Steel Ranger™ 9000 L Rigid High Performance Doors

High performance rolling steel door ideal replacement for old fashioned rolling doors

5&2 CYCLE WARRANTY 500,000

Benefits

The Steel Ranger™ 9000 L high performance rolling steel door is the perfect replacement for old fashioned rolling steel doors in areas where the doors are cycled several times per hour. 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. Optional RAL paint colors are available.

Fast and efficient operation

With a rapid opening speed of 45” per second, the Steel Ranger™ 9000 L and 9000 LH models open 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, Smart Start™ NXT 3-phase control box is standard. The Steel Ranger™ 9000 LS low speed model is an economical solution for low cycle locations.

Exclusive 500,000 cycle warranty

The 9000 L and 9000 LH models have a direct-drive, springless design that 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.

Individual solutions

Various demands require individual door solutions. Based on our expert know-how, we have designed this door based upon customer-specific solutions for special applications such as parking garages, emergency service, retail automotive, warehouses and more.

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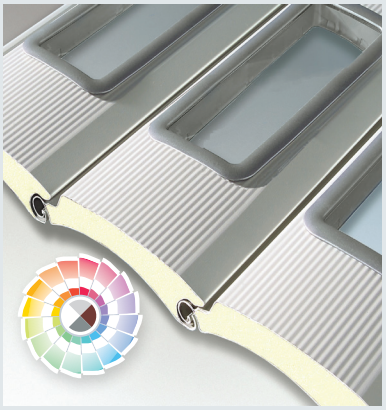
Steel Ranger™ 9000 L

The Steel Ranger™ 9000 L is a class above traditional rolling steel doors. With 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.

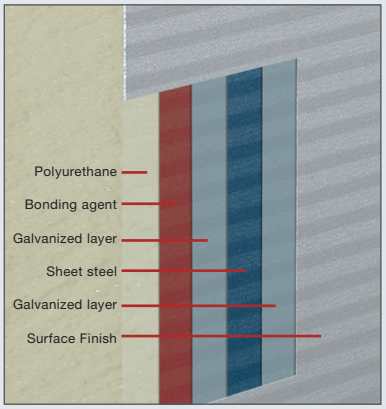
Our springless design has few moving parts, which translates into maintenance free operation. The Steel Ranger's compact footprint fits into even the most confined locations. The low headroom track design is available when applications have limited mounting space above the door opening.

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. Minimal thermal bridges which connect the slats, and use of
a fine-pore rigid foam infill, ensure excellent thermal insulation. Optional colors are available using a wet paint process on one or both sides of the panel (Any RAL color). Patented noise reduction pads promote quiet operation (optional on model SR 9000 LS).

A standard, built-in light grid is integral within the low-profile, aluminum guide tracks and protects personnel and goods from contact with the door (optional on model SR 9000 LS). 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.



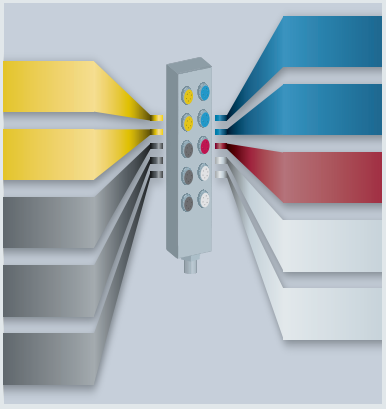
Aesthetically pleasing - Optional colors
Our sleek panel is available in any RAL color using wet paint process (optional)



Strong Decotherm® steel panel
Due to the special layering process used to construction the panel

Patented noise reduction pads
Cushions the panel for quiet operation

Built-in light grid
Protects personnel and goods from contact with the door



Convenient installation
The Smart Start™ NXT NEMA 4X control box includes color-coded plug-in wiring

Steel Ranger™ 9000 LS low speed
Economically priced for low cycle areas matches aesthetics of the high speed models

Features

Door type	SR 9000 L	SR 9000 LH Low Headroom	SR 9000 LS Low Speed
Suitable application	Interior or exterior	Interior or exterior	Interior or exterior*
Track configuration			
Vertical - aluminum 4" w x 3" proj.	●	-	●
Low headroom - aluminum 4" w x 3" proj.	-	●	-
Size range			
Max. width x height	16'0" w x 14'0" h or 21'0" w x 10'8" h	21'0" w x 9'0" h	16'0" w x 14'0" h or 21'0" w x 10'8" h
Min. required headroom std.	27"	18-1/2"	27"
Min. required headroom w/hood	32"	21-1/4"	Consult factory
Operating speeds			
Max. opening (in/s)	45	45	8
Closing approx. (in/s)	20	20	8
Resistance to windload in closed position			
Panel in closed position	Consult factory	Consult factory	Consult factory
Thermal insulation without vision			
U-value (metric) in W/(m²·K)	0.73	0.73	0.73
U-value (imperial) in BTU/(h·ft²·°F)	0.13	0.13	0.13
Panel			
11/16" thick x 4.3" high Decotherm® 29 ga. steel slats with polyurethane core covered with triple layered skin	●	●	●
Wet coat paint (specify RAL color number) one or both sides of panel	○	○	○
Patented noise reduction pads on interior side	●	●	○
Vision			
5.9" wide x 2.16" high double-pane polycarbonate rectangular windows	○	○	○
Hood - galvanized	○	○	○
Thru beam photoeye	-	-	●
Light grid built into tracks	●	●	○
Control			
Smart Start™ NXT NEMA 4X (3-phase, 208 v to 575 v)	●	●	-
Step-up transformer	○	○	-
HFCB NEMA 3 Smart Start™ NXT (1-phase, 230 v only)	○	○	-
Gear head operator w/ constant contact push button (1-phase, 115 / 230 v or 3-phase, 208 v to 575 v)	-	-	●
Emergency opening			
Chain hoist	●	●	●
Hand crank	○	○	○