



Steel Ranger™ High-Performance Doors

Springless, direct-drive, high and low speed models
Interior or exterior door openings

HÖRMANN

Steel Ranger™ 9000 and 9500 Rigid High-Performance Doors

High-performance rolling steel door ideal replacement for outdated rolling doors





Benefits

With direct-drive, springless operation, the Steel Ranger™ Series of high-performance rolling steel doors is the perfect replacement for outdated rolling steel doors. The panel color matches our standard Speed-Guardian™ 5000 Series RAL 9006, which makes it easy to coordinate the two products into one building design.

Fast and Efficient Operation

With a rapid opening speed of 45" per second, the Steel Ranger™ 9000 L Elite model opens up to 5-1/2 times faster than a traditional rolling steel door. Faster operation will contribute to energy savings and reduced employee wait times, ultimately saving money. The Steel Ranger™ 9500 LS low speed model is an economical solution for low cycle locations.

Exclusive 500,000 Cycle Warranty

The 9000 L Elite model has a direct-drive, springless design that enables us to include an exciting 500,000 cycle warranty, ensuring dependable, maintenance-free operation. Competitive brands have springs with a 20,000 cycle capability as standard, and higher cycle springs are optional add-ons.

Individual Solutions

This door is designed based on customer-specific solutions for parking garages, emergency service, retail automotive, warehouses, and more.

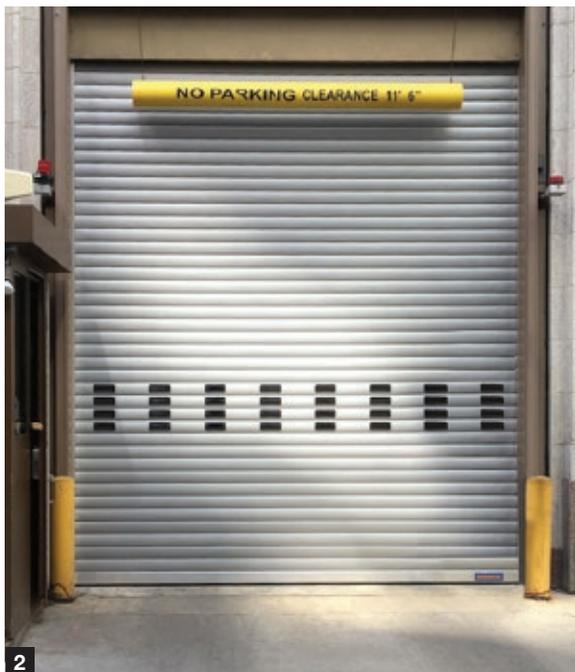
Quality Features of a Cutting Edge Door System

Easier installation, less maintenance, great reliability



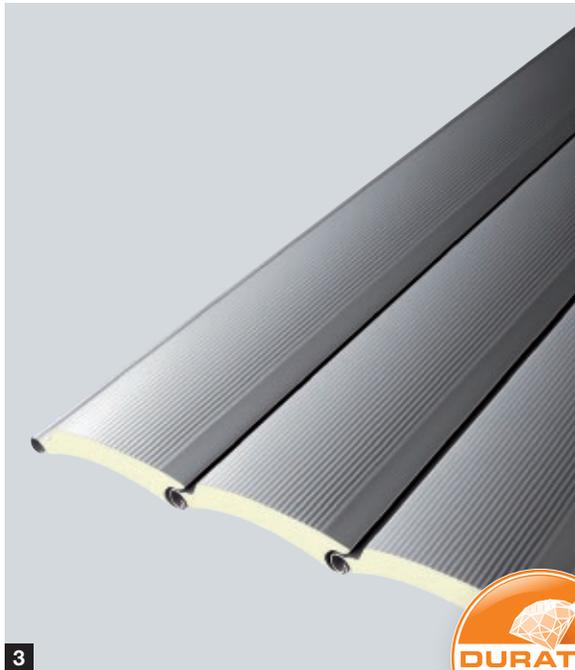
NON-CONTACT PROTECTION 1

A light curtain is attached to the low-profile guide tracks and automatically reverses the door if a light beam is interrupted, protecting pedestrians and vehicles from contact with the door.



LOW HEADROOM (LH) MODEL DESIGNED FOR PARKING GARAGES 2

The Steel Ranger™ 9000 LH low headroom track design meets the special requirements of parking garages with a compact footprint that allows for installation in areas with limited clearance around the door opening.



INSULATED DECOTHERM® SLATS 3

Exclusive insulated Decotherm® steel slats are constructed of a polyurethane core, covered with a steel skin, a zinc coating, and base and finish coatings, for a damage-resistant panel.



SPRINGLESS DESIGN 4

Our springless design allows for compact aluminum guide tracks that require only 4 inches of sideroom. They are installed quickly and easily, directly to the wall structure. The operator and bearing brackets require just 11" and 7" of sideroom clearance, respectively. (SR 9500 LS model tracks shown) Competitive models have springs with a 25,000 cycle capability as standard, and higher cycle springs are optional add-ons.

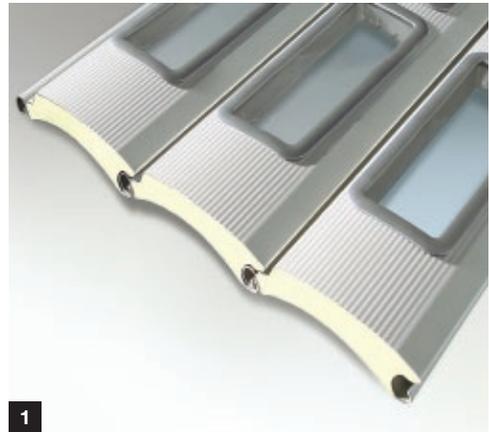
Steel Ranger™ 9000 L Elite High Speed Rolling Steel Doors

Ideal replacement for outdated rolling doors in high traffic areas

Steel Ranger™ 9000 L Elite **1**

With direct-drive, springless operation, strong panel and fast operating speeds, this revolutionary high-performance rolling steel door is the model to choose as an alternative to traditional rolling steel doors in high cycle applications.

Our springless design has few moving parts, which translates into maintenance free operation. The Steel Ranger's compact footprint fits into even the most confined locations. The low headroom track design is available when applications have limited mounting space above the door opening.



Sleek and Attractive Slats **2**

Exclusive insulated Decotherm® steel slats are constructed of a polyurethane core, covered with a steel skin, a zinc coating, and base and finish coatings, for a damage-resistant panel.



Built-in Light Curtain **3**

A light curtain is attached to the low-profile guide tracks and automatically reverses the door if a light beam is interrupted, protecting pedestrians and vehicles from contact with the door.



Equipment Features

Model	SR 9000L Elite
Suitable Application	interior exterior
Track Configuration	
Vertical - Aluminum 3-5/8" w x 2-3/4" projection	●
Low Headroom - Aluminum 3-5/8" w x 2-3/4" projection	—
Maximum Size Range	16'0" w x 14'0" h or 21'4" w x 10'8" h
Minimum Required Headroom (in)	24-1/2 (without hood) 27-1/4 (with hood)
Operating Speeds	
Maximum Opening Speed (in/s)	45
Approximate Closing Speed (in/s)	20
Resistance to Wind Load	
Panel in Closed Position	Refer to Product Data Sheet for Details
Thermal Insulation without Vision	
U-value (Imperial) = BTU/(hr x ft ² x °F)	0.73
U-value (Metric) = W/(m ² x K)	0.13
Panel	
11/16" thick x 4.3" high Decotherm® steel slats with polyurethane core covered with triple layered skin	●
Optional: Wet paint one or both sides of panel - Available for applications that require it. Warranty: One year on paint finish.	○
Patented noise reduction pads on interior side	●
Vision	
5.9" wide x 2.16" high rectangular windows: double-pane polycarbonate or ventilated Window positioning, compact or full-width	○
Hood - Galvanized	○
Thru Beam Photoeye	○
Wireless Reversing Edge	○
Light Curtain Built into Tracks	●
Control	
Smart Start™ NXT NEMA 4X UL	
3-phase, 208 V to 480 V (575 V w/transformer)	●
1-phase, 230 V	Available
Smart Start™ NXT HFCB NEMA 3 - Non-UL 1-phase, 230 v only	Consult Factory
Emergency Opening	
Chain Hoist	●
Hand Crank	○
UPS Emergency battery pack Non-UL - Automatic door opening in case of power failure (with HFCB 1-ph control box only)	○

- = Standard
- = Optional
- = Unavailable

Exclusive 5 & 2 Warranty

Our springless design enables us to include an exciting 5 & 2 Warranty: 5-year unlimited cycle warranty on slats and motor/gearbox (excluding catch system) / 2-years on all other mechanical and electrical components, plus a 100K cycle warranty on track funnels.



Steel Ranger™ 9500 LS Low Speed Rolling Steel Doors

Springless insulated rolling steel door for door openings up to 24'0" wide x 16'0" high

Compact Guide Tracks Fit Anywhere **1**

Our springless design allows for compact aluminum guide tracks that require only 4 inches of sideroom. They are installed quickly and easily, directly to the wall structure. The operator and bearing brackets require just 11" and 7" of sideroom clearance, respectively. Competitive models have springs with a 25,000 cycle capability as standard, and higher cycle springs are optional add-ons.

Insulated Decootherm® Slats

Exclusive insulated Decootherm® steel slats are constructed of a polyurethane core, covered with a steel skin, a zinc coating, and base and finish coatings, for a damage-resistant panel.

Powerful Direct Drive Operator **2**

An effective solution for interior or exterior door openings, a powerful direct-drive operator may be mounted either vertically or horizontally as standard. This flexible mounting configuration accommodates applications with unusual sideroom requirements. If an optional hood is required, the operator mounting direction will be required at order placement.

Minimum Wear Guide Channel **3**

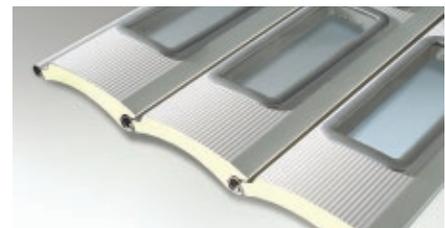
As standard, the guide tracks have a built-in, smooth vinyl guide channel which reduces wear and friction on the door panel. Track funnel guides direct the door panel into the tracks and are easily replaced. Exterior mounted doors include brush and loop seal inside tracks.

Easy Installation

The door construction is a ready-to-install unit consisting of the curtain, roll tube and mounting brackets. The door components can be easily positioned on the building structure using a line and mounting hole template. Stackable packaging units also optimize transportation to the job site.

Optional Hood for Weather Protection

An optional galvanized steel hood covering the roll tube and operator is available for effective protection against dirt and /or exterior mounting applications.



Aesthetically pleasing insulated Decootherm® panel
Sleek insulated Decootherm® panel is attractive and durable

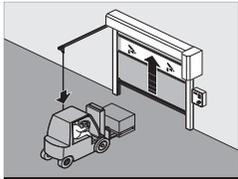
Equipment Features

Model	SR 9500 LS
Suitable Application	interior exterior
Track Configuration	
Standard Roll-up	●
Maximum Size Range	24'0" w x 16'0" h
Minimum Required Headroom (in)	21-1/2 (without hood) 23-1/2 (with hood)
Operating Speeds	
Maximum Opening Speed (in/s)	8
Approximate Closing Speed (in/s)	8
Thermal Insulation without Vision	
U-value (Imperial) = BTU/(hr x ft ² x °F)	0.73
U-value (Metric) = W/(m ² x K)	0.13
Panel	
11/16" thick x 4.3" high Decotherm® steel slats with polyurethane core covered with triple layered skin	●
Optional: Wet paint one or both sides of panel - Available for applications that require it. Warranty: One year on paint finish.	○
Vision	
5.9" wide x 2.16" high rectangular windows: double-pane polycarbonate or ventilated Window positioning, compact or full-width	○
Guide Tracks	
Aluminum 3" wide x 4-1/2" projection	●
Hood - Galvanized	○
Operation and Protection Devices	
Constant contact push button (no reversing edge, photoeye or light curtain)	●
Automatic with UL 325 NEMA 4X thru beam photoeye	○
Automatic with wireless pneumatic reversing edge and UL 325 NEMA 4X thru beam photoeye	○
Automatic with light curtain built into tracks (no reversing edge or photoeye)	○
Control	
NEMA 4 relay UL control box Standard: 3-phase, 230 or 480 V / 60 Hz. If 208 is required, a transformer is included	●
Emergency Opening	
Chain Hoist	●

● = Standard
○ = Optional
— = Unavailable

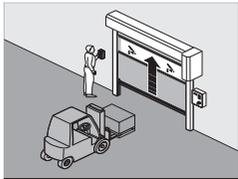
Activation

Options for operation



Manual, nylon cord

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



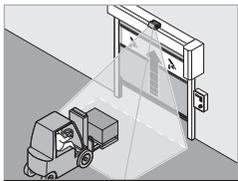
Push Button

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



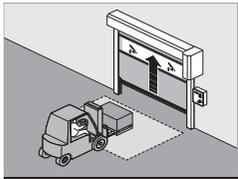
Mushroom Push Button

- NEMA 4 rated.



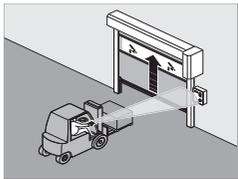
Radar / Motion Detector

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



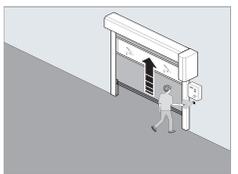
Induction Loop Detector

- 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

Remote Keypad

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.



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.



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.



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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Burgettstown, PA



Imperial, PA

USA

Toll Free: 800.365.3667
Email: info@hormann.us
Website: hormann.us

Canada

Toll Free: 866.792.9968
Email: info@hormann.ca
Website: hormann.ca

Mexico

Toll Free: 52 (81) 8308 7481
Email: info@hormann.com.mx
Website: hormann.mx



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