

// New: Sliding Gate Operators LineaMatic H and STA 400

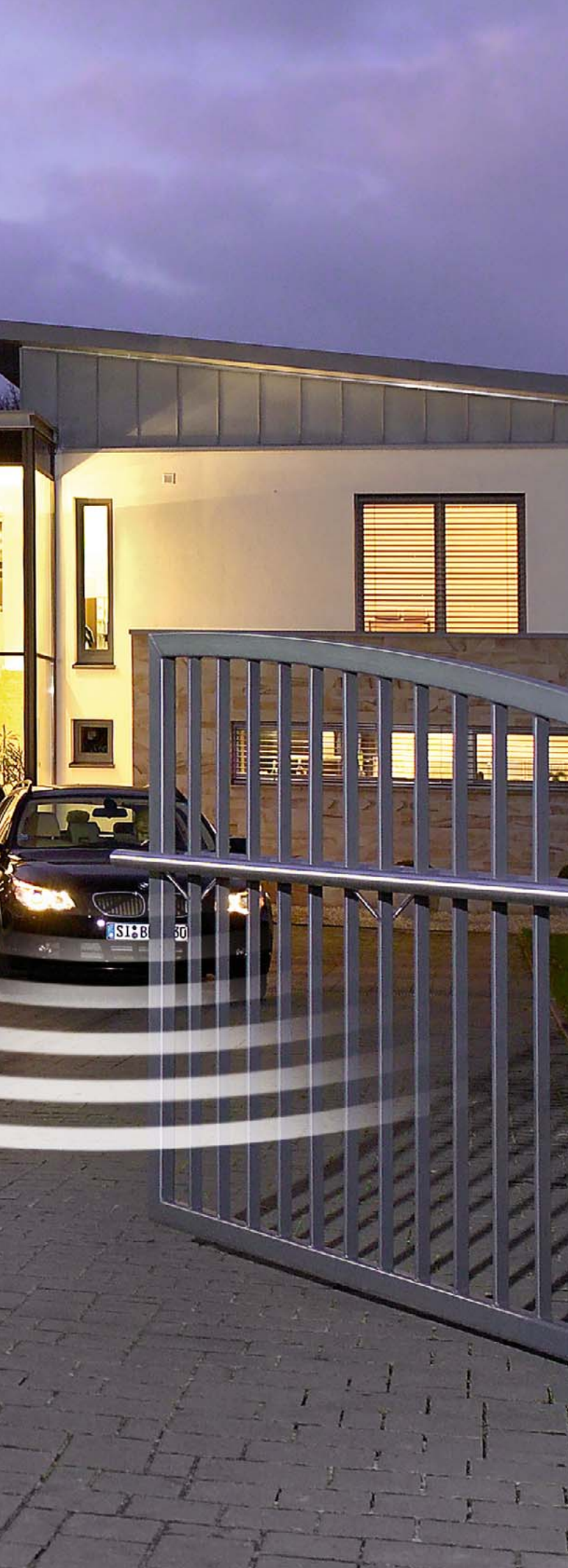


# Garage Door and Entrance Gate Operators

Compatible Operator Solutions from Europe's No. 1







Compatible Hörmann quality	4
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For more information on garage door and entrance gate operators and other high-quality Hörmann products, visit [www.hoermann.com](http://www.hoermann.com).

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# You'll Enjoy this Product for Years to Come

Premium quality from the door and operator specialists

Advanced and innovative operator technology. Europe's No.1 specialist  
Hörmann makes your life more convenient and secure, each and every day  
come rain or shine.

## Certified brand quality from Germany



## Made in Germany

All of the operator components are developed and produced by Hörmann in-house. Our highly qualified experts constantly work on new product developments, continuous developments and improved details. The results are patents and one-of-a-kind products you can depend on. Endurance tests under real-life conditions ensure mature series products in Hörmann quality.



## Tested safety

Hörmann operators are approved and certified by sworn independent experts according to the strict safety requirements and provisions of European standard 13241-1. Hörmann garage door operators combined with Hörmann sectional garage doors have been tested and certified by TÜV NORD in line with the TTZ directive “Break-in resistance for garage doors”.



## Guaranteed quality

Thanks to superior technical solutions, numerous patents and an uncompromising quality assurance, you receive a 5-year warranty on Hörmann operators.



\* Warranty conditions and further information on Hörmann products can be found on the Internet at: [www.hoermann.com](http://www.hoermann.com).



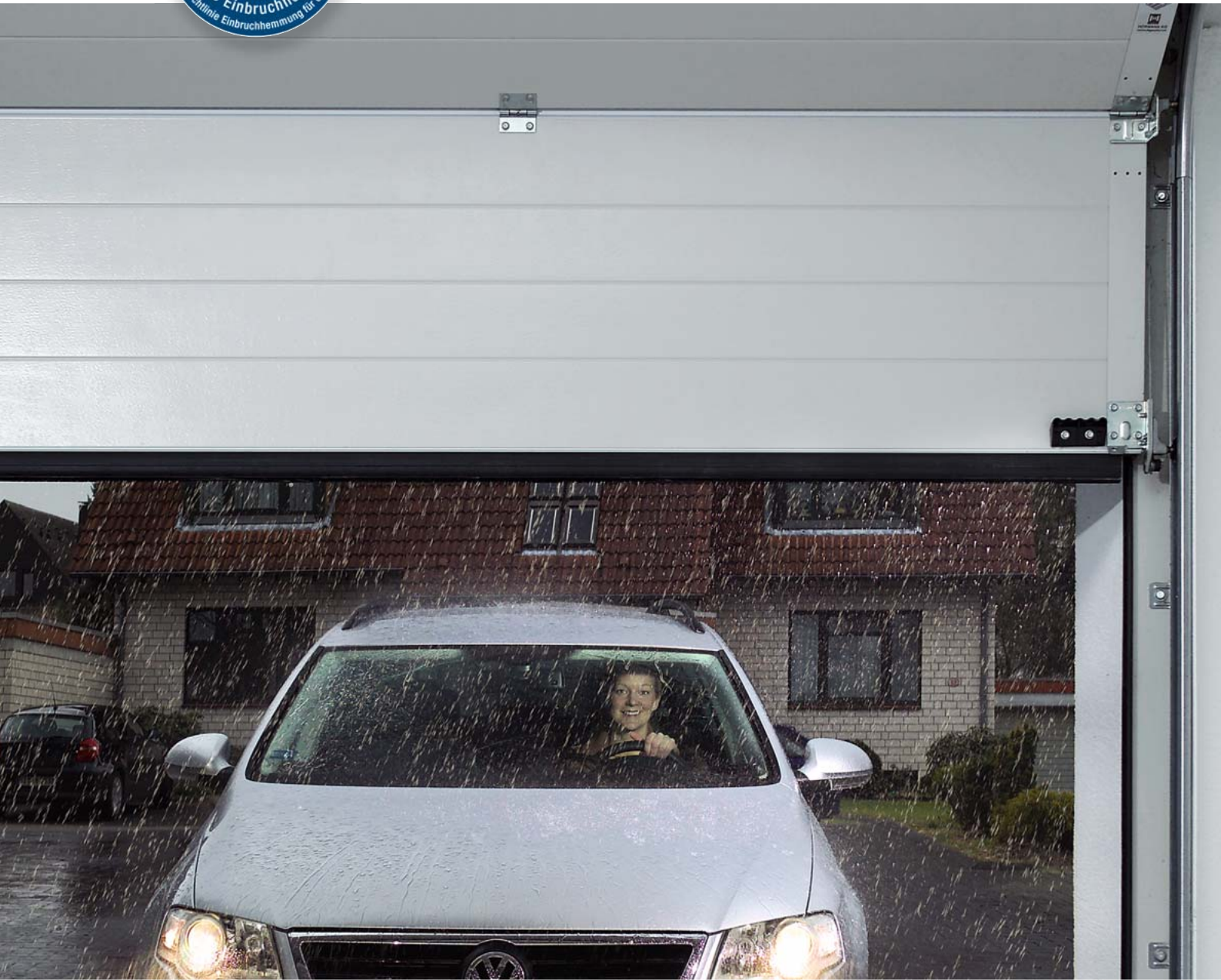
## Convenient operation

Hörmann offers just the right mobile and stationary accessories for every fitting situation, so that you can conveniently and easily operate your garage door and entrance gate operator at any time. Accessories range from the micro hand transmitter to code switches and finger-scans, as well as special solutions such as the emergency battery. Hörmann provides you with a completely standardised and compatible system: You can operate your Hörmann garage door and entrance gate operator with just a single hand transmitter.





For your security, Hörmann sectional garage doors combined with Hörmann garage door operators have been tested and certified by TÜV in line with the TTZ directive “Break-in resistance for garage doors”.



## Return Home Relaxed

Garage door operators with clever details

Operate your garage door from your car: conveniently, quickly and out of the weather. Sophisticated technology opens and closes your garage door quietly and without jolts – even up to 50% faster with a SupraMatic operator. When combined, Hörmann garage doors and operators form a secure unit, thus earning them TÜV certification in accordance with the TTZ directive “Break-in resistance for garage doors”.

## Garage door operators – thought out to the last detail



### Reassuring: door security kit

Burglars have a tough time when it comes to Hörmann automatic garage doors: When the garage door is closed, the door security kit automatically engages in the guide rail stop, immediately locking and securing it against forced opening. This lock is purely mechanical and, in contrast to operators from other manufacturers, effective even in the event of a power failure.



Take a look at the video at:  
[www.hoermann.com](http://www.hoermann.com)



### Reliable: automatic safety cut-out

The reliable automatic safety cut-out securely stops the door if it encounters an obstacle. For even more protection and safety, we recommend fitting a non-contact photocell. This is a standard feature in the Hörmann SupraMatic P operator.



### Super-fast: SupraMatic operator

You can enter faster and more safely with the SupraMatic operator when combined with a Hörmann sectional garage door. An opening speed up to 50% faster means more safety and less stress on high-traffic streets.



Compare the opening speed of the SupraMatic operator with conventional operators – and take a look at our video at:  
[www.hoermann.com](http://www.hoermann.com).



The faster opening speed of the SupraMatic opens a sectional door almost as quickly as an automatic up-and-over door.



## Strong. Safe. Supra-Fast.

The **turbo** garage door operator

This combination of speed and convenience is fascinating. Your sectional garage door opens faster, you can switch the garage lighting on and off with a button on your hand transmitter. And you will wonder how you ever lived without the convenience functions, such as the additional opening height.



## SupraMatic – the supra-fast operator for additional convenience

### SupraMatic E

Pull and push force: 650 N  
Peak force: 800 N  
Opening speed: **max. 22 cm/s**  
Door width: up to 5500 mm  
For max. 25 door cycles (open/close) per day

### SupraMatic P

**Incl. photocell EL 101 as standard**

Pull and push force: 750 N  
Peak force: 1000 N  
Opening speed: **max. 22 cm/s**  
Door width: up to 5500 mm  
Also suitable for heavy timber doors and doors with wicket doors  
For max. 50 door cycles (open/close) per day

### SupraMatic H

Pull and push force: 1000 N  
Peak force: 1200 N  
Opening speed: **max. 22 cm/s**  
Door width: up to 5500 mm

The SupraMatic version for special requirements  
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

- **Faster door opening**

An up to 50% faster opening speed gets you  
inside your garage sooner.

- **Separately switchable halogen lighting**

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

- **Additional opening height**

With the individually adjustable second opening height,  
you can ventilate your garage without completely opening  
the door.

- **Elegant appearance**

Operator cover in brushed aluminium

- **Optional accessories**

Emergency battery to bridge power failures

### With proven Hörmann technology

- Adjustable soft start and stop for gentle, quiet door travel
- Automatic door locking makes forced opening practically impossible
- A reliable automatic safety cut-out immediately stops the door if it encounters an obstacle
- Maintenance-free toothed belt with automatic retensioning (Hörmann patent)
- With a 4-button mini hand transmitter (HSM 4) as standard\*
- Integral radio receiver\*
- Adjustable lighting (1-5 minutes)
- Emergency release from inside
- Easy and fast fitting thanks to optimally prepared fixing material

\* Except for SupraMatic H



The standard photocell EL 101  
included with SupraMatic P operators  
immediately detects persons and  
objects. Families with children especially  
appreciate this level of safety.





With Hörmann everything is compatible. With one and the same hand transmitter, you can operate the garage door, as well as the Hörmann entrance gate operator.



# Ingenious. Inexpensive. Invaluable.

More than you expect

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

## ProMatic – an inexpensive introduction to premium Hörmann quality

### ProMatic

Pull and push force: 500 N  
Peak force: 650 N  
Opening speed: max. 14 cm/s  
Door width: up to 5500 mm (max. 10 m<sup>2</sup> door surface)  
For max. 12 door cycles (open/close) per day

### ProMatic P

Pull and push force: 600 N  
Peak force: 750 N  
Opening speed: max. 14 cm/s  
Door width: up to 5500 mm (max. 11.5 m<sup>2</sup> door surface)  
Also suitable for larger doors  
For max. 20 door cycles (open/close) per day

### With proven Hörmann technology

- Adjustable soft start and stop for gentle, quiet door travel
- Automatic door locking makes forced opening practically impossible
- A reliable automatic safety cut-out immediately stops the door if it encounters an obstacle
- Maintenance-free toothed belt with automatic retensioning (Hörmann patent)
- With a 4-button mini hand transmitter (HSM 4) as standard
- Integral radio receiver
- 2-minute light
- Emergency release from inside
- Easy and fast fitting thanks to optimally prepared fixing material



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



# Practical. Convenient. Self-Sufficient.

Battery operation – not just for pre-fabricated garages

Even in a garage without a mains connection, you can enjoy the comfort and convenience of an operator. The ProMatic Akku makes it possible. Easy to transport, it can be recharged in a matter of hours.

# ProMatic Akku – the practical operator for garages without a power connection

## ProMatic battery

Pull and push force: 350 N  
Peak force: 400 N  
Opening speed: max. 13 cm/s  
Door width: up to 3000 mm (max. 8 m<sup>2</sup> door surface)  
For max. 4 door cycles (open/close) per day

## Battery

Operation period: approx. 40 days\*  
Charging time: 5-10 hours\*\*  
Weight: 8.8 kg  
Dimensions: 330 x 220 x 115 mm

- **Power for up to 40 days**

You can enjoy the operating comfort of a garage door operator for up to 40 days without having to recharge the battery in between.

- **Easy overnight recharging**

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

- **Particularly convenient**

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

## Solar module

(optional)

A practical extension to ProMatic Akku takes over battery charging. Delivery includes fitting material, 10 m connecting lead and charge controller.  
Dimensions: 330 x 580 mm



## With proven Hörmann technology

- Adjustable soft start and stop for gentle, quiet door travel
- Automatic door locking makes forced opening practically impossible
- A reliable automatic safety cut-out immediately stops the door if it encounters an obstacle
- Maintenance-free toothed belt with automatic retensioning (Hörmann patent)
- With a 4-button mini hand transmitter (HSM 4) as standard
- Integral radio receiver
- 30-second light
- Emergency release from inside
- Easy and fast fitting thanks to optimally prepared fixing material



A practical carrying handle and its light weight make it easy to transport the battery for charging.

\*\* Depending on the charging state

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



**Only from Hörmann**



### Automatic door locking in the operator boom

When the garage door is closed, the door security kit automatically engages in the operator boom's stop, locks immediately and is secured against forced opening. This process is purely mechanical and thus also functions without a power supply!

### Uninvited guests are left out in the cold

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

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



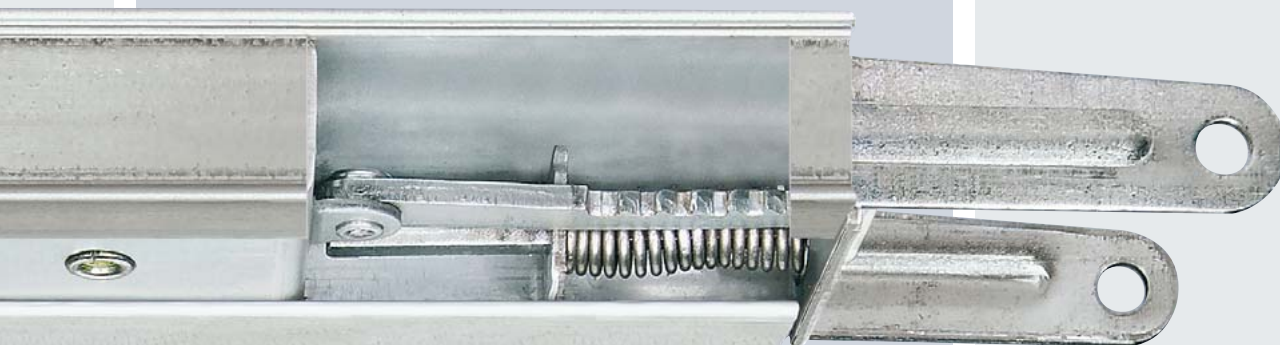
Also take a look at the video at:  
[www.hoermann.com](http://www.hoermann.com)

## 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!

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



- **Compact unit**

Hörmann's doors, operators, and booms 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**

An exceptionally flat boom – only 30 mm high – means that operators are easy to fit to 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). Suspension from the garage ceiling is not necessary. An additional advantage: Just one suspension is sufficient, even for long booms.

- **Universal fitting bracket**

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

- **Emergency release from inside**

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



### **Special track application for hinged garage doors**

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



One and the same hand transmitter controls your entrance gate, garage door and outdoor lights (with an additional Hörmann receiver).



# Non-Stop onto Your Property

Entrance gate operators for hinged and sliding gates

With a remote control operator from Hörmann, you always have a clear path onto your property, right from the entrance gate. Your hinged gate or sliding gate can be conveniently operated with the hand transmitter for your garage door. Hörmann entrance gate operators are equipped with reliable security functions.



## Entrance gate operators – reliable and safe

### Security for you and your family

Hörmann entrance gate operators work reliably during all opening and closing phases. The gate stops immediately if it encounters an obstacle. Non-contact photocells to detect persons or objects provide additional safety. They can be easily integrated in our new and elegant safety key switch post (see p. 34-35) and placed near the entrance to monitor the area of travel of your hinged or sliding gate.

### Quiet operation

Hörmann entrance gate operators open quietly and reliably. The gate opens without a jolt and is gently braked before fully closing. This protects the gate and operator and does not disturb your neighbours.

### Permanently safe and reliable function

High-quality entrance gate operators from Hörmann are decidedly robust, ensuring that they can remain in good mechanical condition over the long run. Weather-resistant, long-lasting material results in a low-maintenance gate operator and ensures a permanently safe and reliable function. Our RotaMatic version also comes with integral heating for use in especially cold regions.

### TÜV-tested safety in accordance with DIN EN 13241-1

Hörmann entrance gate operators work safely during all opening and closing phases. The operating forces for common door sizes and fitting situations have been tested and certified by TÜV. You are thus on the safe side, as operating forces do not have to be measured on site. Your Hörmann specialist dealer will be happy to advise you.





### **RotaMatic SK**

RotaMatic operators also come in an SK version (including one-way photocell and yellow warning light) for more safety when entering and leaving the property.



## Elegant and Super-Quiet

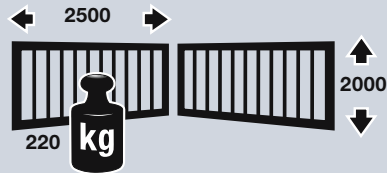
The slim hinged gate operator

Thanks to its modern, slimline design, Hörmann's RotaMatic hinged gate operator is the perfect partner for your beautiful hinged gate. Just like the design, the functional and safety features are also exemplary.

## Hinged gate operator RotaMatic

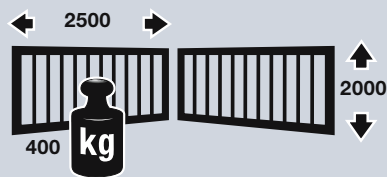
### RotaMatic

Gate leaf width:  
max. 2500 mm  
Gate leaf height:  
max. 2000 mm  
Weight:  
max. 220 kg



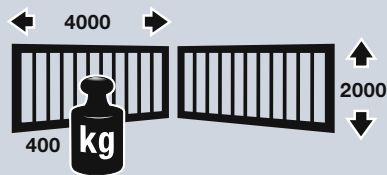
### RotaMatic P

Door leaf width:  
max. 2500 mm  
Gate leaf height:  
max. 2000 mm  
Weight:  
max. 400 kg



### RotaMatic PL

Gate leaf width:  
max. 4000 mm  
Gate leaf height:  
max. 2000 mm  
Weight:  
max. 400 kg



### Optional accessories

- Electric lock (recommended from a gate width of 1500 mm)
- Sound-absorbing seal
- Emergency battery HNA
- Lockable emergency release, HSK 3
- Integral heating for colder regions (down to -35°C)
- Track variants for special fitting situations

### With proven Hörmann technology

- Adjustable force limit
- Reliable reversing on encountering obstructions
- Soft start and stop for gentle, quiet door travel
- Synchronous opening if gate leaves have the same width
- Opening of just one gate leaf as a traffic leaf
- Adjustable automatic timed closing (photocell required)
- With a 4-button mini hand transmitter (HSM 4) as standard
- Integral radio receiver
- Integrated limit switch, so a “closed” stop is not required and there is no need for a disruptive stop plate in the entrance
- Extremely easy-to-operate emergency release
- Control unit prepared for warning light, outdoor light or other safety device



The operating forces for many door sizes and fitting situations using RotaMatic operators with optional sound-absorbing seal have been tested and certified by TÜV.



## Practical and Self-Sufficient

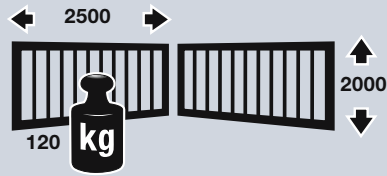
For applications without a power connection

You can enjoy the convenience of an operator even if there is no direct connection to the mains supply. The RotaMatic Akku makes it possible. Its battery is easy to transport and can be charged in a matter of hours, e.g. overnight. An optional solar module makes the system completely independent of the mains supply.

# Hinged gate operator RotaMatic Akku

## RotaMatic battery

Gate leaf width:  
max. 2500 mm  
Gate leaf height:  
max. 2000 mm  
Weight:  
max. 120 kg



## Battery

Integrated in a lockable control cabinet

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

### ● Power for up to 30 days

You can enjoy the operating comfort of a hinged gate operator for up to 30 days without having to recharge the battery in between.

### ● Easy charging

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

### ● Particularly convenient

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

## Solar module

(optional)

Including fitting material  
10 m connecting lead  
Dimensions: 330 x 580 mm



## Optional accessories

- Electric lock (recommended from a gate width of 1500 mm)
- Lockable emergency release, HSK 3
- Track variants for special fitting situations

\*\* Depending on the charging state

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

## With proven Hörmann technology

- Adjustable force limit
- Reliable reversing on encountering obstructions: up to the OPEN end-of-travel position or partial reversing (adjustable)
- Soft start and stop for gentle, quiet door travel
- Synchronous opening if gate leaves have the same width
- Opening of just one gate leaf as a traffic leaf
- Adjustable automatic timed closing (photocell required)
- With a 4-button mini hand transmitter (HSM 4) as standard
- Integral radio receiver
- Integrated limit switch, so a “closed” stop is not required and there is no need for a disruptive stop plate in the entrance
- Extremely easy-to-operate emergency release
- Standard warning light (warning that battery is discharged)
- Control unit prepared for warning light, outdoor light or other safety device



The solar module – the practical add-on to the RotaMatic Akku entrance gate operator.

The underground operator DTU 250 is an almost invisible and space-saving solution for use in private areas.



## Powerful and Nearly Invisible

The perfect combination of elegance and power

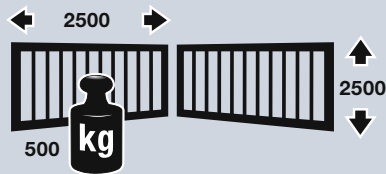
The underground hinged gate operator DTU 250 is barely visible thanks to its installation position and is therefore a perfect fit for elegant gates. The hydraulic operator DTH 700 is especially powerful and sturdy, making it suitable for use with large and heavy doors.

## Hinged gate operator DTU 250 and DTH 700

### Underground hinged gate operator DTU 250

(image on left)

Door leaf width:  
max. 2500 mm  
Gate leaf height:  
max. 2500 mm  
Weight:  
max. 500 kg



Underground installation does not detract from gate aesthetics

### Hydraulic hinged gate operator DTH 700

(image on right)

Gate leaf width:  
max. 7000 mm  
Gate leaf height:  
max. 2500 mm  
Weight:  
max. 1000 kg



**Technical clarification is required for both operators.  
Please contact your Hörmann dealer.**

### With proven Hörmann technology

- Adjustable force limit
- Reliable reversing on encountering obstructions: up to the OPEN end-of-travel position or partial reversing (adjustable)
- Soft start and stop for gentle, quiet door travel
- Synchronous opening if gate leaves have the same width
- Opening of just one gate leaf as a traffic leaf
- Adjustable automatic timed closing (photocell required)
- Extremely easy-to-operate emergency release
- Control unit prepared for warning light, outdoor light or other safety device



Hörmann's DTH 700 is a particularly powerful and sturdy operator variant that is suitable for use in private and commercial areas.



### LineaMatic SK

The scope of delivery for the complete LineaMatic SK system includes a one-way photocell and yellow LED warning light that can be fitted to a wall or post.



## Compact and Reliable

The modern LineaMatic sliding gate operator

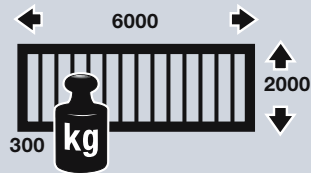
Highlights of the sliding gate operator LineaMatic include its compact, height-adjustable housing made of zinc diecast and glass-fibre reinforced plastic, as well as its reliable operator electronics. And, of course, all components are weatherproof and maintenance-free.



## Sliding gate operator LineaMatic

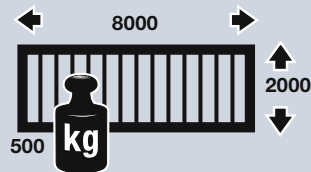
### LineaMatic

Gate leaf width:  
max. 6000 mm  
Gate leaf height:  
max. 2000 mm  
Weight:  
max. 300 kg



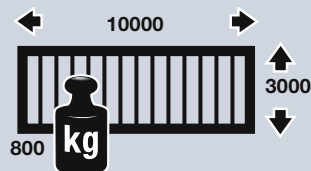
### LineaMatic P

Gate leaf width:  
max. 8000 mm  
Gate leaf height:  
max. 2000 mm  
Weight:  
max. 500 kg



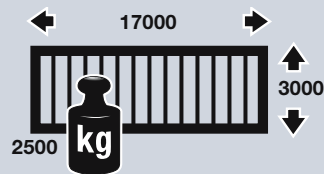
### LineaMatic H // NEW

Door leaf width:  
max. 10000 mm  
Door leaf height:  
max. 3000 mm  
Weight:  
max. 800 kg  
Self-supporting 600 kg



### STA 400 // NEW

Door leaf width:  
max. 17000 mm  
Door leaf height:  
max. 3000 mm  
Weight:  
max. 2500 kg  
Self-supporting 1800 kg



### With proven Hörmann technology

- Reliable reversing on encountering obstructions: up to the OPEN end-of-travel position or partial reversing (adjustable)
- Soft start and stop for gentle, quiet door travel
- Partial opening of the gate e.g. to allow pedestrians to pass (adjustable)
- Adjustable automatic timed closing (photocell required)
- Integral radio receiver\*
- With a 4-button mini hand transmitter (HSM 4) as standard\*
- Control unit prepared for warning light or other safety device
- Extremely easy-to-operate emergency release

\* Except for LineaMatic H and STA 400



### Robust and powerful

The new operator STA 400 for especially large doors.



With Hörmann, everything fits together. With one and the same hand transmitter, you can operate the garage door, as well as the Hörmann entrance gate operator.



## Our Mobility Guarantee

Ready-to-hand transmitters

Operate your entrance gate or garage door with a mobile radio transmitter that is as easy to use as your TV remote control. You decide whether you would like a hand transmitter that remains in the vehicle or one to keep on your key ring.

## Mobile convenience accessories with exclusive designs



**Mini hand transmitter HSM 4**  
for four functions



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



**Hand transmitter HSP 4 // NEW**  
For four functions,  
with button lock-out,  
incl. key ring



**Hand transmitter HS 4**  
for four functions



**Hand transmitter HS 1**  
for one function

For the HS 4 and HS 1 hand transmitters, on request, we offer practical clips for the sun visor in your vehicle or as a wall holder in your home.



**HSD 2-A**  
Aluminium look,  
for two functions.



**HSD 2-C**  
High-gloss chrome,  
for two functions.

### Receiver

A receiver with 1, 2 or 4 channels is required if you would like to switch on an additional outdoor light and e.g. open a garage door (other make) with your hand transmitter.



Antenna HER 2

## With proven Hörmann technology



Protection against unauthorised use with a trillion possible radio codes



Stable range thanks to 868.3 MHz frequency



Homelink-compatible (version 7)



Impact-resistant due to a permanently fixed antenna



Simple transmission of coding between hand transmitters



Your individual hand transmitter coding can be easily transmitted to another hand transmitter.

## Mobile, convenient accessories for special applications



The inexpensive alternative to expensive homelink systems: integrated in an inconspicuous spot in your car. Inserted in the vehicle's cigarette lighter, the hand transmitter HSZ is easily accessible and convenient to operate.

### Hand transmitter HSZ 1

For one function

### Hand transmitter HSZ 2

For two functions

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



Hand transmitter  
HSZ 1



Hand transmitter  
HSZ 2

## Footloose and Fancy-Free

Radio accessories for every situation

You can install radio transmitters from Hörmann almost anywhere, adapted to your living situation, or store them practically in your car. The radio transmitter communicates with the receiver in the operator. This is an elegant solution – especially if you want to retrofit the system.

## Stationary, convenient accessories for inside and out



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

### **Radio finger-scan FFL 12 // NEW**

For two functions  
For up to 12 individual fingerprints  
Programming in the fingerprints can be done easily and directly on the finger-scan



Radio finger-scan  
FFL 12

### **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, in conjunction with a commercially available recessed switch  
For central installation in a hallway/living room within sight of the garage door



Recessed radio transmitter  
HSU 2  
with TUPS 2 button

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

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

## Stationary, convenient accessories for outside



**The stationary convenience  
and security elements are wired.**

**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-scan FL 12/FL 100**

For two functions  
To open the garage door via a fingerprint  
Can store 12/100 fingerprints



Finger-scan  
FL 12/FL 100

# It's In Your Hands

Individual operating comfort

You decide how to automatically operate your garage door or entrance gate:  
using a code or transponder technology. The classic way with a key or via  
a distinctive fingerprint – the choice is yours!

## Stationary, convenient accessories for outside



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

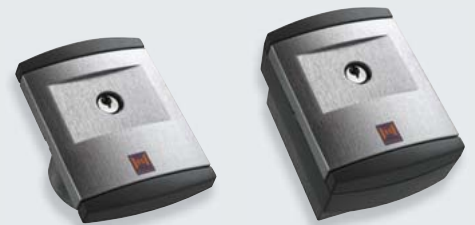
### Transponder key switch TTR 100/TTR 1000

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



Transponder key switch  
TTR 100/TTR 1000

The classic way to secure your door against unauthorised 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)



### Key switch post STS 1 Key switch post STS 2 (not shown)

The key switch post STS is available with one or two adapters for command units (must be ordered separately). You can install a transponder key switch TTR 100 or 1000, radio code switch FCT 10b, or code switch CTR 1 or 3. The post is in White aluminium (RAL 9006), the cover and base in Slate grey (RAL 7015). Protected for outdoor use in accordance with IP 44. Height: 1250 mm, diameter 300 mm.



The illustration shows the version with fitted key switch STUP 40 (accessory).

## Stationary, convenient accessories for inside



If your garage door is closed, you can open it from the inside by pressing the impulse button.

### Internal push button IT 1b

You can conveniently open the door by pushing the large, illuminated button on the IT 1b (for ProMatic and SupraMatic).



Internal push button  
IT 1b

### Internal push button IT 3b

Along with a large illuminated button for conveniently opening the door, the internal push button IT 3b has two additional buttons. These can be used to control the operator light and completely switch off the radio-control system for the operator, e.g. while you are away on holiday (for SupraMatic).



Internal push button  
IT 3b

### Internal push button IT 1

With impulse button to open and close the door (for ProMatic, SupraMatic and ProMatic Akku).



Internal push button  
IT 1

## Would You Like a Bit More?

Innovative ideas for comfort and security

Hörmann products are always a bit more sophisticated. Many useful details make it easier to operate your door with increased security. For example, the extra-large, illuminated buttons for internal push buttons are easy to find in the dark. Thanks to emergency battery, you can reliably open your door even after a power failure.



## Everything for emergencies



### **Emergency battery HNA for garage door operators**

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



### **Emergency battery HNA Outdoor for sliding gate operator LineaMatic H // NEW**

An emergency power supply for the sliding gate operator LineaMatic H is now available to bridge mains power failures. It can be universally fitted to the wall or floor.



### **Additional emergency release**

For garages without a second entrance, we offer you the following options to open the door from the outside in case of emergency (e.g. power failure):

#### **For sectional doors without a handle**

- Emergency release lock with round cylinder (cannot be integrated into the home locking system)
- Emergency release handle in a choice of 8 styles, including lock (can be integrated in the home locking system)



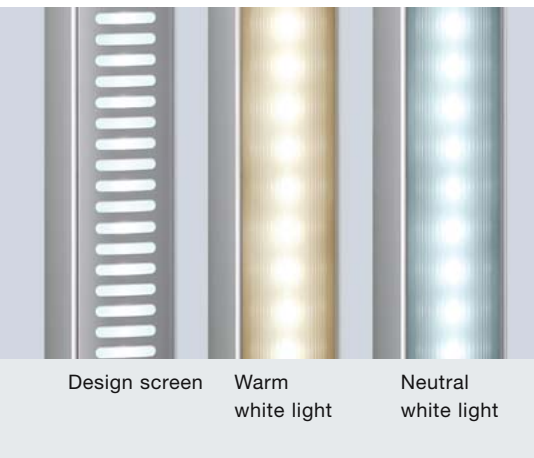
#### **For up-and-over doors and sectional doors with a handle**

- Emergency release (not shown)



**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.**

## Key switch posts for the entrance area – with variable heights and functions



Design screen

Warm white light

Neutral white light

### More light and increased security for your entrance area.

Hörmann key switch post sets are made of weather-resistant, anodised aluminium, offering both advantages in a single product. The posts can be individually equipped using variable inserts for photocells and LED light modules that match the Slate grey (RAL 7015) plastic covers.

### Safety key switch post STL // NEW

The 550-mm-high basic version is equipped with a photocell holder. The key switch posts can be optionally supplied with two photocells or a photocell and LED light module.

### Light key switch post SLS // NEW

The light key switch post SLS with an LED light module is available in heights of 550 mm and 1080 mm. The 1080 mm key switch post is also available with two LED light modules to improve illumination of your entrance area.

### LED light module // NEW

You can choose between a warm or neutral white light in the light modules. The optional aluminium design screen creates a special accent.

STL with two optional photocells



STL with optional photocell

STL with optional photocell and LED light module

## All Clear – and Safe!

### Technology for entrance gates

Hörmann entrance gate operators are available with intelligent light and security accessories. For example, a warning light indicates when your hinged or sliding gate is in motion. A photocell system reliably detects obstructions – this increased level of safety is something that families with children truly appreciate.

## Visual safety systems

SLS-L with double LED light module  
Height 1080 mm



SLS-K with LED light module  
Height 550 mm

SLS-L with LED light module and design screen  
Height 1080 mm

### LED illumination for doors // NEW

The LED light strip from Hörmann puts your door and side door in the limelight. The plug-in system can be shortened individually, making it a perfect fit for any door width. You can choose between a warm or neutral white light and arrange the LED light strip at the lintel (illustration on the right) or bottom edge of the door leaf, LED spacing: 125 mm.



### Warning light // NEW

A warning light on your entrance gate provides you with extra security day and night, as each door cycle is accompanied by a visual signal. As standard with RotaMatic SK and LineaMatic SK incl. one-way photocell.



### One-way photocells

Hörmann's reliable one-way photocell systems immediately stop the gate if the the light beam is interrupted. These systems are suitable for various applications.



#### EL 101

For use with garage door operators, inside. As standard with SupraMatic P



#### EL 301

For use with garage door operators, inside and outside



#### EL 31

For universal use with garage door and entrance gate operators, inside and outside



#### EL 51

Especially for sliding gate operator STA 400

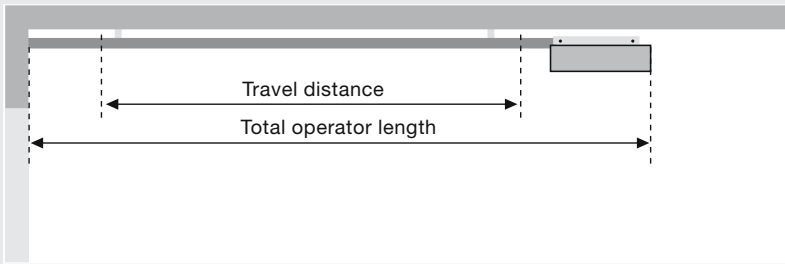
### Electric lock

Hinged gates are subjected to enormous forces under high wind loads. An additional electric lock secures it from being blown open. Single-leaf gates are locked at the post or ground, double-leaf gates are always locked at the ground. A stop plate is required for ground locking; in conjunction with the electric lock, it reliably latches the gate.

# Garage door operators SupraMatic and ProMatic

## Technical data, fitting data

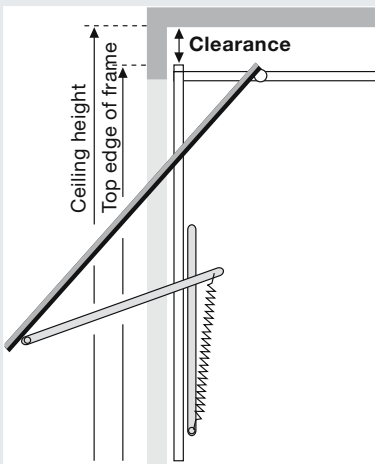
Technical data	SupraMatic E	SupraMatic P	ProMatic	ProMatic P	ProMatic Akku	
Pull and push force	650 N	750 N	500 N	600 N	350 N	
Peak force	800 N	1000 N	650 N	750 N	400 N	
Max. door speed	Open	22 cm/s	22 cm/s	14 cm/s	14 cm/s	13 cm/s
	Door closed	13 cm/s	13 cm/s	13 cm/s	13 cm/s	13 cm/s
Door cycles (open/close) per day	Max. 25	Max. 50	Max. 12	Max. 20	Max. 4	
Operator programming	3 buttons and 7 segment displays on the exterior of the operator housing		DIP switch on the operator circuit board		DIP switch on the operator circuit board	
Operator light	2-minute light Can be set individually between 1-5 minutes for switched off completely		2-minute light		30-second light	
Automatic safety cut-out	Is automatically taught in for both directions separately and readjusted after every door cycle					
Travel limit cut-off	Self-learning, wear-free, as it is designed without mechanical switches, additionally integrated travel time limit					
Belt relief	Automatic/adjustable		Automatic			
Force limit	Automatic/adjustable		Automatic			
Soft start/soft stop	Automatic/adjustable		Adjustable			
Automatic timed closing	Can be activated with an adjustable hold-open phase		Can be activated with a 30-second hold-open phase		-	
Closing edge safety device	Can be connected with automatic detection, adjustable with and without test		-		-	
Photocell	Can be connected with automatic detection, adjustable with and without test	As standard	Can be connected with automatic detection		-	
Leading photocell VL2 or garage doors with wicket door with trip-free threshold	-	Can be connected	-	-	-	
Warning light	Can be connected via an external option relay		Can be connected via an external option relay			
Additional light	Can be connected via an external option relay, switched separately with the operator light		Can be connected via an external option relay coupled with the door function)			
CLOSE limit switch reporting	Can be connected via an external option relay		Can be connected via an external option relay		-	
Factory Reset	Yes					
Remote control	With 4-button mini hand transmitter HSM 4 (868.3 MHz) or HSM 4 io and integral receiver Dependable radio system with reliable coding with over 1 trillion combinations Simple transmission of hand transmitter coding at the press of a button using the hereditary transmission function					
Motor	Direct current motor with hall sensor Worm gear and transformer with thermal overload protection Operating mode: S2. Short operation: KB 2 min.					
Mains voltage	230/240 V/AC, 50/60 HZ, with Euro plug Stand-by approx. 4.5 W				24 V	
Fitting	Universal installation bracket for up-and-over doors and sectional doors					
Operator boom	Extremely flat at 30 mm, with integral door security kit and maintenance-free, patented toothed belt Transport lengths (mm): 1-part: 3075 (K), 3325 (M), 4000 (L), 2-part: 1570 (K), 1690 (M), 2020 (L)					
Dimensions (W x H x D)	Operator head: 180 x 110 x 325 mm Cardboard packaging: 195 x 145 x 600 mm		Operator head: 155 x 120 x 335 mm Cardboard packaging: 195 x 145 x 600 mm			
Shipping weight	Operator head: 6.4 kg Boom: 6.8 kg (K), 7.4 kg (M), 8.8 kg (L)					
Protection category	Only for dry rooms					
Application/use	Exclusively for private garages					



Type of boom	Overall length	Travel distance
<b>K</b> Short boom	3200	2475
<b>M</b> Medium boom	3450	2725
<b>L</b> Long boom	4125	3400

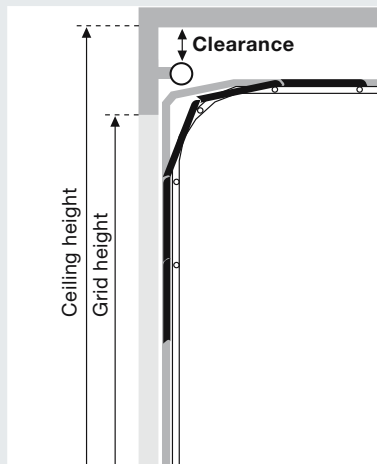
Boom applications for Hörmann garage doors	Height
<b>K</b> Up-and-over door garage doors (N80 and DF98) Sectional garage doors with track application N Sectional garage doors with track application Z, L, H	Up to 2500 Up to 2250 Up to 2125
<b>M</b> Up-and-over door garage doors (N80 and DF98) Sectional garage doors with track application N Sectional garage doors with track application Z, L, H	Up to 2750 Up to 2500 Up to 2375
<b>L</b> Sectional garage doors with track application N, Z, L, H	Up to 3000

Note the travel distance for doors from other manufacturers!



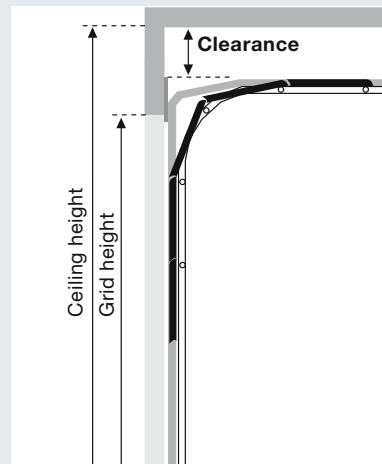
**Clearance for up-and-over garage doors**

N80	0
N80, style 905, style 941 or with timber infill	15
DF98, DF95, DF80	65



**Clearance for sectional garage doors**

With track application N ceiling height = grid height + 210	0
With track application H	0



**Clearance for sectional garage doors**

With track application Z ceiling height = grid height + 115	15
With track application L ceiling height = grid height + 115	15

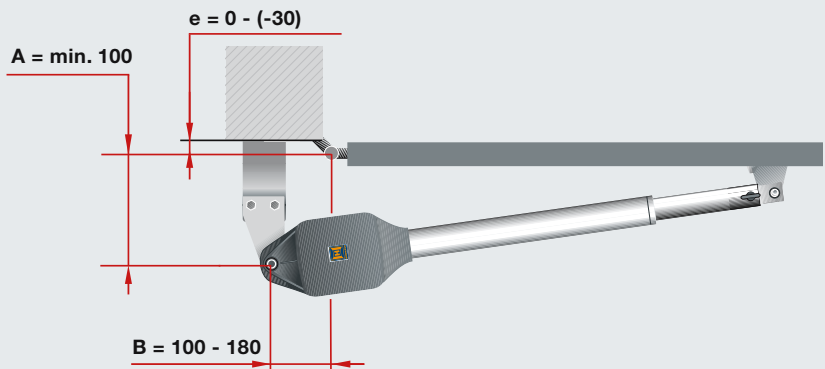
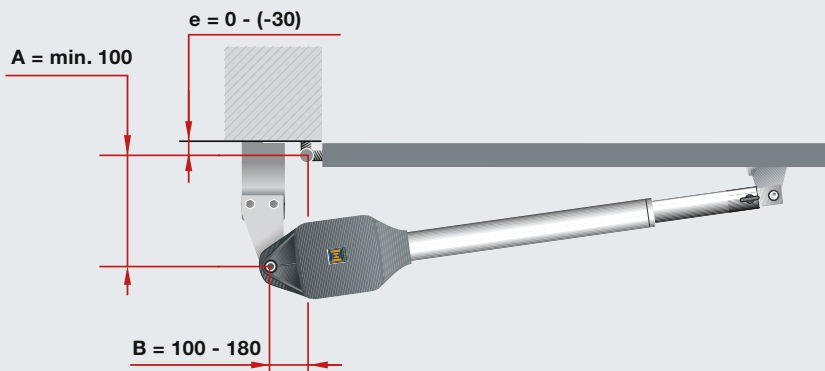
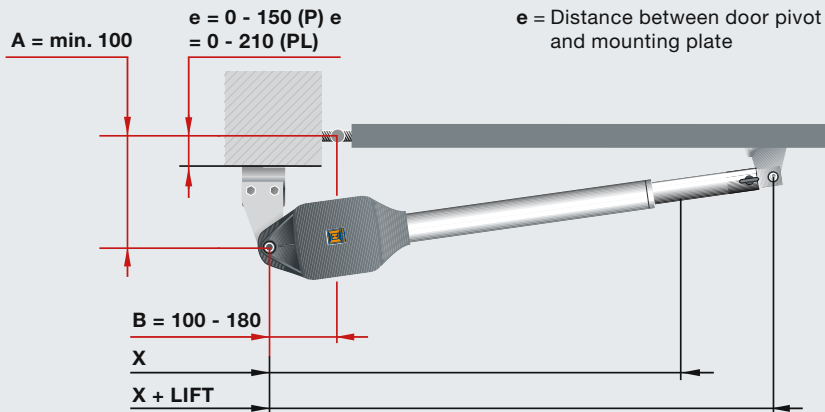
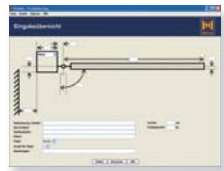
**Clearance for doors from other manufacturers**

Between the highest point of door travel and the ceiling	30
----------------------------------------------------------	----

# Hinged gate operator RotaMatic

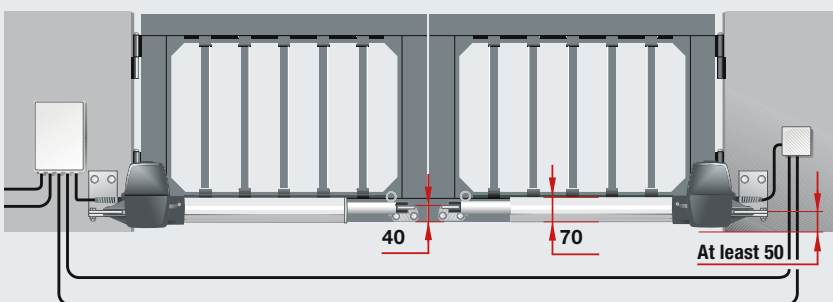
Technical data, fitting data

For Hörmann sales partners  
**The planning program for hinged gate operators**  
 With the planning program, Hörmann supports you in planning and fitting your hinged gate operator.



Dimensions	x	x + stroke
RotaMatic/RotaMatic P	720	1120
RotaMatic PL	823	1323

To ensure optimum door travel, the maximum difference between the A dimension and the B dimension must be 40 mm.



All illustrations and information with standard tracks, additional equipment features possible.

All dimensions in mm.

**Mains voltage**  
 230 V

**Control**  
 External

**Operating mode**  
 S2, short-time duty 4 minutes

**Max. pull force/peak force**  
 RotaMatic: 2000/2200 N  
 RotaMatic P/RotaMatic PL: 2500/2700 N  
 RotaMatic Akku: 1000/1100 N

**Travel limit**  
 Door closed: integrated limit switch or mechanical limit switch adjustable  
 Door open: electronically adjustable

**Automatic safety cut-out**  
 Self-teaching and self-monitoring force limit for both directions

**Door travel speed**  
 Depending on the door width, 16 to 25 seconds at a 90° opening angle with soft start and soft stop

**Automatic timed closing**  
 Adjustable

**Door locking**  
 24 V electric lock

**Motor**  
 Stainless steel spindle unit with 24 V DC motor and self-locking worm gear

**Operator housing**  
 RotaMatic/RotaMatic Akku: glass-fibre reinforced polyamide, protection category IP 44  
 RotaMatic P/RotaMatic PL: aluminium/zinc diecast with glass-fibre reinforced polyamide, protection category IP 44

**Temperature range**  
 -20° to +60°C  
 -15° to +45°C (RotaMatic Akku)

**Radio remote control**  
 2-channel internally

**Lifting hinges**  
 Up to 6° (special tracks required)

**Mains connecting lead**  
 230 V, NYY 3 x 1.5² (on-site)

**Motor cable**  
 Connecting lead up to 10 m  
 NYY 5 x 1.5² (on-site)

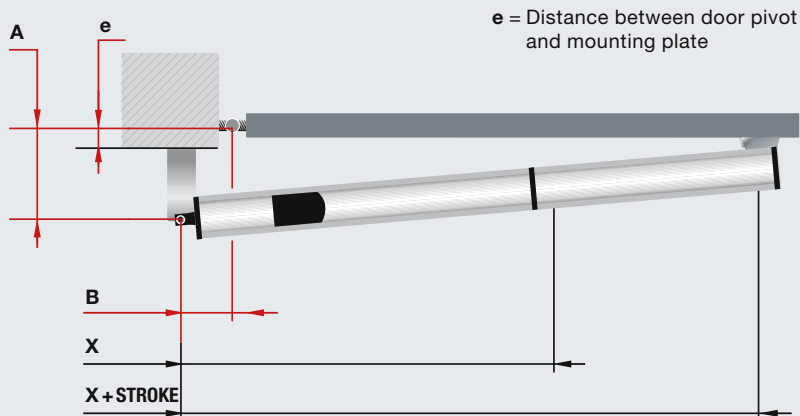
**Electric lock connecting lead**  
 NYY 3 x 1.5² (on-site) underground  
 H07RN-F 2 x 1² on the door leaf

**Additional connection cable**  
 All cables underground NYY, e.g. 5 x 1.5²

**Lay all cables separately!**

# Hinged gate operator DTH 700

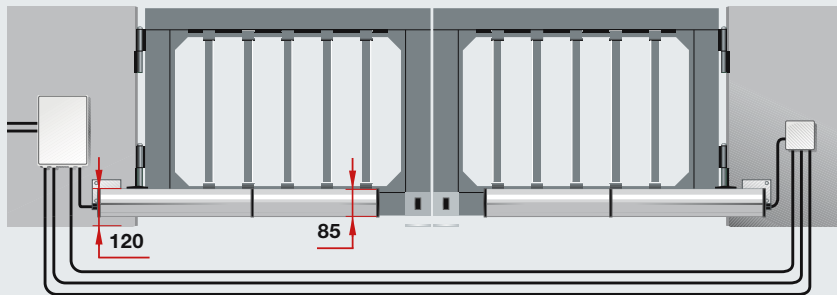
## Technical data, fitting data



Opening angle	A	B	e
90°	130	130	80
115°	100	120	50
125°	90	120	40

Dimensions	x	x + stroke
	700	960



**Mains connecting lead**  
230 V, NYY 3 x 1.5<sup>2</sup> (on-site)

**Motor cable**  
230 V, NYY 5 x 1.5<sup>2</sup> (on-site)

**Electric lock connecting lead**  
NYY 3 x 1.5<sup>2</sup> underground  
H07RN-F 2 x 1<sup>2</sup> on the door leaf

**Additional connection cable**  
All cables underground NYY, e.g. 5 x 1.5<sup>2</sup>

**Lay all cables separately!**

**Note:** In order to comply with the requirements in DIN EN 13241, we recommend using a closing edge safety device.

All dimensions in mm.

**Mains voltage**  
230 V

**Control**  
External

**Operating mode**  
S2, short-time duty 4 minutes

**Max. pull force/peak force**  
3000/3500 N

**Travel limit**  
Door open stop required  
Door closed stop required

**Automatic safety cut-out**  
Obstruction recognition

**Door travel speed**  
Approx. 36 seconds  
At a 90° opening angle  
With soft start and soft stop

**Automatic timed closing**  
Adjustable by up to 4 minutes

**Door locking**  
12 V electric lock required

**Motor**  
Electro-hydraulic operator system 230 V

**Operator housing**  
Aluminium housing

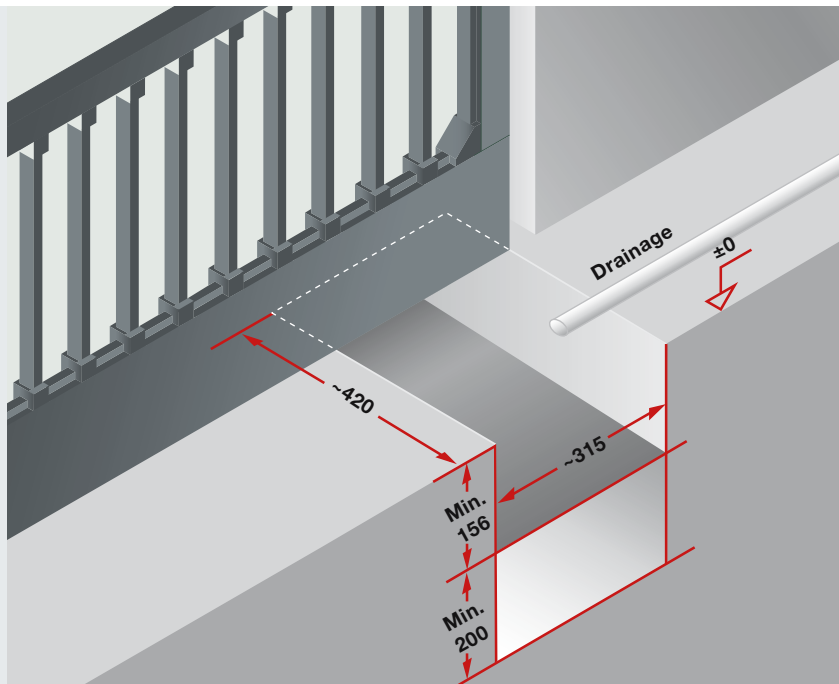
**Temperature range**  
-20° to +60°C

**Radio remote control**  
Optional

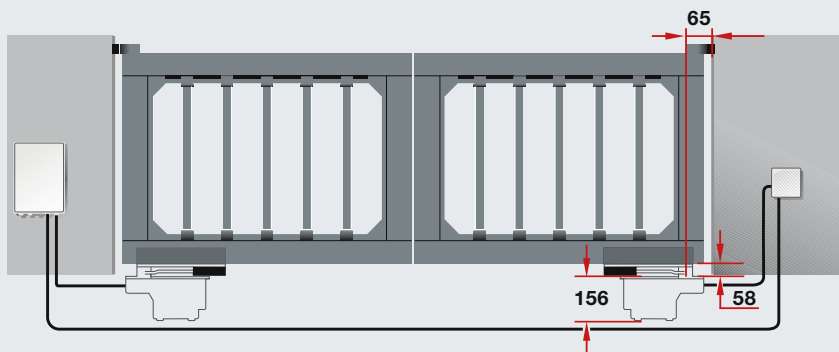
Technical clarification is required for the hinged gate operator DTH 700.

# Hinged gate operator DTU 250

## Technical data, fitting data



**Foundation dimensions**  
Approx. 315 x 420 x 200



### Mains connecting lead

230 V, NYY 3 x 1.5<sup>2</sup> (on-site)

### Motor cable

230 V, NYY 5 x 1.5<sup>2</sup> (on-site)

### Electric lock connecting lead

NYY 3 x 1.5<sup>2</sup> underground  
H07RN-F 2 x 1<sup>2</sup> on the door leaf

### Additional connection cable

All cables underground NYY, z.B. 5 x 1.5<sup>2</sup>

### Lay all cables separately!

**Note:** In order to comply with the requirements in DIN EN 13241, we recommend using a closing edge safety device.

### Mains voltage

230 V

### Control

External

### Operating mode

S2, short-time duty 4 minutes

### Max. pull force/peak force

2500/3000 N

### Travel limit

Door open stop required  
Door closed stop required  
Optional: integral stops

### Automatic safety cut-out

Obstruction recognition

### Door travel speed

Approx. 15 seconds  
At a 90° opening angle

### Automatic timed closing

Adjustable by up to 4 minutes

### Door locking

12 V electric lock

### Motor

230 V AC motor with self-locking gear

### Operator housing

Supporting steel pan with stainless steel motor  
Motor IP 67

### Temperature range

-20° to +60°C

### Radio remote control

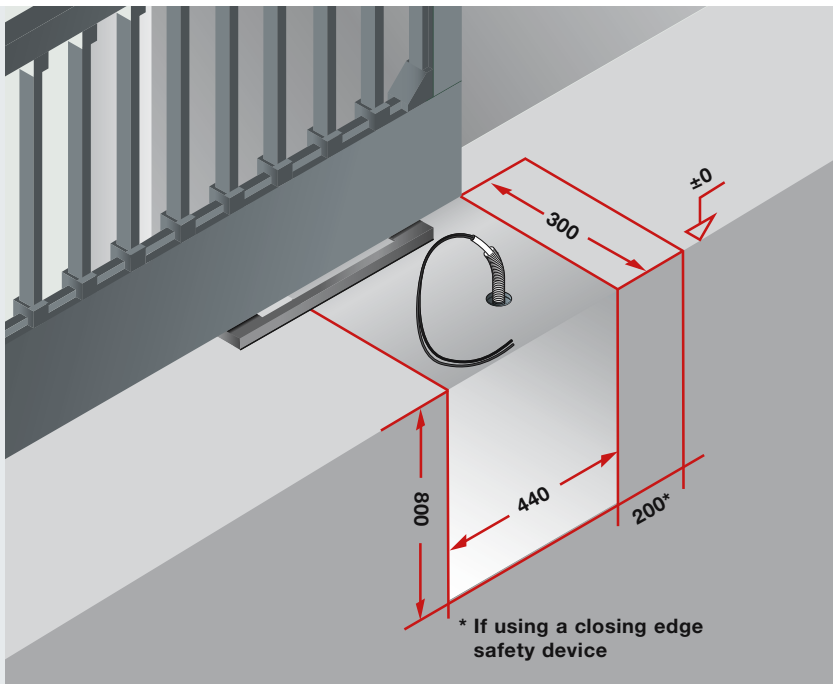
Optional

Technical clarification is required for the hinged gate operator DTU 250.



# Sliding gate operator LineaMatic

## Technical data, fitting data

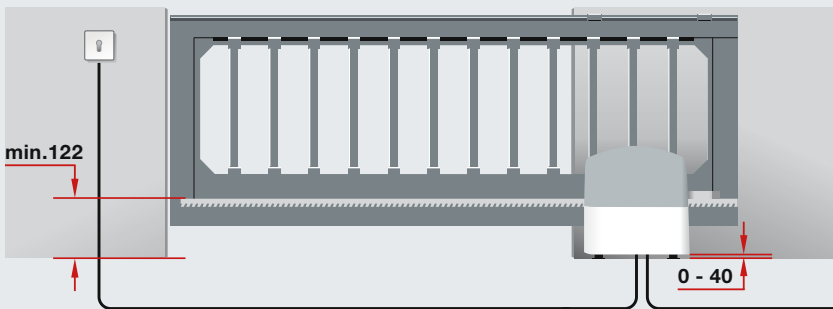


### Foundation dimensions

Min. 440 x 300 x 800 (frost resistant)

### Connecting lead

See the figure for position of tube



### Mains connecting lead

230 V, NYY 3 x 1.5<sup>2</sup> (on-site)

### Additional connection cable

All cables underground NYY, z.B. 5 x 1.5<sup>2</sup>

**Lay all cables separately!**

### Mains voltage

230 V

### Control

Internally

### Operating mode

S2, short-time duty 4 minutes

### Max. pull force/peak force

LineaMatic: 650/800 N

LineaMatic P: 1000/1200 N

LineaMatic H: 1200/1400 N

### Travel limit

Electronically programmable

CLOSE door end-of-travel position with a magnetic limit switch

Programmable OPEN end-of-travel position

### Automatic safety cut-out

Force limit for both directions, self-teaching and self-monitoring

### Door travel speed

Approx. 0.18 m/s

With soft start and soft stop

### Automatic timed closing

Adjustable

### Door opening for pedestrian passage

Adjustable

### Door locking

Gear lock

### Motor

24 V AC motor with self-locking worm gear and straight-toothed output gear

### Operator housing

Zinc diecast with glass-fibre reinforced plastic

Integral ground bracket

Protection category IP 54

### Temperature range

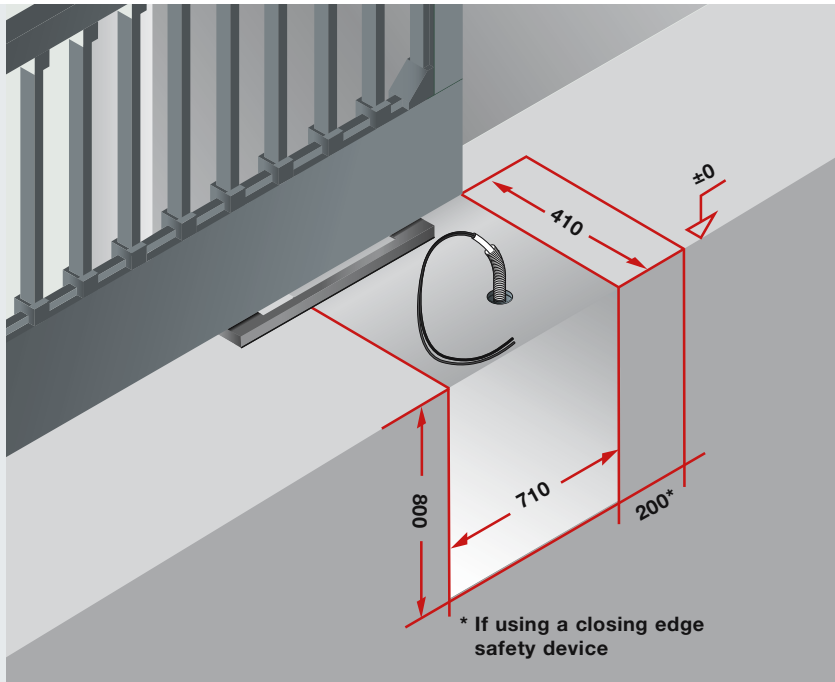
-20° to +60°C

### Radio remote control

2-channel internally

# Sliding gate operator STA 400

## Technical data, fitting data

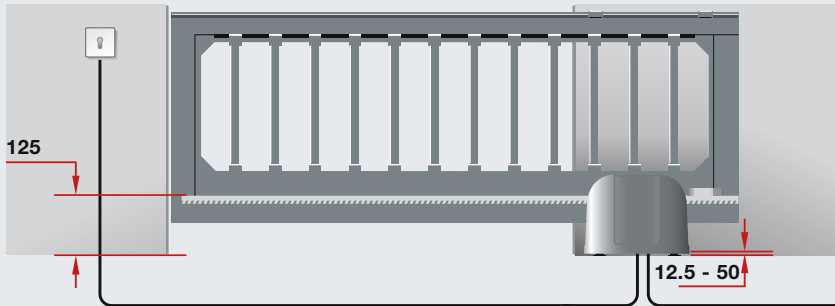


### Foundation dimensions

710 x 410 x 800 (frost resistant)

### Connecting lead

See the figure for position of tube



### Mains connecting lead

230 V, NYY 3 x 1.5<sup>2</sup> (on-site)

### Additional connection cable

All cables underground NYY, z.B. 5 x 1.5<sup>2</sup>

**Lay all cables separately!**

**Note:** In order to comply with the requirements in DIN EN 13241, we recommend using a closing edge safety device.

### Mains voltage

230 V

### Control

Internally

### Operating mode

S2, short-time duty 4 minutes

### Max. pull force/peak force

1400/1800 N

### Travel limit

Electronically programmable with mechanical limit switches

### Automatic safety cut-out

Obstruction recognition

### Door travel speed

Approx. 0.2 m/s  
With soft start and soft stop

### Automatic timed closing

Adjustable by up to 8 minutes

### Door opening for pedestrian passage

Adjustable

### Door locking

Gear lock

### Motor

230 V frequency converter motor with self-locking worm gear and straight-toothed output gear

### Operator housing

Aluminium diecast housing with plastic cover  
IP 65

### Temperature range

-20° to +60°C

### Radio remote control

Optional

Experience real Hörmann quality

## Garage doors

Match your personal architectural style: up-and-over or sectional doors made of steel or timber.



## Door operators

Enjoy convenience: Hörmann operators for garage doors and entrance gates

## Entrance doors

Comprehensive entrance door ranges to fit almost every need and requirement.



## Canopies

The practical complement to your preferred entrance door.

## Steel doors

Fitting in a flash: sturdy doors for your entire home, from the basement to the roof.



## Frames

Choose from our comprehensive range of products for new construction, expansions, and modernisation.



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Hörmann Flexon, Leetsdale PA, USA

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**GARAGE DOORS**

**OPERATORS**

**INDUSTRIAL DOORS**

**LOADING EQUIPMENT**

**HINGED DOORS**

**DOOR FRAMES**

**Hörmann (UK) Ltd**, Gee Road, Coalville, Leicestershire LE67 4JW  
Phone (01530) 513000, Fax (01530) 513001

