



Parking Focus — High Performance Doors

Rigid and fabric models
for parking decks, office buildings and automated parking systems

HÖRMANN

Hörmann High Performance Doors

Parking applications defined by aesthetics, reliability and functionality





Essential for modern parking applications

Fast opening and closing speeds of doors at entrances and exits are essential for optimizing traffic flow, energy control and security in parking applications. Common installations include: office buildings, condominiums, government and law enforcement buildings, sally ports, banks, armored car facilities and secure urban parking areas.

Whether rigid or fabric, Hörmann High Performance Doors has a high-speed roll-up door model that will easily fit into new construction or renovation. We have designs that accommodate low headroom requirements, the norm for many parking garages.

Aesthetically pleasing and highly functional

We understand that looks and functionality are the perfect combination. The Speed-Guardian™ 5000 is characterized with an elegant Micrograin™ surface on the exterior, standard color RAL 9006. Wood grain surface imprints are optional in shades of oak, cherry or maple. Vision slat options include: clear, perforated or tinted. The Steel Ranger™ 9000 L is constructed with extremely strong, durable and attractive insulated Decotherm® 29 gauge steel panel slats, standard color: RAL 9006. Both of these rigid door models offer optional RAL paint colors to match any building color scheme. Fabric models like the Speed-Master® 1600 L and the Park-King™ rubber door are flexible and resistant to impact and abusive environments.

Global leader

As a global leader, Hörmann has 100 locations (factories and distribution) located in more than 40 countries and is dedicated to innovation, quality and customer service. Hörmann doors are installed worldwide in many industries; See the automated parking garage installation at the Conrad Hotel, Dubai on page 6.

Speed-Guardian™ 5000 and Steel Ranger™ 9000L

Rigid models maximize aesthetics and security

Speed-Guardian™ 5000

The galvanized, double-skinned sections with PU rigid foam infill offer an especially high level of thermal insulation. The exterior is characterized by the fine Micrograin lines, on the interior the sections are Stucco-textured. The doors are supplied as standard in RAL 9006. Optional RAL paint colors are available to match any building aesthetics. A standard light curtain is integral with the guide tracks. Streams of light beams shine across the opening and when a beam is interrupted, the door immediately opens, protecting pedestrians and vehicles from harm and drastically reduces the likelihood of damage to the door, saving on maintenance costs.

Vision and track options

Our exclusive Duratec® window glazing guarantees maximum scratch resistance despite heavy use and cleaning. In addition to clear vision slats, all 5000 models have optional tinted / privacy vision slats available: Obscured White or Smoke Gray. Perforated vision slats are also optional and specified when ventilation is desired. A low headroom track configuration is available and requires just 20" of clearance above the door opening.



Fast operating speeds reduce heat and air conditioning loss and promote security



Tinted vision options: Obscured White or Smoke Gray



Track application LH (low headroom)

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 and is for interior mounting only. The low headroom track design is available when applications have limited mounting space above the door opening.



Fast operating speeds control energy costs and prevent unwanted entry

Looks and functionality

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. A standard, built-in light curtain is integral within the low-profile, aluminum guide tracks and protects pedestrians and vehicles from contact with the door.



Sleek Decotherm® panel is available in any RAL color (optional)



Light curtain built into guide tracks prevents door contact with pedestrians and vehicles

Speed-Master® 1600L and TNR Park-King™

Fabric models offer breakaway flexibility

Speed-Master® 1600 L

When security is not required, this high speed fabric door will deliver the efficiency busy parking areas require. A sectional panel design constructed of horizontal aluminum hinges and 90 oz. Bulldog XT panel material allow for easy replacement of individual panels if damaged. Optional panel windlocks are recommended for locations with excessive windload.

Dependable and low maintenance

Design advantages such as zero moving parts within the guide tracks and direct-drive motor, support walk-away dependability. For exterior mounting doors, options like a roll and motor cover along with motor / gearbox heater make it possible to accommodate high traffic, exterior door applications during cold weather. A standard built-in light curtain monitors the closing zone of the door up to a height of 8'0".



High speed efficiency and breakaway at a lower cost point



Options such as roll / motor cover and gearbox heater for exterior mounting



Non-contact protection with built-in light curtain

TNR Park-King™

The Park-King high performance rubber door is the choice model for abusive environments and applications with extreme temperatures. The 1/4" thick black SBR rubber panel has a polyester core weave and maintains flexible in temperature from -40° F to +180° F. A compact, high efficiency helical gear head operator provides fast and reliable springless operation.

Designs for extremely low headroom

Patented low headroom and extra low headroom models accommodate as little as 13" of headroom clearance. Our exclusive NEWGEN® guide and CurtainLok™ system allows for panel impact release from the guide tracks.



Rugged SBR rubber panel provides outstanding performance in abusive environments



Patented low headroom design accommodates as little as 13" headroom



Pivoting aluminum bottom bar (HDLH model only) minimizes impact damage

Automated Parking Systems

Ultimate solutions for entrances and exits

The future of parking

Automated Parking Systems (APS) have been installed in Europe, Asia and Central America since the 1970's while interest in these systems sparked in the U.S. during the 1990's. Although North America is still behind other continents with the number of APS parking spaces, with urban land becoming scarce and more cars on the roads, a renewed interest in APS as an option to traditional multi-story parking garages and lots is imminent.

An APS uses an automated / mechanical system, rather than drivers, to transport cars to and from parking spaces to eliminate wasted space common with traditional parking areas. Retrieval time for a car using an APS is on average two minutes. The concept of APS is all about saving space; to fit the maximum number of cars in the smallest amount of space. This is achieved for various reasons: because the amount of space needed for a person to park a car is much more than that required with an automated system. With an APS, the distance between parking spaces is reduced; no allowance for opening car doors is required; no driving lanes / ramps are needed; overall ceiling height is minimized, and no walkways or elevators are necessary, both because there is no pedestrian/driver traffic in the parking area.

To address possible mechanical failures of the APS, often redundant back-up systems are installed. Replacement parts for the APS may be stocked on-site to eliminate downtime.

Doors for entry and exit transfer areas

Cars enter the APS entry transfer area through door openings equipped with high speed roll-up doors. Once the driver exits the car, pays and retrieves a ticket, the system lifts the car and transports it to a select space within the garage system. The driver retrieves their car by inserting a ticket into an automated terminal. The APS lifts the car from its space and places it in an exit area. A high speed roll-up door opens to allow the driver to exit. Use of high speed roll-up doors instead of rolling steel doors adds to the fast and modern functionality of the overall APS system.

Advantages of automated parking

In addition to space-saving, APS offer many other benefits including: the cars and their contents are more secure since the parking spaces are not accessible; engine emissions are reduced because driving around to locate a space is eliminated; damage like scrapes and dents are eliminated; access for handicap drivers is improved; and shorter construction time, to name a few.



Automated Parking satisfies parking needs of buildings, business districts, airports, campuses



Cars enter through openings with high speed roll-up doors - traffic lights signal when it's safe to enter



Entrance transfer area - car is lifted and transported to parking space



Exit compartment - car positioned to leave

Features

* Interior building installation / mounting only
 ● = Standard ○ = Optional -=Unavailable

Door type	Rigid Models		Fabric Models	
	SG 5000	SR 9000	SM 1600L	Park-King™
Suitable application	Interior or exterior	Interior or exterior*	Interior or exterior	Interior or exterior
Track configuration				
Standard coiling roll-up (C)	●	●	●	●
Low headroom (LH)	○	○	-	●
Size range				
Max. width x height	<u>Model C:</u> 21'4" w x 21'4" h or *24'0" w x 20'0" h <u>Model LH:</u> 16'0" w x 16'0" h	<u>Model L:</u> 16'0" w x 14'0" h or 21'0" w x 10'8" h <u>Model LH:</u> 21'0" w x 9'0" h	14'0" w x 16'0" h	<u>Model HDP:</u> 25'0" w x 10'0" h <u>Model HDLH:</u> 25'0" w x 10'0" h
Min. required headroom standard tracks	36-3/8"	27"	21-1/4"	18"
Min. required headroom low headroom tracks	20"	18-1/2"	-	13"
Operating speeds				
Max. opening (in/s)	80	45	60	30
Closing approx. (in/s)	20	20	30	20
Panel				
1-5/8" thick x 10" high galvanized steel slats with rigid foam infill.	●	-	-	-
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	○	○	-	-
90 oz. / sq. yd. Bulldog XT fabric	-	-	●	-
1/4" thick black SBR rubber	-	-	-	●
Vision				
1-5/8" thick x 10" high double-pane with Duratec® glazing	○	-	-	-
5.9" wide x 2.16" high double-pane polycarbonate rectangular windows	-	●	-	-
Two full-width x 30" high each PVC	-	-	●	-
16" x 16" windows	-	-	-	●
Guide Tracks				
Galvanized steel 12-5/8" w x 12-1/8" proj.	●	-	-	-
Aluminum 4" w x 3" proj.	-	●	-	-
12 ga. galvanized steel 7-1/4" w x 4-1/4" proj.	-	-	●	-
Steel mounting angle 4-1/2" w x 6" proj.	-	-	-	●
Hood - galvanized	○	○	○	○
Thru beam photoeye	-	-	-	●
Light curtain built into tracks	●	●	●	-
Control				
Smart Start™ NXT NEMA 4X (3-phase, 208 v to 575 v)	●	●	●	-
	208 v step up trans incl			
HFCB NEMA 3 Smart Start™ NXT (1-phase, 230 v only)	○	○	○ Up to 10 x 10 only	-
PLC and inverter drive (3-phase, 208 v to 575 v)	-	-	-	●
Emergency opening				
Chain hoist	●	●	●	●
Hand crank	○	○	○	-

* Up to 24'0" w x 20'0" h Model SG 4000 C U 42

Everything you've always wanted in a high performance door, and more

HÖRMANN

German Engineered, American Made

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 garages, transit,

waste management, 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 High Performance Doors, Burgettstown, PA
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In everything we do we strive to minimize energy and use of resources through efficient processes, long-lasting quality and innovative engineering.