



Optional stainless steel hood shown

Speed-Commander™ 1400 SEL¹⁹ Series

Fabric high performance doors for interior applications
Models for interior doorways, clean rooms, coolers and food processing



Speed-Commander™ Series Fabric High Performance Doors

Interior locations and special applications





Benefits

Fabric high performance doors speed up workflow and reduce energy costs. Our doors have been designed with protection features that promote efficiency and sustainability. A standard built-in light curtain eliminates the need for additional protection mechanisms, such as a panel reversing edge, which supports easy installation and minimal maintenance.

Solution for interior use

Thanks to the fast opening and closing speeds, operational efficiencies are realized and better environmental control is achieved between work areas with varying temperatures.

Solution for areas with minimal clearance

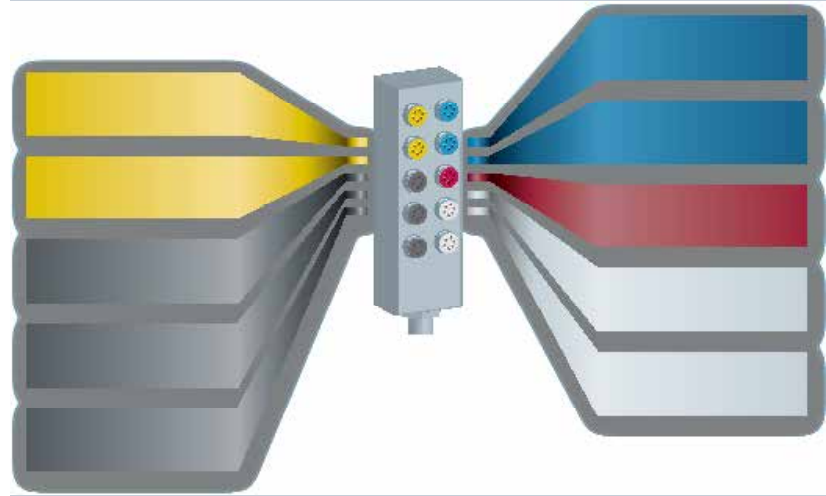
Storage shelves, wiring and cramped installation surfaces often require a door with a small footprint. Low-profile guide tracks and compact motor provide the solution.

Individual solutions

Various demands require individual door solutions. Based on our expert know-how, we develop customer-specific solutions for special applications such as, the food industry, clean rooms, coolers, or for conveyer systems and machine protection.

The Hörmann Advantages

Quality features of fabric high performance doors for interior door openings



1

Protection as standard

Non-contact protection

The standard built-in light curtain monitors the closing zone of the door up to a height of 8'0". A panel reversing edge is not required, and since the light curtain is built into the guide tracks, the risk of damage from a collision is greatly minimized. These advantages are why Hörmann high performance doors are especially easy to install and maintain.

2

Optimized operations

Long service life and high efficiency as standard

The next generation Smart Start™ NXT, NEMA 4X, control box has a simplified wiring configuration and is more powerful, has fewer components and cables as compared to the original Smart Start™. A color-coded distribution block accepts the activation and protection device wiring; main power cables feed through pre-drilled holes on the bottom of the box where the individual wires, with pre-wired removable terminal blocks, simply plug into the circuit board. This frequency converter control box takes stress off of the entire door mechanism, guaranteeing nearly wear-free, quiet door travel.

In addition, it relieves the entire door mechanism through the smooth starting and braking action, resulting in a considerably longer service life of the door.



3

Practical solutions

No downtime resulting from a crash thanks to the SoftEdge bottom profile

The innovative SoftEdge door technology prevents damage and resulting downtime of the door system. Extensive repairs, such as those with rigid door profiles, become unnecessary. SoftEdge ensures trouble-free operation and production processes.



4

Innovative details

Wireless breakaway switch

The wireless breakaway switch is concealed in the SoftEdge bottom profile. If the bottom profile is pushed out of the side guides by a crash, the radio crash switch transmits a signal to the control and the door is stopped immediately. Thanks to this technology, the door can be operated for at least up to 3 years without the need for maintenance, regardless of the number of door cycles. (Models SEL, Cool-Master and Food-Master.)

Speed-Commander™ Series Fabric High Performance Doors

Internal doors with SoftEdge and wireless breakaway



SC 1400 SEL¹⁹ and 1400 MP

Built-in horizontal aluminum profiles accommodate air pressure up to 15 mph with the door in static position. The machine protection (MP) model protects operating personnel thanks to a monitored partitioning of the machine and provides fast access when needed

SC 1400 SEL¹⁹ Cool-Master

Advanced 3 mm thick foam panel material maintains flexibility in areas over +33° F and helps keep condensation to a minimum in cooler to ambient areas





SC 1400 SEL¹⁹ Clean-Master 20 Pa

Tightly seals door openings to prevent air movement, and the fast opening speed of up to 80" per second greatly increases protection from contamination between two areas

SC 1400 SEL¹⁹ Food-Master

Choose only the stainless steel options required by the specific application. Build a door without paying for unnecessary options. (Optional welded panel shown)



Speed-Commander™ Series Fabric High Performance Doors

Internal doors with SoftEdge and wireless breakaway

Features common to all Speed-Commander™ models

- For interior applications only.
- Maximum opening 80 IPS / closing 30 IPS.
- Accommodates air pressure up to 15 mph with the door in static position.
- Sectional panel: Standard: With aluminum profiles.
Optional: Welded panel with spring steel profiles.
- Full-width vision area provides maximum visibility.
- Breakaway SoftEdge (N/A on Machine Protection model) bottom profile with integral wireless panel reversing edge.
Optional: Aluminum bottom bar with breakaway tabs for applications having slightly more air pressure.
- Guide tracks: 6" w x 3-1/4" projection 12 ga. galvanized steel.
Optional: Stainless steel.
- Light curtain built into guide tracks automatically reverses the door if beams are interrupted.
- Hood: Optional: Galvanized steel. Optional: Stainless steel.
- Control box: Smart Start™ NXT NEMA 4X UL 3-ph, 208v to 480 v (575 with transformer).
Optional: 1-ph, 230 v. Consult factory for Smart Start™ NXT HFCB NEMA 3 Non-UL 1-ph, 230 v.
- Emergency opening: Standard: Hand crank. Optional: Chain hoist.
Optional: UPS Emergency battery pack, Non-UL (with HFCB 1-ph control box only).



SC 1400 SEL¹⁹
SoftEdge bottom easily resets after impact

SC 1400 SEL¹⁹

The basis of all Speed-Commander™ models and designed for interior door openings. The SoftEdge bottom with wireless breakaway is standard.

- Maximum dimensions up to: 14'0" wide x 16'0" high
- Panel material 58 oz. / sq. yd.

SC 1400 SEL¹⁹ Clean-Master 20 pa

The Clean-Master 20 Pa tightly seals door openings to prevent air movement, and the fast opening speed reduces contamination between areas. Low-profile steel guide tracks are free from moving parts, promoting a pure environment. Stainless steel guide tracks are available.

- Maximum dimensions up to 10'0" wide x 10'0" high.
- Panel material 58 oz. / sq. yd.
- Panel: Standard has horizontal aluminum profiles.
Optional: One-piece welded panel (not 20 Pa rated).



SC 1400 SEL¹⁹ Clean-Master 20 Pa
Optional welded panel with spring steel profile (not 20 Pa rated)



Panel colors - 58 oz. / sq. yd. vinyl
(RAL reference close approximation of color)

SC 1400 SEL¹⁹ Cool-Master

This door is ideal for energy conscious, 24/7/365 applications in agricultural, medical and cold storage facilities.

- Maximum dimensions up to 14'0" wide x 16'0" high.
- Panel material: 3 mm thick gray foam panel material maintains flexibility in areas over +33° F and helps keep condensation to a minimum in cooler to ambient areas.
- Optional unheated air curtain is available. When the door is activated, the blower turns on and deactivates minutes after the door is closed.



SC 1400 SEL¹⁹ Cool-Master
Foam panel supports energy control

SC 1400 SEL¹⁹ Food-Master

The Food-Master design allows for the selection of the stainless steel options the application requires. Able to conform with all industry requirements, the following are available in stainless steel, making it possible to build a Food-Master door without paying for unnecessary options: Roll tube / hollow shaft, motor cover, guide tracks, control box and all hardware.

- Maximum dimensions up to 14'0" wide x 16'0" high.
- Standard panel: Constructed of 58 oz. / sq. yd. white vinyl with built-in horizontal aluminum profiles.
- Optional: Welded panel with sewn in spring steel profile.
- Optional: 90 oz. / sq. yd. FDA white fabric. If a welded panel is selected using the 90 oz. / sq. yd. FDA fabric, the panel does not include the spring steel profile.



SC 1400 SEL¹⁹ Food-Master
Choose stainless options according to application requirements

SC 1400 SEL MP Machine Protection

The flexible high-speed door with machine protection function protects operating personnel thanks to a monitored, complete partitioning of the machine, and provides fast access when needed.

- Maximum dimensions up to 10'0" wide x 10'0" high.
- Panel material 58 oz. / sq. yd.

Technical specifications are available on model Product Data Sheets.



SC 1400 MP Machine Protection
Thanks to the safety sensors the door can open only when the machine is idle and the machine can be operated only when the door is closed.

Solutions Made Easy With Exclusive Hörmann Accessories

Tools for enhancing protection and promoting proactive technical support

1



LED Lite-Advance door monitoring

Red and green lights promote safety

The LED Lite-Advance is a visual indicator, signaling approaching traffic that the door is open, closed or in motion. The Lites comes in 5 or 10 ft. lengths of bright LED light strips which attach to the guide tracks or hood. Lites are solid red when the door is down, flashing red when in motion, and solid green when completely open, increasing awareness which will reduce the likelihood of impact to the door, and minimize downtime.

2



Scanprotect opening sensor and area surveillance

3D laser is the ideal solution for activation or safety

The Scanprotect sensor uses laser technology, based on analysis of time of flight. It creates a volumetric area in front of the door by generating 7 angled laser curtains. One device alone carries out 3 functions: opening the door, area surveillance and safety. More than just a sensor, it becomes a protective mechanism for the door and the user.

3



Wireless Crash Alert System 24-7-365 monitoring

Wireless impact detector prompts real-time alerts

With the Hörmann wireless crash alert system, door downtime will be a thing of the past! This system can monitor up to 500 doors on a single network. When a door is hit, the wireless impact detector transfers data through the wireless cellular Gateway to a specified phone number as a call, a text or to an email, providing real-time alerts 24-7-365.

Intelligent Operator and Control Technology

Standard at Hörmann

✓ Frequency converter control

High performance frequency converter controls (FU) feature higher speeds and relieve the complete door mechanism which, in turn, extends the service life of the door considerably.

✓ Door cycle counter

✓ Operation time monitoring

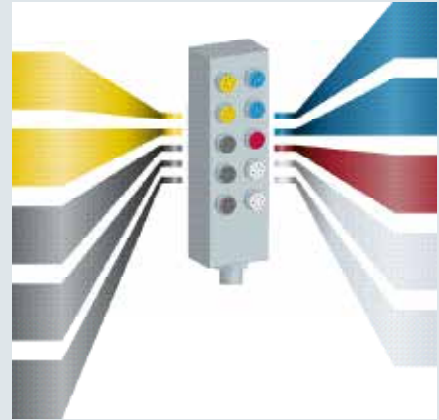
✓ Automatic timer (adjustable hold-open phase)

✓ Error display / diagnosis via a 4 x 7-segment display

✓ Service operation setting

✓ Color-coded plug-in control wiring

Connection of accessory components and safety devices is made easy with colour-coded plug-in connections and connection cables. This makes installation of initial electrical start-up quick and easy.



- Protection device
- Protection device
- Activation 1
- Activation 2
- Activation 3
- Protection device
- Protection device
- Crash receiver
- Light curtain transmitter
- Light curtain receiver

Remote keypad

Performs control box functions from ground level

More and more installations require that the door control box is installed out of the reach of passersby or completely away from the door in a central location. For these types of applications, our remote keypad is the ideal accessory; it allows for the actual door control box to be remotely installed while still having the ability to operate all control functions through a compact, 3" x 5-1/2" keypad. For Speed-Guardian™ and Steel Ranger™ models, surface mount is available.



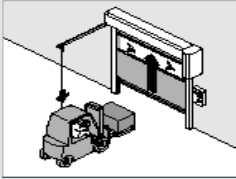
Energy Analysis Report

Calculate ROI when installing a new Hörmann door

Analyze energy consumption at a specific location and what impact a new Hörmann high performance door can have on energy savings and ROI. Your Hörmann door professional can complete a customized energy report. Based on application-specifics such as average temperatures on each side of the door opening, heating source, type of door currently installed and more, the report will show current monthly and yearly energy costs based on the existing door, and projected ROI for purchasing a new Hörmann door.

Activation

Options for operation



Pull Cord

- Nylon cord lanyard & raintight housing. NEMA 4 rated and suitable for heavy duty use.



Push Button

- Single, double or triple button.
- NEMA 4 rated.



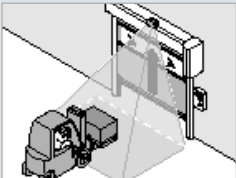
Mushroom Push Button

- NEMA 4 rated.



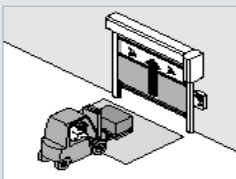
Finger-Scan

- Your fingerprint is enough.
- Model FL 12 for 12 fingerprints or the FL 100 for 100 fingerprints.



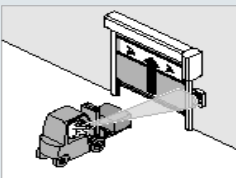
Radar / Motion Detector

- Activates when equipment or personnel enter the detection area.
- Weather-resistant enclosure, protection category IP65 (NEMA 4X).



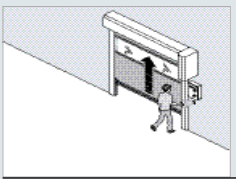
Induction Loop Detector

- A loop wire field is installed below the floor's surface and generates a magnetic field sensitive to metal objects.



Remote Control

- Effective at a range of up to 60 feet.
- Transmitters are available to activate up to 27 doors with one transmitter.

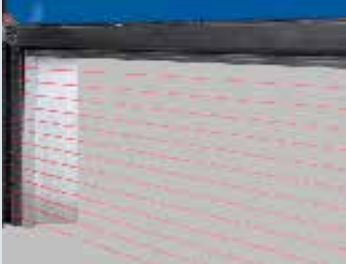


Touchless Activation Switch

- Sterile alternative to manual activation devices.
- Surface or flush mountable. Water resistant. Detection zone adjustable from 4 - 24 inches.

Protection devices

Options for safety equipment



Light Curtain

Continuous light beams shine across the door opening, from the floor up to 8'0" high, providing added protection of personnel and goods. Built-in light curtains are standard on the Speed-Commander™ 1400 SEL¹⁹ (shown above), Speed-Master® Series, Speed-Guardian™ Series, and Steel Ranger™ 9000 L.



Radar Motion Detector and Infrared Presence Detector (Activation and Protection Device)

The model HF-MP detects both motion and presence. The HF-MP covers a wide range of applications where pedestrian and motorized traffic patterns co-exist.



Laser Scanprotect Sensor

- Detection mode: motion and presence.
- Insensitive to rough weather conditions. Reliable non-detection of varying floor surfaces.
- Installation height: 6'5" to 19'6". Maximum detection zone 20 sq. ft. Housing protection category IP 65.



Warning Light

Highly visible warning light has a lightweight plastic housing and turns on three seconds prior to closing until the door is closed.



Warning Light With Horn

The warning light with horn may be used when an audible indicator along with a warning light is required.

Control Boxes

Standard at Hörmann



Smart Start™ NXT HFCB
Non-UL Control box
in plastic housing
single-phase, 230 V

Operation

Open / Stop / Close membrane push button, 4 × 7-segment display for information on door functions

Function

Automatic timer, hold-open phase adjustable by up to 120 sec., built-in light curtain, stop / reopen

Activation

Push button, pull cord, motion detector, presence detector, induction loop detector, remote control, touchless, keypad, laser sensor

Extension options

Main switch, amber warning light, horn, interlocking, stainless steel enclosure

Wiring

Connecting lead 1~230 V, N, PE, fuse 16 A, slow-acting, plug-in connection between door operator and control cabinet, CEE plug, 3-pin with 36" cable for on-site CEE socket, 16 A

Housing dimensions

8" wide × 16" high × 7" deep

Compatible door types

Standard on:
Speed-Master® 1600 L¹⁹ Eco

Consult factory for these

models:
SC 1400 SEL¹⁹
SC 1400 MP
SC 1400¹⁹ Clean-Master 20 Pa
SC 1400¹⁹ Cool-Master
SC 1400¹⁹ Food-Master
SC 1500 Compact
SM 1600 L¹⁹ (up to 10 × 10)
SG 5000 (N/A on Model LP)
SR 9000 L

UPS Emergency Battery Pack
Control box - Non-UL
in plastic housing
single-phase, 230 V

Operation

Automatic upon loss of power
Only available with HFCB
Non-UL control box

Function

Upon loss of power, automatically opens the door once. When battery is low, an alarm sounds signaling time for replacement

Wiring

Connecting lead 1~230 V, N, PE, fuse 16 A, slow-acting, plug-in connection between door operator and control cabinet, CEE plug, 3-pin with 36" cable for on-site CEE socket, 16 A

Housing dimensions

8" wide × 16" high × 7" deep

Compatible door types

Optional on:
SC 1400 SEL¹⁹
SC 1400 MP
SC 1400¹⁹ Clean-Master 20 Pa
SC 1400¹⁹ Cool-Master
SC 1400¹⁹ Food-Master
SM 1600 L¹⁹ (up to 10 × 10)
SG 5000 (N/A on Model LP)
SR 9000 L

Smart Start™ NXT NEMA 4X
UL Control box in steel housing
Standard: Three-phase, 208 to 575 V
Available: Single-phase

Operation

Open-Stop-Close membrane push button, emergency-off button, 4 × 7-segment display for information on door functions, lockable main switch

Function

Automatic timer, hold-open phase adjustable by up to 120 sec., built-in light curtain, stop / reopen

Activation

Push button, pull cord, motion detector, presence detector, induction loop detector, remote control, touchless, keypad, laser sensor

Extension options

Amber warning light, horn, interlocking

Wiring

Connecting lead color-coded via distribution box

Housing dimensions

11.5" wide × 15.5" high × 8" deep

Compatible door types

SC 1400 SEL¹⁹
SC 1400¹⁹ Clean-Master 20 Pa
SC 1400¹⁹ Cool-Master
SC 1400¹⁹ Food-Master
SC 1500 Compact
SM 1600 L¹⁹
SM 1600 XL¹⁹
SM 2600 L (1-ph N/A)
SM 4600 L (1-ph N/A)
SG 5000 (1-ph N/A on Model LP)
SR 9000 L

XL Smart Start™ NXT NEMA 4X
UL Control box in steel housing
Standard: Three-phase, 208 to 575 V
Available: Single-phase

For applications that require heat

Operation

Open-Stop-Close membrane push button, emergency-off button, 4 × 7-segment display for information on door functions, lockable main switch

Function

Automatic timer, hold-open phase adjustable by up to 120 sec., built-in light curtain, stop / reopen

Activation

Push button, pull cord, motion detector, presence detector, induction loop detector, remote control, touchless, keypad, laser sensor

Extension options

Amber warning light, horn, interlocking

Wiring

Connecting lead color-coded via distribution box

Housing dimensions

15.75" wide × 23.625" high × 7.875" deep

Compatible door types

SC 1400 SEL¹⁹
SC 1400¹⁹ Clean-Master 20 Pa
SC 1400¹⁹ Cool-Master
SC 1400¹⁹ Food-Master
SC 1500 Compact
SM 1600 L¹⁹
SM 1600 XL¹⁹
SM 2600 L (1-ph N/A)
SM 4600 L (1-ph N/A)
SG 5000 (1-ph N/A on Model LP)
SR 9000 L

Service Made Easy With Exclusive Hörmann Service Support APP

Technical support at your fingertips

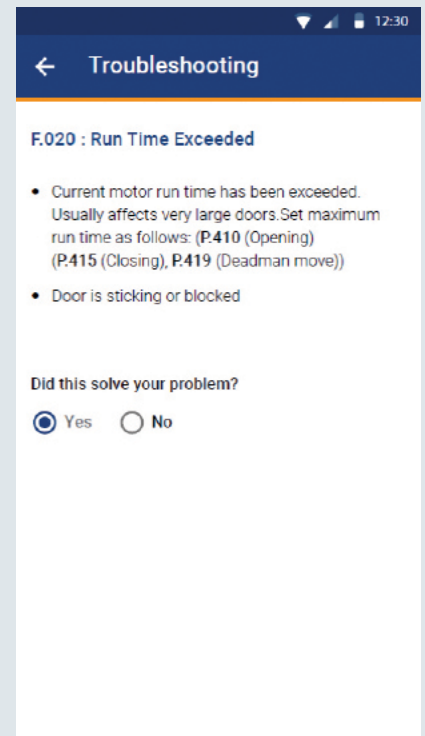
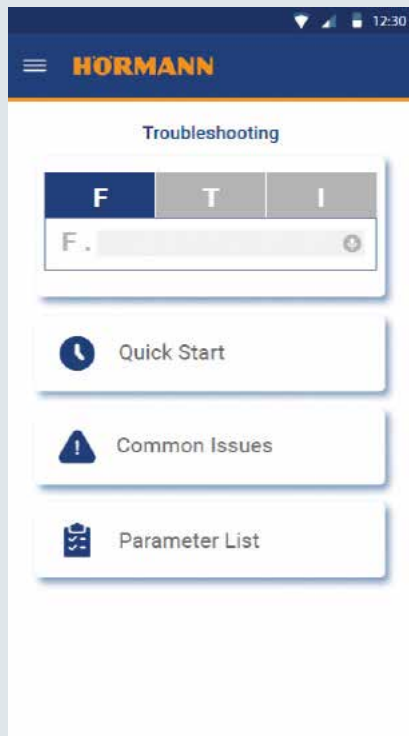
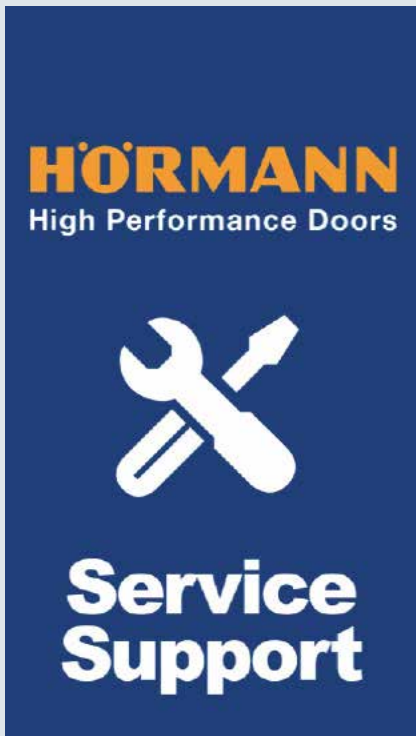


Download our service support APP
for iOS and Android
at the App Store or Google Play

Save time

For installers servicing our doors, our Service Support APP is available as a free download from the App Store or Google Play.

Everything from a Quick Start guide, to troubleshooting common issues and resolving fault codes that appear on the control box LED display, may be addressed using our APP. Service technicians have the answers they need at their fingertips, eliminating a call to our technical support department while having immediate access to the answers they need.



Our promise to you

As one of the world's leading manufacturers of doors, we're committed to providing the best quality, value, and selection. Whether industrial or commercial, retail automotive, parking

fire stations or food processing, we have the door you're looking for. The Hörmann product line has a door for any application, from one manufacturer.



Hörmann Burgettstown, PA



Hörmann Barrie, Ontario, Canada



USGBC
MEMBER

Environmental commitment has been part of our corporate culture for decades. From our manufacturing processes to the products we make.

In everything we do we strive to minimize energy and use of resources through efficient processes, long-lasting quality and innovative engineering.

Connect with us!



Visit our website for more information!

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