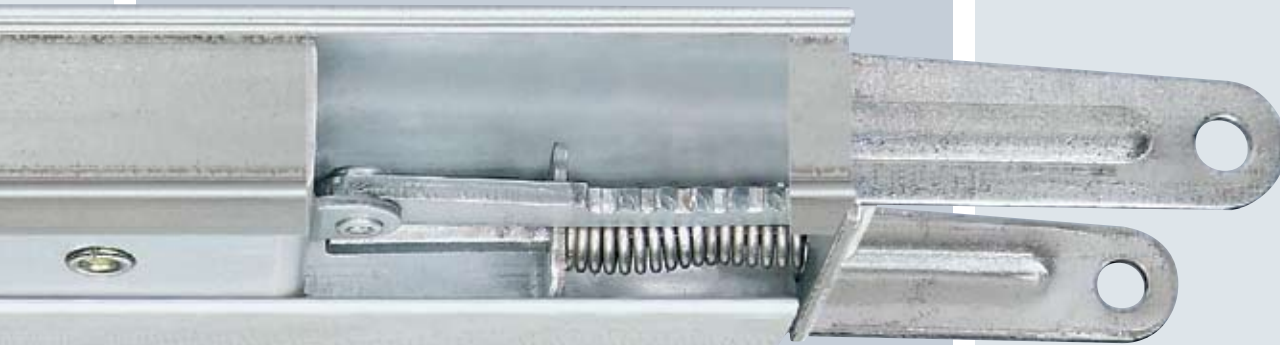


Reliable and Safe

with automatic door latching

Hörmann's boom-guided operator technology is a patented system that offers you nothing but benefits: smooth-running reliable operation and automatic latching for increased security. You don't have to worry about a thing – it's all taken care of for you!

As standard with Hörmann garage door operators: the robust, flat rail with patented toothed belt technology



- **Compact unit**

Hörmann's doors, operators, and rails form a compact, permanently connected unit. Additional control units and exposed, movable connecting leads are not necessary.



- **Maintenance-free toothed belt**

Reinforced with aramid fibres, the Kevlar toothed belt is particularly tear-resistant and quiet-running. No greasing or oiling necessary, which is a major advantage over chain drive or spindle operators.



- **Automatic belt tension**

A strong spring mechanism always tensions the toothed belt automatically, thus ensuring uniform, smooth running.

- **Exceptionally flat boom**

The exceptionally flat boom - only 30 mm high - means that the operators are easy to mount onto any commercially available garage door and are therefore also ideal for retrofitting.

- **Centre installation**

Centre installation of the operator rails on the door leaf results in uniform pull forces on the door. No canting, no wear, which is frequently the case with e.g. operators installed on one side.



- **Simple installation**

Hörmann operators can be installed easily and quickly. As a result, the operator can be directly mounted on the reinforced connection profile of a Hörmann sectional door (up to 3000 mm door depth). An additional advantage: Just one suspension is sufficient, even for long rails.

- **Universal Fitting Bracket**

Fits all commercially available up-and-over and sectional doors.

- **Inside emergency release**

to conveniently open the door from the inside in the event of a power failure.



Special track application for hinged garage doors

Thanks to easy assembly of the optional track application, retrofitting is also very easy.



Everything fits together with Hörmann.
In addition to the garage door, you can also operate the
Hörmann entrance gate operator with the same hand transmitter.



Into the Garage by Remote Control

Because it's more convenient and safer

You stay seated in the car and operate the garage door in the same convenient way as you would your TV set. Press the button on the hand transmitter and drive straight into the garage. Protected from all weathers. Especially when it's dark the direct route is definitely the safest.

Mobile, convenient accessories with exclusive designs



Mini hand transmitter HSM 4
for 4 functions



Micro hand transmitter HSE 2
for 2 functions,
incl. key ring



Hand transmitter HSP 4
for 4 functions,
with transmission block,
incl. key ring



Hand transmitter HS 4
for 4 functions



Hand transmitter HS 1
for one function



HSD 2-A
aluminium,
block for 2 functions,
with transmission block



HSD 2-C
glossy chrome,
for 2 functions,
with transmission block



There is also a convenient option to integrate the hand transmitter in an inconspicuous spot in your vehicle. Inserted in the vehicle's cigarette lighter, the HSZ hand transmitter is easily accessible and convenient to operate.



Hand transmitter HSZ 1
for one function



Hand transmitter HSZ 2
for 2 functions

Ask your specialist dealer about the **HF 22 radio set**, which includes an HSZ 2 and HET 2 receiver (for other manufacturers and operators without 868.3 MHz radio frequency).

With proven Hörmann technology

- Protection against unauthorised use with a billion possible radio codes
- Stable range via 868.3 radio frequency
- HomeLink compatible (version 7)
- Impact-resistant thanks to the permanently built-in aerial
- Simple transfer of the code from one hand transmitter to the other



Radio code switches and radio transmitters



Radio switches are easy to install – no cables have to be laid. The code or impulse is transmitted via radio.

Radio code switch FCT 3b
for three functions,
with illuminated buttons
and hinged protective cover



Radio code switch
FCT 3b

Radio code switch FCT 10b
for 10 functions,
with illuminated buttons
and weather-resistant membrane keypad



Radio code switch
FCT 10b

Radio internal push button FIT 2
for two functions,
operation via 2 impulse buttons,
optionally via a connected key switch that can,
for example, be turned off on the radio internal push
button while you are away on holiday



Radio internal push
button FIT 2

Recessed radio transmitter
for two functions,
for central installation in a hallway/living room
within sight of the garage door



Radio transmitter HSU 2
with button TUPS 2

HSU 2: for all commercially available switch boxes
with 55 mm Ø with connection to the house mains
supply

FSU 2: incl. 9V battery/connection option for
voltages up to 24 V (not shown)

Every Home is Unique

That is why our accessories are so diverse

We do not know precisely what your on-site structural conditions are like.
But we are certain that you are guaranteed to find the right control element
for your home in our diverse accessory programme. We offer the best quality
with individual functions.

Stationary code switches, finger scanners, internal push buttons



The stationary convenience and security elements are wired, i.e. they function via a power supply line.

Code switch CTR 1d/CTR 3d
for one/three functions,
with hinged protective cover



Code switch
CTR 1d/CTR 3d

Code switch CTR 1b/CTR 3b
for one/three functions,
with illuminated buttons and weather-resistant
membrane keypad



Code switch
CTR 1b/CTR 3b

Code switch CTV 1/CTV 3
for one/three functions,
especially robust,
protected against vandalism



Code switch
CTV 1/CTV 3

Finger scanner FL 12/FL 100
for two functions,
garage door opening with fingerprint,
can store for 12/100 fingerprints



Finger scanner
FL 12/FL 100

Also available in a special model for your Hörmann entrance door (not shown).

Internal push button IT 1b/IT 3b

You can conveniently open the door by pushing the large, illuminated button. The two additional buttons on the IT 3b control the operator light and can completely switch off the operator, e.g. while you are away on holiday.



Internal push
button IT 1b



Internal push
button IT 3b

Internal push button IT 1

with impulse button for opening and closing the door

Internal push button
IT 1

Transponder key switches, key switches



Transponder key switches open the garage if you hold the coded key approx. 2 cm in front of the button.

**Transponder key switch
TTE 12/TTR 100/TTR 1000**

for one function,
with 2 keys (more on request)
for up to 12/100/1000 keys



Transponder key
switch TTE 12



Transponder key switch
TTR 100/TTR 1000

**The classic way to secure your door
against unauthorized use.**

**The key switch comes in two
designs – a recessed and surface-
mounted version.**

Key switch STUP 40/STAP 40

in recessed and surface-mounted
versions, including 3 keys



Key switch STUP 40
(recessed)



Key switch STAP 40
(surface-mounted)

Key switch ESU 40/ESA 40

in recessed and surface-mounted
versions, including 3 keys



Key switch ESU 40
(recessed)



Key switch ESA 40
(surface-mounted)

Convincing Solutions

Let us advise you

Hörmann offers you more convenience with transponder key switches and key switches. If the power fails, an emergency battery ensures that you can even open and close your door hours later.

Everything for Emergencies



The emergency accumulator

This emergency power supply allows you to bridge mains power failures for up to 18 hours and to carry out 5 door cycles. The emergency battery recharges itself during normal operation. Emergency batteries can be added to all current Hörmann garage door operators.



Additional emergency release

For garages without a second access door, we offer you the following options for opening your garage door from the outside in an emergency (e.g. in the event of a power failure).



For sectional doors without a handle

- Emergency release lock with round cylinder (cannot be mastered with other locks in your home)
- Emergency release handle in a choice of eight styles including lock (can be mastered with other locks in your home)



For up-and-over and sectional doors with existing handle

- Emergency release (not illustrated)

Photocell

This is an increased level of safety that families with children especially appreciate. Persons and vehicles are immediately detected.



Photocells come as standard with SupraMatic P.

Photocell EL 101



Receiver

If you switch on additional outdoor lighting and want, for example, to open a garage door (non-Hörmann make) with the hand transmitter, you require a relay receiver with 1, 2 or 4 channels.



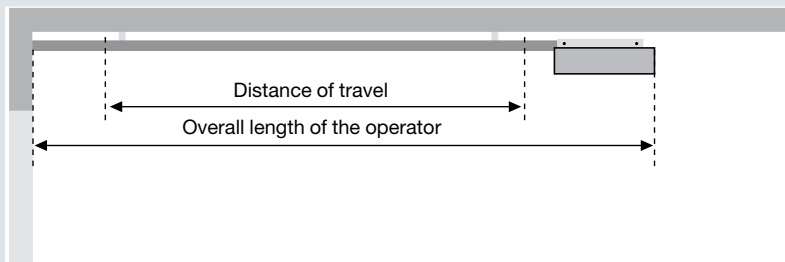
Do you have a special request?

Your Hörmann specialist dealer is happy to advise you and can give you information on additional quality accessories for even more convenience and security.

SupraMatic and ProMatic garage door operators

Technical Data, Installation Details

Technical data	SupraMatic E		SupraMatic P	ProMatic	ProMatic P	ProMatic Akku
Peak force	800 N		1000 N	650 N	750 N	400 N
max. door speed	OPEN	22 cm/s	22 cm/s	14 cm/s	14 cm/s	13 cm/s
	CLOSE	13 cm/s	13 cm/s	13 cm/s	13 cm/s	13 cm/s
Door cycles (open/close) per day	max. 25		max. 50	max. 12	max. 20	max. 4
Operator programming	3 buttons and 7-segment displays on the outside of the operator housing			DIP switch on the operator circuit board		DIP switch on the operator circuit board
Operator lighting	2-minute light can be individually set from 1-5 minutes or switched off altogether			2 minutes light		30 seconds light
Automatic cut-out	Automatically learned separately for both directions and re-adjusting during every door cycle.					
End-of-travel cut-off	Self-learning, wear-free because there are no mechanical switches, additionally with integrated excess travel stop					
Belt relief	automatic/adjustable			automatic		
Force limit	automatic/adjustable			automatic		
“Soft” start/”Soft” stop	automatic/adjustable			adjustable		
Automatic timer	activated with adjustable hold-open phase			activated with 30 seconds hold-open phase		–
Closing edge safety device	can be connected, with automatic detection adjustable with or without self-monitoring			–		–
Photocell	can be connected, with automatic detection can be set to work with or without self-testing	Standard		Connectible with automatic recognition		–
Leading photocell VL 2 for garage doors incorporating a wicket door with trip-free threshold	–	can be connected		–	–	–
Warning light	can be connected via an external options relay			Connectible via an external options relay		
Additional lighting	can be connected via an external options relay can be switched separately with operator lighting			Connectible via an external options relay (coupled with door functions)		
CLOSE end-of-travel signalling	can be connected via an external options relay			Connectible via an external options relay		–
Factory reset	yes					
Remote control	With a 4-button hand transmitter HSM4 and HSE2 (868.3 MHz) Integral receiver. Fail-safe radio system with security coding from more than 1 billion options. On the press of a button, easy transfer of the hand transmitter code via a “teaching” function.					
Motor	DC motor with Hall sensor Worm gear and transformer with thermal overload protection Operating mode: S2. Short-term duty: KB 2 min.					
Mains connection	230 / 240 V/AC, 50 / 60 Hz, with CEE plug Stand-by approx. 4.5 W					24 V
Fitting	Universal fitting for up-and-over and sectional doors.					
Boom	Extremely flat (only 30 mm high), with integral door security kit and maintenance-free, patented toothed belt. Transport lengths (mm): 1-piece: 3075 (K), 3325 (M), 4000 (L), 2-piece: 1570 (K), 1690 (M), 2020 (L)					
Dimensions (W x H x D)	Drive unit: 180 x 110 x 325 mm Cardboard packaging: 195 x 145 x 600 mm			Drive unit: 155 x 120 x 335 mm Cardboard packaging: 195 x 145 x 600 mm		
Shipping weight	Drive unit: 6.4 kg Booms: 6.8 (K), 7.4 (M), 8.8 (L)					
Protection category	For dry rooms only					
Use/application	For domestic garages only					

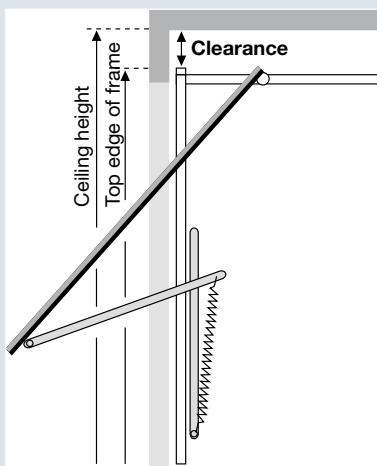


Boom type	Overall length	Distance of travel
K Short boom	3200 mm	2475 mm
M Medium boom	3450 mm	2725 mm
L Long boom	4125 mm	3400 mm

Application range of booms for Hörmann garage doors

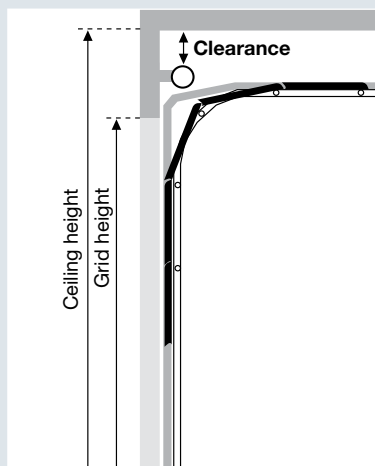
K	“Berry” up-and-over doors (N80 und DF98) Sectional garage doors with N tracks Sectional garage doors with Z, L and H tracks	up to 2500 mm high, up to 2250 mm high, up to 2125 mm high,
M	Berry” up-and-over doors (N80 und DF98) Sectional garage doors with N tracks Sectional garage doors with Z, L and H tracks	up to 2750 mm high, up to 2500 mm high, up to 2375 mm high,
L	Sectional garage doors with N, Z, L and H tracks	up to 3000 mm high

For other door makes
note distance of travel!



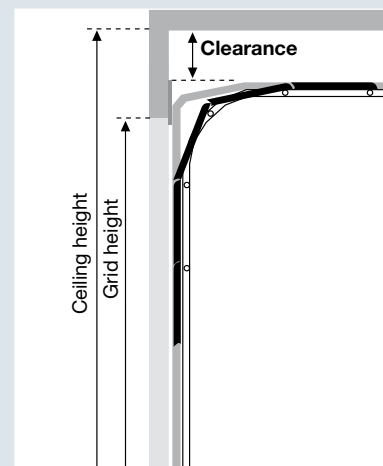
Clearance for up-and-over doors

N80	0 mm
N80, styles 905 and 941 or with timber infill	15 mm
DF98, DF95, DF80	65 mm



Clearance for sectional garage doors

with N tracks Ceiling height = Grid height + 210 mm	0 mm
with H tracks	0 mm



Clearance for sectional garage doors

with Z tracks Ceiling height = Grid height + 115 mm	15 mm
with L tracks Ceiling height = Grid height + 115 mm	15 mm

Clearance for other door makes

between the door's highest point of travel and the ceiling	30 mm
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All dimensions are minimum dimensions.



Operating convenience for your entrance gate

Hörmann's RotaMatic and LineaMatic remote-controlled entrance gate operators make your entrance gate especially convenient and secure. And the best thing:

Everything fits together with Hörmann.

You can open the garage door, entrance gate, and turn the outdoor lights on and off with the very same hand transmitter. Benefit from the Hörmann compatibility and ask your specialist dealer about our extensive accessory programme.



RotaMatic hinged gate operator

For doors with up to 4000 mm width and 2000 mm height and a maximum gate weight of 400 kg.



LineaMatic sliding gate operator

For doors with up to 8000 mm width and 2000 mm height and a maximum gate weight of 500 kg.

**Experience quality with
Hörmann**

Garage doors

Match any type of architecture:
up-and-over or sectional doors made of steel
or timber.



Door operators

Simply convenient: Hörmann operators for garage
doors and entrance gates.



Entrance doors

An elegant eye-catcher: energy-saving, thermally
insulated aluminium entrance doors.

Canopies

A practical complement to your chosen entrance
door.

Steel doors

Quickly fitted: Solid doors for all areas in your home,
from the basement to the loft.



Frames

A comprehensive programme for new construction,
renovation, and modernisation.

Hörmann: Quality without Compromise



Hörmann KG Amshausen



Hörmann KG Antriebstechnik



Hörmann KG Brandis



Hörmann KG Brockhagen



Hörmann KG Dissen



Hörmann KG Eckelhausen



Hörmann KG Freisen



Hörmann KG Ichtershausen



Hörmann KG Werne



Hörmann Genk NV, Belgium



Hörmann Beijing, China



Hörmann Gadco LLC, Vonore TN, USA

Hörmann is the only manufacturer worldwide that offers you a complete range of all major building products from one source. We manufacture in highly-specialized factories using the latest production technologies.

The close-meshed network of sales and service companies throughout Europe, and activities in the USA and China, make Hörmann your strong partner for first-class building products, offering "Quality without Compromise".

GARAGE DOORS

OPERATORS

INDUSTRIAL DOORS

LOADING TECHNOLOGY

HINGED DOORS

DOOR FRAMES