



HIGH PERFORMANCE DOORS



Steel Ranger™ 9000 L

High performance rolling steel door

Springless and maintenance-free

Ideal for parking garages, warehouses, and retail automotive facilities

Interior or exterior door openings up to 16'0" w x 14'0" h



Steel Ranger™ 9000 L high performance rolling steel door

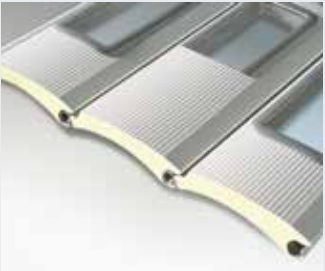
Revolutionary design available in vertical or low headroom track assembly



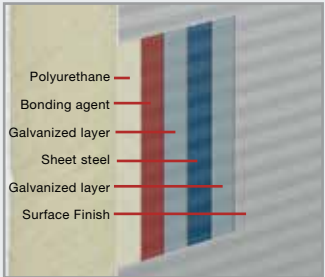
Revolutionary rolling steel door design
The Steel Ranger™ 9000 L is a class above traditional rolling steel doors. With a windload rating up to 88 mph, direct-drive, springless operation, extremely strong panel and fast operating speeds, this revolutionary high performance rolling steel door is the model to choose as an alternative to traditional rolling steel doors in high cycle applications.

Springless and maintenance free
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 and is for interior mounting only.

Exclusive Decotherm® steel panel
Extremely strong and durable, our exclusive insulated Decotherm® 29 gauge steel panel slats (R-value: 8 / Standard color: RAL 9006) are constructed of a polyurethane core, covered with a triple layered skin that consists of: a galvanized layer, and over that, a sheet steel layer, then another galvanized layer, and finally the surface finish. This special layering process makes the panel especially resistant to damage caused by transportation, installation and operation. Also, minimal thermal bridges which connect the slats, and use of a fine-pore rigid foam infill, ensure excellent thermal insulation. The panel sealing technology incorporated around the entire door reduces air and noise infiltration and includes a frost-proof bottom edge.



Decotherm® panel is damage-resistant.



Layered skin is extremely strong.



Light grid protects personnel & goods.

500,000 cycle warranty
A direct-drive, springless design enables us to include an exciting 500,000 cycle warranty, ensuring dependable, maintenance-free operation that progressive companies desire. Competitive models have springs with a 20,000 cycle capability as standard, and higher cycle springs are optional add-ons.

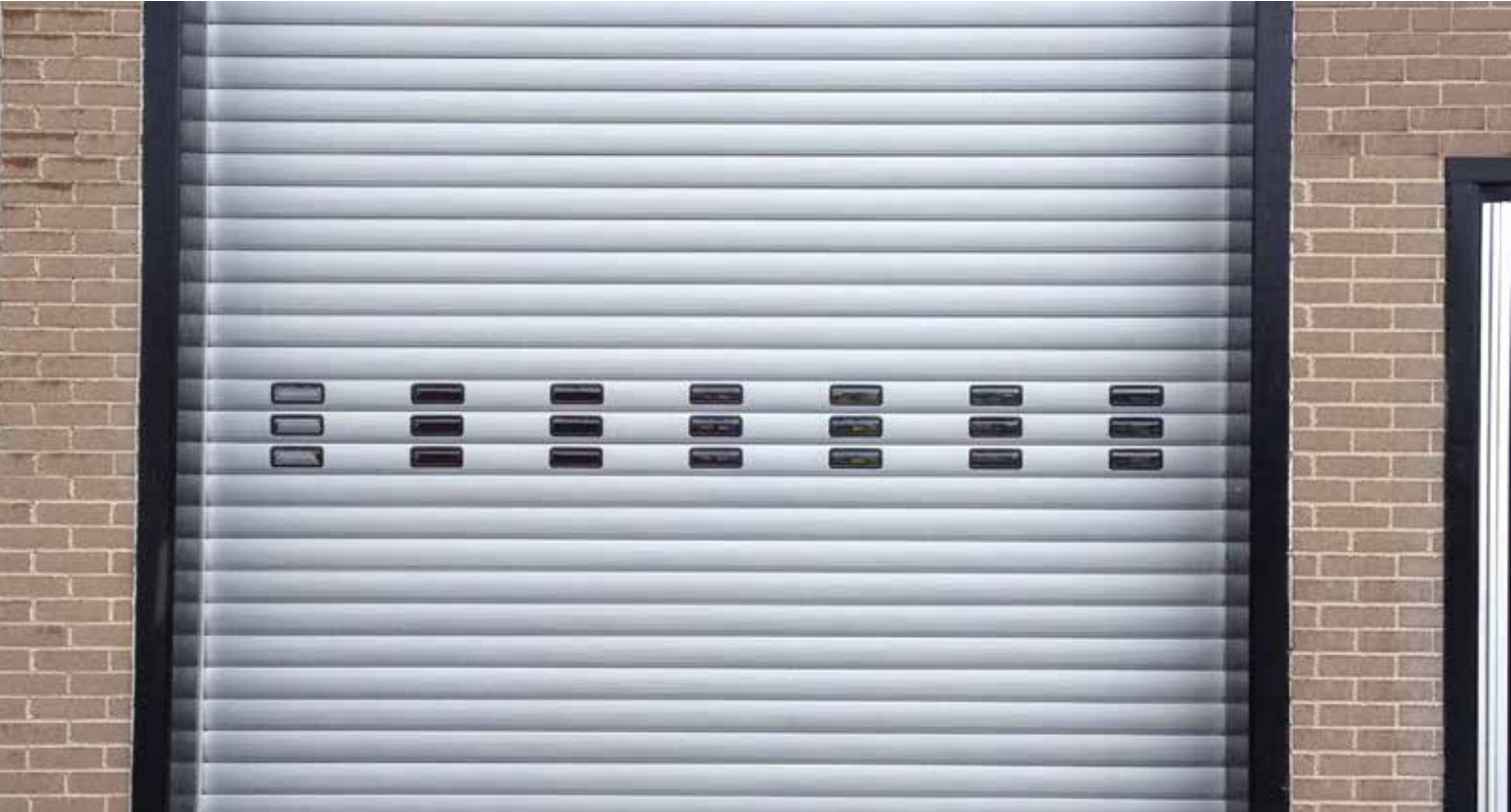
Fast and efficient operation
With a rapid opening speed of 45" per second (closing 20" per second), the Steel Ranger™ 9000 L is up to 5-1/2 times faster than a traditional rolling steel door. Our faster operation will contribute to energy savings and reduced employee wait times, ultimately saving money. The NEMA 4X, 3-phase, Smart Start™ NXT control box is standard.

Built-in light grid integral with guide tracks
A standard, built-in light grid is integral within the low-profile guide tracks and protects personnel and goods from contact with the door. Light beams shine across the opening, and if a beam is interrupted, the door is automatically reversed. In addition to protecting people and goods, this system reduces the likelihood of damage to the door which saves on maintenance costs and downtime.

Low headroom model
For door openings up to 9'0" high, our low headroom model will accommodate applications where there is limited clearance, a common issue in parking garages. The low headroom Steel Ranger™ 9000 L only requires 18-1/2" of clearance above the opening.

Applications in diverse industries

Fast, secure alternative to traditional rolling steel doors in high cycle applications
For door openings up to 16'0" wide x 14'0" high



Government, Banks, Parking Garages
Government buildings and bank centers require a door that creates an effective barrier to protect against theft and unauthorized entry. The Steel Ranger™ 9000 L is secure and energy efficient with the insulated Decotherm® panel, available only from Hörmann. In parking garages and condominiums where dependability is critical, the fast operating speed of the 9000 L and built-in light grid reduce the likelihood of damage to the door, preventing downtime, assuring that visitors are able to enter and exit freely.

Warehouses and Distribution Centers
Loading dock and ground level door openings on warehouses and distribution centers require a security door that is built to handle the high cycles typical in these environments. The Steel Ranger™ 9000 L is backed by our exciting 5 & 2 / 500,000 cycle warranty; Hörmann's commitment to quality and dependability.

Automotive Retail
The Steel Ranger™ 9000 L is a perfect replacement door for "the other" service doors on dealerships (non-main service entrance/exit doors). Fast to open, secure and insulated, the 9000 L is an extremely cost effective alternative to slow, ordinary roll-up doors; not to mention its aesthetic qualities.

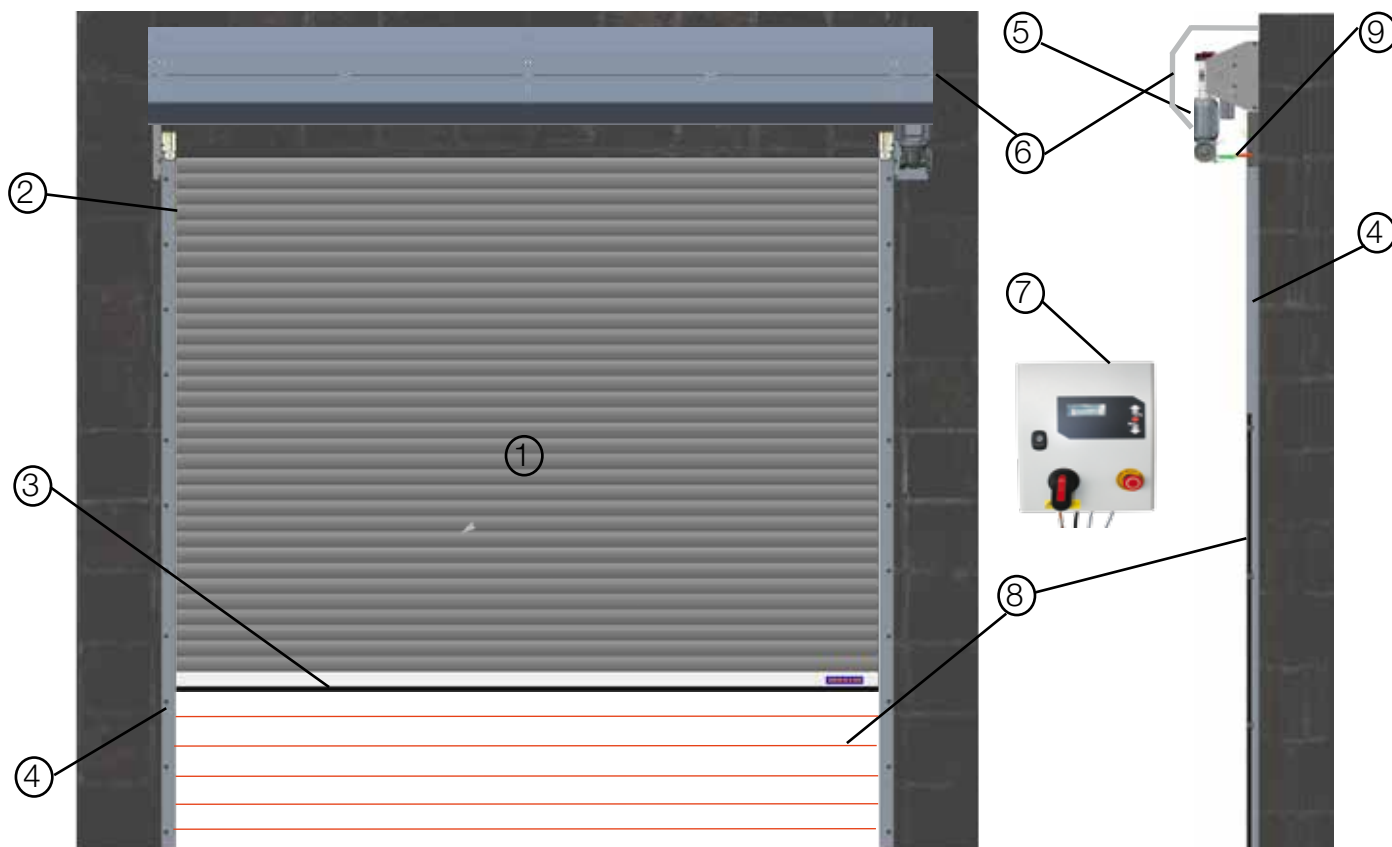
Fire Stations and Emergency Service
Fire stations and emergency service facilities need their doors to open as fast as possible. A 12'0" Steel Ranger™ 9000 L opens completely in four to five seconds. The compact guide tracks enable the 9000 L to fit into existing building dimensions, whether in a renovation or new construction layout, as opposed to four-fold doors which require more side room clearance and may require enlarging the overall size of the building as a result.

Application	Interior or exterior.	
Size range	Up to 16'0" w x 14'0" h	
Roll-up technology	Standard: Vertical track assembly. Optional: Low headroom track assembly.	
Operating speed	Opening Up to 45" / sec. (1.1 m / sec.)	Closing Up to 20" / sec. (0.4 m / sec.)
Breakaway Panel	No. 11/16" (17.46 mm) thick x 4.3" (109.22 mm) high Decotherm® 29 gauge steel panel slats constructed of a polyurethane core, covered with a triple layered skin. Thermal bridges connect the slats, and use of a fine-pore rigid foam infill, ensure excellent thermal insulation. R-value: 8.0. Standard color: RAL 9006 on both the exterior and interior. Vision: Optional 5.9" wide x 2.16" high, double pane polycarbonate rectangular windows.	
Hood	Optional on both the vertical and low headroom models.	
Safety device Control	8'0" high light grid built into guide tracks. *NEMA 4X Smart Start™ NXT, 208 v to 575 v / 3-phase / 60 Hz. Optional: NEMA 3 HFCB 208 v / 1-phase / 60 Hz with 3-phase output.	
Emergency Activation	Chain hoist. Optional: Pull cord, push buttons, motion detector, induction loop detector and remote control. For additional activation choices, consult factory.	

*Effective April 1, 2017

Features and benefits for ultimate performance

Standard track assembly - Optional hood shown



- 1) Double-skinned, thermal insulated Decotherm® 29 gauge steel panels have an R-value of 8, are manufactured exclusively by Hörmann and are constructed of a polyurethane core covered with a triple layered skin. Interior and exterior surface is Micro-Profile® - Color: RAL 9006.
- 2) Full perimeter sealing with brush seals within guide tracks.
- 3) Frost-proof bottom rubber seal.
- 4) Low-profile anodized aluminum guide tracks require only 4" of clearance on both sides of door opening.
- 5) Direct-drive motor is self-monitoring with a patented built in catch system and sealed bearings for high cycle applications.
- 6) Galvanized steel roll and motor cover (optional).
- 7) NEMA 4X, Smart Start™ NXT control box with a 208 v to 575 v / 3-phase / 60 Hz power requirement.
Optional: NEMA 3 HFCB 208 v / 1-phase / 60 Hz with 3-phase output.

- 8) Integral light grid up to 8'0" high automatically reverses the door when a beam is interrupted, reducing the likelihood of damage to the panel and contact with personnel or materials. This system eliminates wear items, i.e., coil cords and photo eyes.
- 9) Emergency chain hoist for door operation during a power outage.

Options:

- Low headroom track assembly.
- Galvanized steel roll and motor cover (Covers entire roll tube and motor).
- Double-pane windows.

5 & 2 500,000 Cycle Warranty: Five years on the motor/ gearbox (excludes catch system) and two years on electrical components. 500,000 cycle warranty on door operation (excludes wear items). 100,000 cycle warranty on track funnels.

Take a look at our website for more information!



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