Optional stainless steel hood shown

Speed-Commander™ 1400 SEL[19] Series

High-performance fabric doors for interior applications
Models for clean rooms, coolers, food processing and more

HÖRMANN

5 & 2 WARRANTY YEAR

Specific Solutions For Interior Locations

We offer a broad range of customer-specific solutions for special applications: food processing, clean rooms, coolers, or for conveyer systems and machine protection.

Fast opening and closing speeds support operational efficiencies and greater environmental control between busy work spaces in these environments. Low-profile guide tracks and a compact motor easily accommodate cramped installation areas.

Cutting Edge Safety Accessories

Hörmann high-performance door systems offer cutting edge safety accessories that reinforce protection of personnel and equipment at the door opening.

The Hörmann Advantages

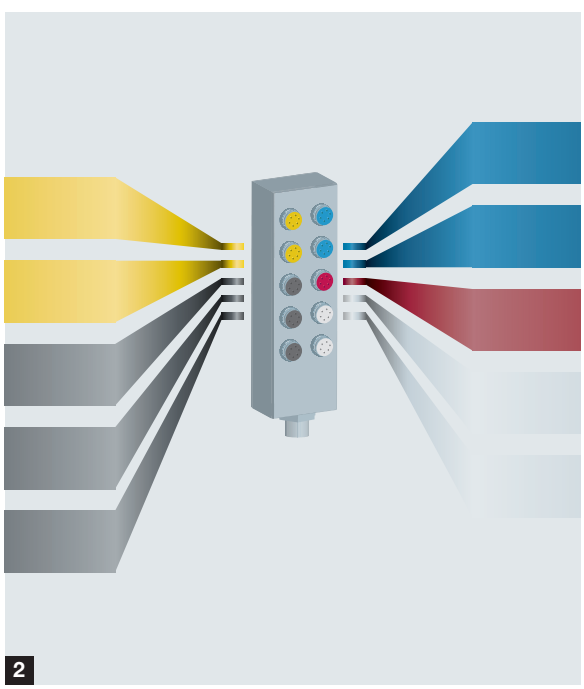
Reliable, practical, and innovative

Hörmann Innovations

1

NON-CONTACT PROTECTION 1

The standard light curtain is integral with the guide tracks making it less susceptible to damage and eliminates the need for additional protection devices such as a reversing edge and photocell. This system enhances protection of personnel and vehicles, drastically reducing the likelihood of damage, saving on maintenance costs when used in conjunction with motion or presence detectors.



2

LONG SERVICE LIFE AND HIGH-EFFICIENCY AS STANDARD 2

The Smart Start™ NXT NEMA 4X control box has a simplified wiring configuration. 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.

3

PRACTICAL SOLUTIONS 3

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 troublefree operation and production processes.

4

WIRELESS BREAKAWAY SWITCH 4

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.)

SC 1400 SEL[19] FOOD-MASTER

SC 1400 SEL[19]

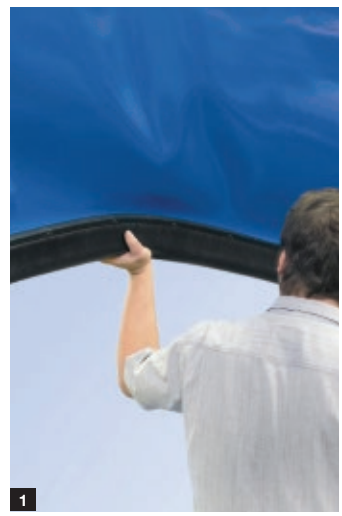
RIGHT: SC 1400 SEL[19] CLEAN-MASTER 20 PA

Speed-Commander™ Model Features

Comprehensive range of interior door solutions

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).



1

SC 1400 SEL^{19}
SoftEdge bottom easily resets after impact

SC 1400 SEL^{19} 1

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.

2

SC 1400 SEL^{19} CLEAN-MASTER 20 PA
Optional welded panel with spring steel profile (not 20 Pa rated)

SC 1400 SEL^{19} Clean-Master 20 Pa 2

Fast opening speed reduces contamination between areas. Low-profile steel guide tracks are free from moving parts, promoting a pure environment.

- 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).

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

SC 1400 SEL[19] Cool-Master 3

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.

3 SC 1400 SEL[19] COOL-MASTER
Foam panel supports energy control

SC 1400 SEL[19] Food-Master 4

The Food-Master design allows for the selection of the stainless steel options the application requires. 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.

4 SC 1400 SEL[19] FOOD-MASTER
Choose stainless options according to application requirements

SC 1400 SEL MP Machine Protection 5

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.

Technical specifications are available on model Product Data Sheets.

5 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.

Exclusive Hörmann Accessories

Tools for enhancing safety

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.

WIDESCAN OPENING SENSOR AND AREA SURVEILLANCE

3D laser is the ideal solution for activation or safety

The Widescan sensor uses laser technology, based on analysis of time of flight. It creates a volumetric area in front of the door opening by generating seven angled laser curtains, and it detects objects based on object size, height, speed, and direction. One device alone carries out three functions: opening the door, area surveillance and safety. More than just a sensor, it becomes a protective mechanism for the door and the user. A mobile app is available to easily configure sensor settings from the ground.

Intelligent Operator and Control Technology

Standard at Hörmann

Frequency converter control

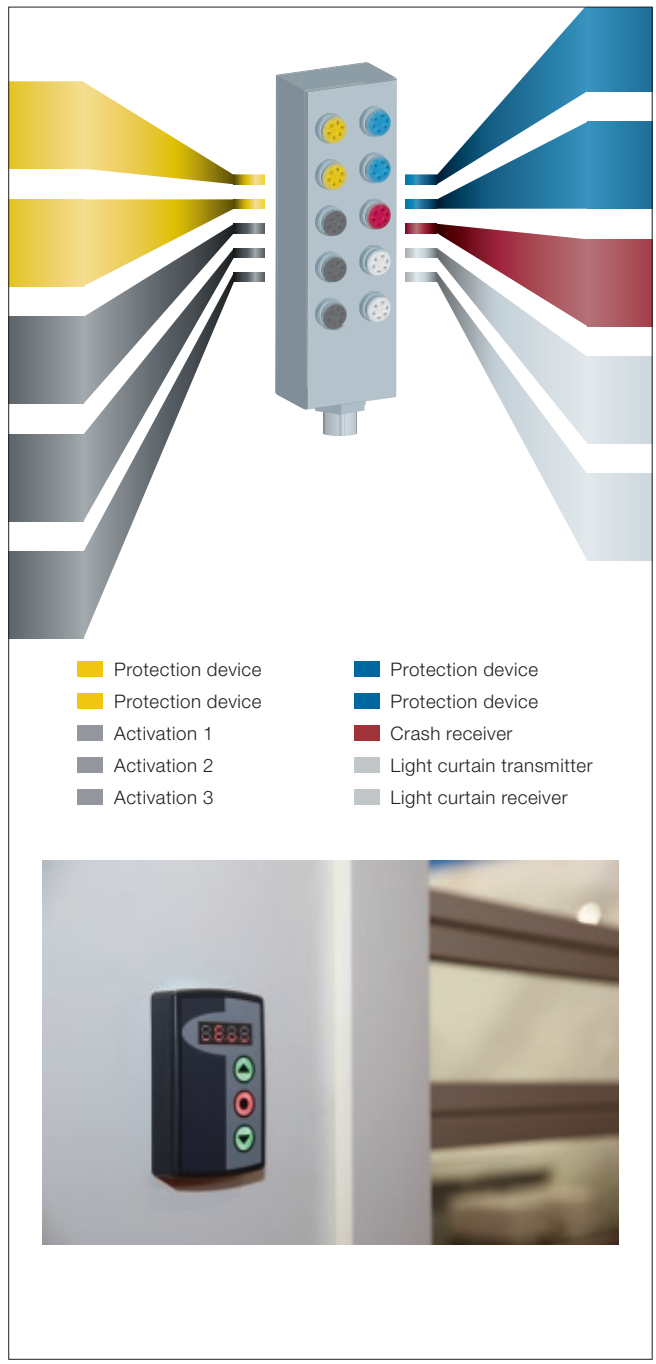
High performance frequency converter controls (FU) feature higher speeds and relieve the complete door mechanism which, considerably extends the service life of the door. The Smart Start™ NXT NEMA 4X, control box has a simplified wiring configuration and few components and cables.

The advantages at a glance

- Door cycle counter
- Operation time monitoring
- Automatic timer (adjustable hold-open phase)
- Error display / diagnosis via a 2 line LCD display
- Service operation setting
- Color-coded plug-in control wiring

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 5-½” keypad.



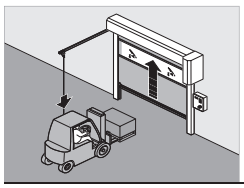
Energy Analysis Report

Calculate ROI when choosing a new Hörmann door

Analyze energy consumption at a specific location and the impact a new Hormann high performance door can have on energy savings and ROI. Your Hörmann door professional can complete a customized energy report. Based on 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.

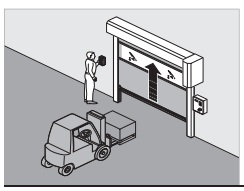
Activation

Options for operation



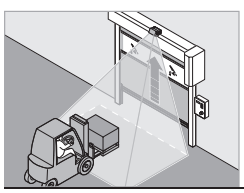
Manual, nylon cord
- Nylon cord lanyard & raintight housing. NEMA 4 rated and suitable for heavy duty use.

Widescan Laser Sensor
- Automatic virtual pull cord.

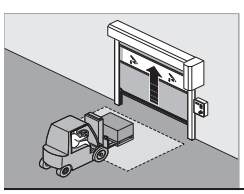


Push Button
- Single, double or triple button.
- NEMA 4 rated.

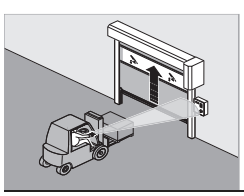
Mushroom Push Button
- NEMA 4 rated.



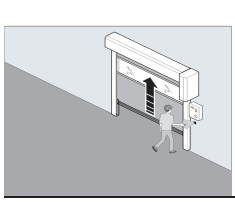
Radar / Motion Detector
- Activates when equipment or personnel enter the detection area.
- Weather-resistant enclosure, protection category IP65 (NEMA 4X).



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.



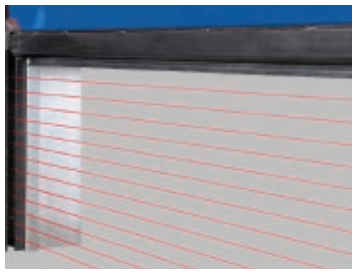
Touchless Activation Switch
- Sterile alternative to manual activation devices.
- Surface or flush mountable. Water resistant. Detection zone adjustable from 4 - 24 inches.

Protection devices

Options for safety equipment

Light Curtain

The built-in light
curtain is standard. Continuous light beams shine across the door opening, from the floor up to 8’0” high, providing added protection of personnel and goods.



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.

Widescan Laser Sensor

One device carries out three functions: activating the door, surveillance, and safety. The Widescan may also be programmed to function as a virtual pull cord for activation.

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, 2 line LCD, for information on door functions, lockable main switch

Function
Automatic timer, hold-open phase adjustable by up to 120 sec., 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
9” wide × 18” high × 8” deep

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 signalling 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
9” wide × 18” high × 8” deep

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, 2 line LCD, for information on door functions, lockable main switch

Function
Automatic timer, hold-open phase adjustable by up to 120 sec., 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, stainless steel enclosure

Wiring
Connecting lead color-coded via distribution box

Housing dimensions
12” wide × 16” high × 9” deep

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, 2 line LCD, for information on door functions, lockable main switch

Function
Automatic timer, hold-open phase adjustable by up to 120 sec., 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,stainless steel enclosure

Wiring
Connecting lead color-coded via distribution box

Housing dimensions
15.75” wide × 23.625” high × 7.875” deep

Service Support APP

Only from Hörmann

External 24 V DC Power Supply

Operation
Overload power supply for doors with several accessories

Function
5 AMPS of power

Wiring
480 VAC cable connects to disconnect switch of the control panel. A second cable feeds the low voltage wiring for additional accessories

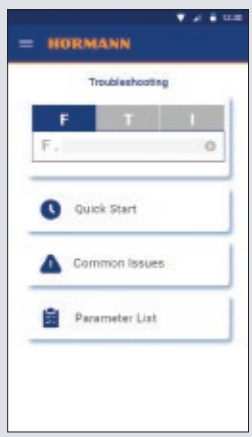
Housing dimensions
12” wide × 7.87” high × 6.29” deep

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

Hörmann Innovations



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.

HÖRMANN NORTH AMERICA

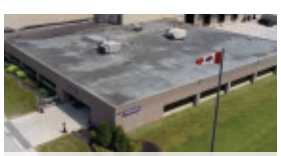
Sparta, TN - North American Headquarters / Sectional Doors

SIX PRODUCTION PLANTS, ONE FAMILY

As one of the world's leading manufacturers of door systems, we're committed to providing the best quality, value, and selection. Whether residential, commercial or industrial, we have the solutions you're looking for. Each Hörmann product gives you the perfect array of benefits and options to satisfy your customers.

Puyallup, WA

Montgomery, IL



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