



PARKMATIC CAROUSEL

MORE PARKING IN LESS SPACE



ENSO VILLAGE
HEALDSBURG, CA

Parkmatic is a company that designs, manufactures, and constructs fully automated and mechanical parking systems. This technology is designed to combat the growing issue of efficiently managing automobiles in areas where congestion, zoning, and crime are problems and land is scarce and expensive.

At Parkmatic, we believe that our clients can have the best of all worlds- Creative Design, Cost Efficiency, and Exceptional Client Services. Our company is focused on two areas: maximum parking efficiency and the most cost savings for our clients. Therefore, we are continually expanding our knowledge of state-of-the-art techniques and industry practices.

Our people are the key to designing world-class parking systems. Our team of seasoned professionals is large enough to handle major complex projects, yet able to know our clients intimately, listen to their needs and deliver on our promises. We are versatile enough to work on complicated high-rise buildings as well as smaller renovations and everything in between. While our systems are complex, partnering with Parkmatic and getting results is really quite simple:

ONE-STOP SERVICE

- Factory Direct Pricing
- Full-Service Design: prime design management, function design, and structural design
- Parking Management Services
- Parking Access and Revenue Control Systems
- Sustainable Green Design
- Financing Available

INDUSTRY SECTORS

Parkmatic lends itself to each owner's or architect's vision. Our firm's diverse industry sector experience with all types and sizes of building structures, both national and international, brings unique insight and innovative solutions to each project.

CURRENT INDUSTRY SECTORS

- Education/Higher Education
- Mid and High-rise Residential
- Government/Municipal
- Mixed Use
- Hospitality/Gaming Resort
- Hospitals
- Office Towers
- Airports
- Stadiums
- Parking Structures

OUR PRODUCTS



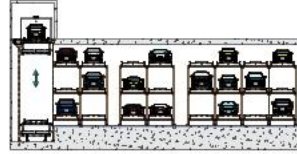
CAROUSEL

Parks up to sixteen vehicles in the space for two. Activated by key, smart card, or key fob, the pallet rotates to retrieve vehicles quickly. PLC ensures fast retrieval and optimal space efficiency.



PUZZLE

Provides multi-level parking with level ground entrances and exits. The pallet moves vertically and horizontally, using an empty slot for movement.



RACK & RAIL

Combines vertical and horizontal movement for efficient parking. Suitable for medium to large-scale buildings, accommodating twenty to several thousand vehicles. Maximizes space with quick entry and exit.



TOWER

An elevator-like system where vehicles move vertically on a pallet and are transferred horizontally for storage. Suitable for medium to large-scale buildings or as a standalone tower. Retrieval time is under two minutes.



DOUBLE STACKER

Double parking space for sedans and SUVs with low-ceiling designs. Configurable for drive-thru operation and suitable for indoor or outdoor installation. Can be used as a showcase for car dealerships.



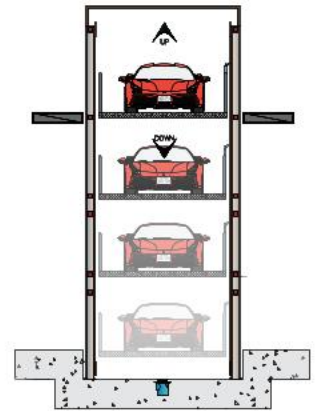
TRIPLE STACKER

Triple parking space with similar features to the double stacker, accommodating both sedans and SUVs. Ideal for low-ceiling indoor applications and configurable for drive-thru operation.



QUAD STACKER

Quad parking space for sedans and SUVs, offering low-ceiling designs and configurable for drive-thru operation. Suitable for indoor or outdoor installation and can be used as a dealership showcase.



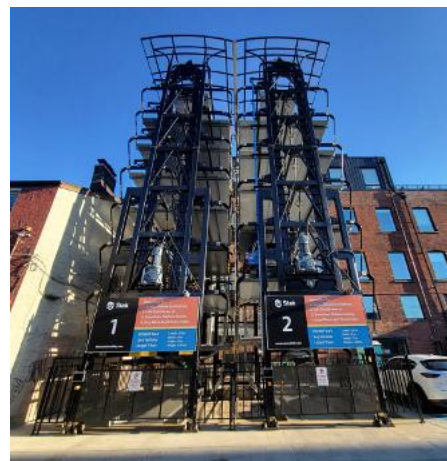
VRC LIFT

A fully automated system designed for vertical design and integration. This system is suitable for medium or large-scale buildings with site constraints that require maximum parking spaces and efficiency.



CAROUSEL

Our innovative carousel design offers the perfect solution to maximize parking in minimal space. It allows up to 16 vehicles to be parked in the space normally required for just 2. There's no need for a parking attendant; simply enter your PIN, scan your FOB key, or use our smartphone app, and the pallet will rotate either clockwise or counterclockwise. The system automatically determines the correct direction based on the space number.



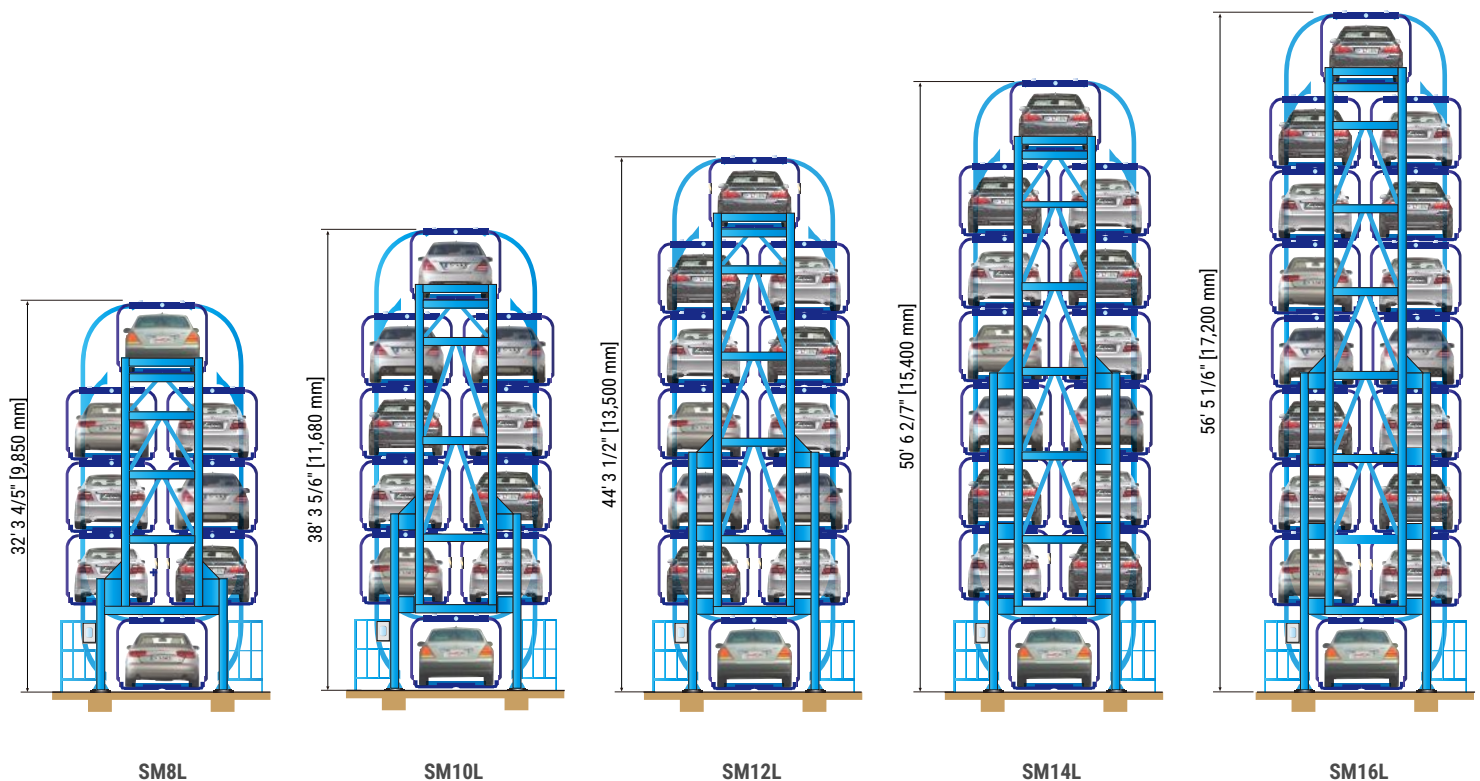
FEATURES AND BENEFITS

- Accommodates up to 16 vehicles within the space normally taken up by two vehicles.
- Not subject to building coverage regulations.
- No attendant supervision is needed due to its simple one-touch operation method.
- Senses when a vehicle is closer and rotates bi-directionally for fast retrieval time.
- Exceptionally safe and reliable.
- Vehicles cannot fall thanks to the durable chain and pallet drop prevention system.

SPECIFICATION

L - SERIES (FOR SEDANS ONLY)

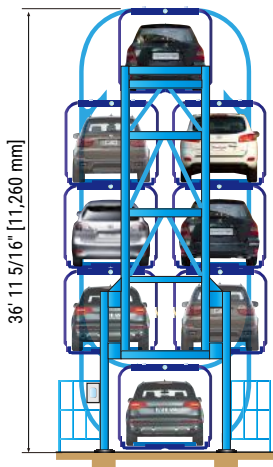
MODEL NO.		SM8L	SM10L	SM12L	SM14L	SM16L
PARKING CAPACITY		8 CARS	10 CARS	12 CARS	14 CARS	16 CARS
SYSTEM DIMENSION	LENGTH	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]
	WIDTH	15' 10 15/16" [4,850 mm]	15' 10 15/16" [4,850 mm]	15' 10 15/16" [4,850 mm]	15' 10 15/16" [4,850 mm]	15' 10 15/16" [4,850 mm]
	HEIGHT	32' 3 13/16" [9,850 mm]	38' 3 13/16" [11,680 mm]	44' 3 1/2" [13,500 mm]	50' 6 5/16" [15,400 mm]	56' 5 3/16" [17,200 mm]
AVAILABLE CAR SIZE	LENGTH	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]
	WIDTH	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]
	HEIGHT	5' 3" [1,600 mm]	5' 3" [1,600 mm]	5' 3" [1,600 mm]	5' 3" [1,600 mm]	5' 3" [1,600 mm]
	WEIGHT	4,740 lbs [2,150 kg]	4,740 lbs [2,150 kg]	4,740 lbs [2,150 kg]	4,740 lbs [2,150 kg]	4,740 lbs [2,150 kg]
GEARED MOTOR		7.5 Kw	7.5 Kw	7.5 Kw	11 Kw	15 Kw
MOTOR CONTROL		INVERTER CONTROL	INVERTER CONTROL	INVERTER CONTROL	INVERTER CONTROL	INVERTER CONTROL
SPEED		10.17~13.78 ft/ min [3.1~4.2 m/min.]			11.81~13.78 ft/ min [3.6~4.2 m/min.]	
AVAILABLE TEMPERATURE RANGE		-40°F ~ +131°F [-40°C ~ +55°C]				
OPERATION		TEN-KEY TOUCH SCREEN TOUCH & RFID				
ELECTRIC POWER SOURCE		AC 415V / 400V / 380V / 220V, 3PH, 50 / 60Hz				
SAFETY DEVICES		• PHOTO SENSORS AT THE FRONT AND REAR FOR DETECTING THE CAR'S LENGTH • PHOTO SENSORS ON BOTH SIDES FOR DETECTING THE CAR'S WIDTH • OVERCURRENT RELAY FOR MOTOR PROTECTION • EMERGENCY STOP DEVICE • OVERRUN STOPPER ON THE PALLET • CAR FALLING PREVENTION DEVICE (DOUBLE GUIDE RAIL)				



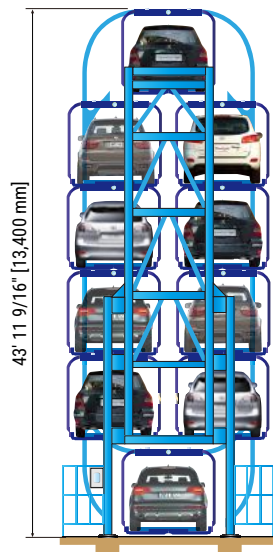
SPECIFICATION

SU - SERIES (FOR SEDANS & SUV)

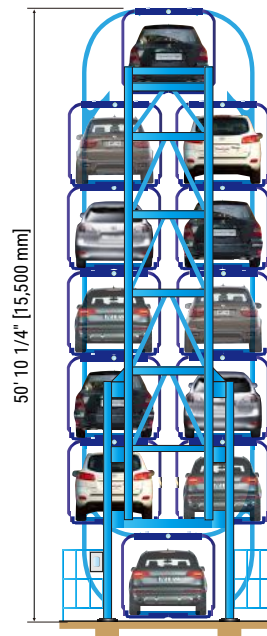
MODEL NO.		SM8SU	SM10SU	SM12SU	SM14SU
PARKING CAPACITY		8 CARS	10 CARS	12 CARS	14 CARS
SYSTEM DIMENSION	LENGTH	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]	20' 10 13/16" [6,370 mm]
	WIDTH	16' 8 13/16" [5,100 mm]	16' 8 13/16" [5,100 mm]	16' 8 13/16" [5,100 mm]	16' 8 13/16" [5,100 mm]
	HEIGHT	36' 11 5/16" [11,260 mm]	43' 11 9/16" [13,400 mm]	50' 10 1/4" [15,500 mm]	57' 5" [17,500 mm]
AVAILABLE CAR SIZE	LENGTH	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]	17' 3/4" [5,200 mm]
	WIDTH	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]	6' 10 11/16" [2,100 mm]
	HEIGHT	6' 2 13/16" [1,600 mm]	6' 2 13/16" [1,600 mm]	6' 2 13/16" [1,600 mm]	6' 2 13/16" [1,600 mm]
	WEIGHT	5,291 lbs [2,400 kg]	5,291 lbs [2,400 kg]	5,291 lbs [2,400 kg]	5,291 lbs [2,400 kg]
GEARED MOTOR		7.5 Kw	7.5 Kw	11 Kw	15 Kw
MOTOR CONTROL		INVERTER CONTROL	INVERTER CONTROL	INVERTER CONTROL	INVERTER CONTROL
SPEED		13.12~16.40 ft/ min [4~5 m/min.]			
AVAILABLE TEMPERATURE RANGE		-40°F ~ +131°F [-40°C ~ +55°C]			
OPERATION		TEN-KEY TOUCH SCREEN TOUCH & RFID			
ELECTRIC POWER SOURCE		AC 415V / 400V / 380V / 220V, 3PH, 50 / 60Hz			
SAFETY DEVICES		• PHOTO SENSORS AT THE FRONT AND REAR FOR DETECTING THE CAR'S LENGTH • PHOTO SENSORS ON BOTH SIDES FOR DETECTING THE CAR'S WIDTH • OVERCURRENT RELAY FOR MOTOR PROTECTION • EMERGENCY STOP DEVICE • OVERRUN STOPPER ON THE PALLET • CAR FALLING PREVENTION DEVICE (DOUBLE GUIDE RAIL)			



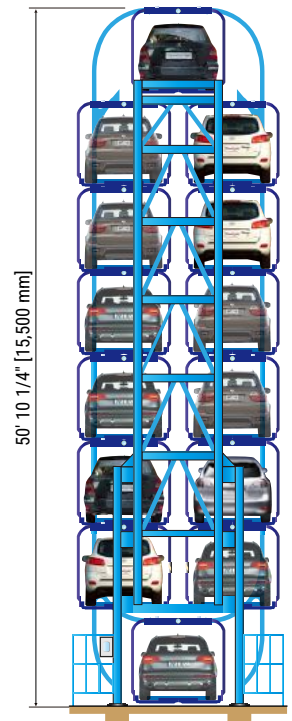
SM8SU



SM10SU



SM12SU



SM14SU



EV CHARGING SYSTEM



DUAL TYPE ADAPTOR CHARGING

The charger features two carbon brushes that facilitate power transfer and ensure continuous charging. These carbon brushes are integral components, providing a reliable connection between the power source and the device. The dual brush design enhances the efficiency and stability of the charging process, making sure that the power is consistently delivered without interruption.

CURVED CONDUCTOR RAIL

The curved conductor rail is designed with a specific radius to allow smooth horizontal and vertical movement. This unique design enables the rail to adapt to various angles and positions, ensuring flexibility and versatility in its applications. The precision-engineered curvature ensures consistent contact and optimal performance, even in dynamic environments.

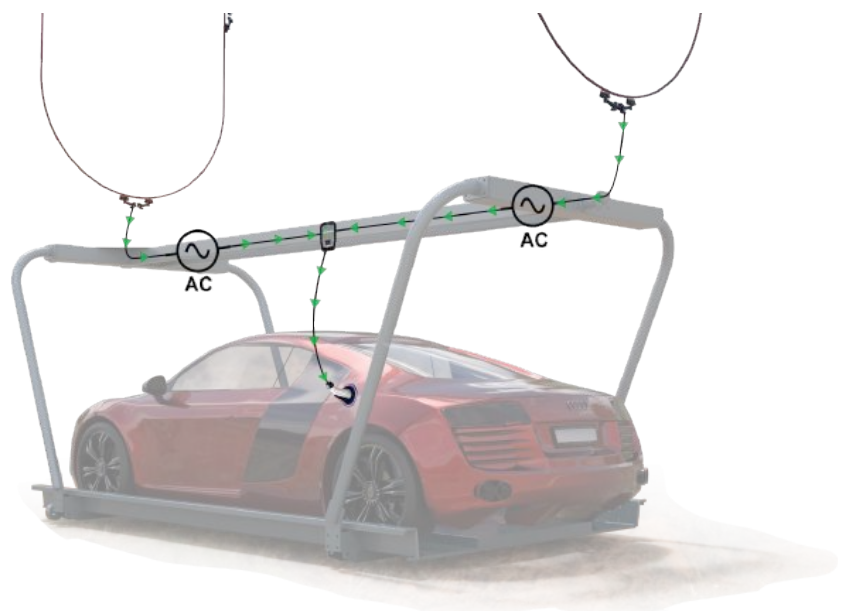
CHARGING STATION

The charger operates in direct contact with the conductor rail to deliver power to the vehicle.

For enhanced safety, the carbon brush line is designed at a height that minimizes exposure.

Additionally, the adaptor is versatile, allowing for separate connections and compatibility with other products.

The connector body is constructed from high-strength plastic, ensuring long-term durability and reliability in various conditions.



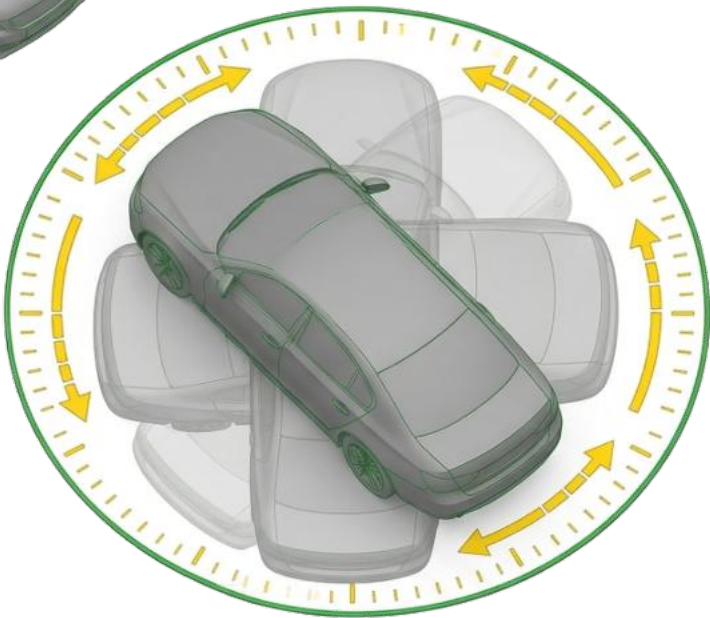
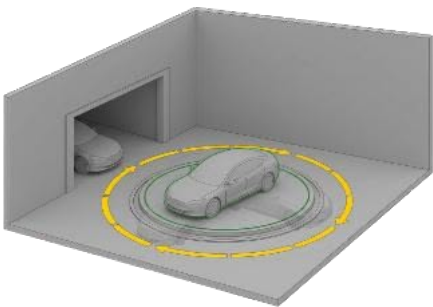
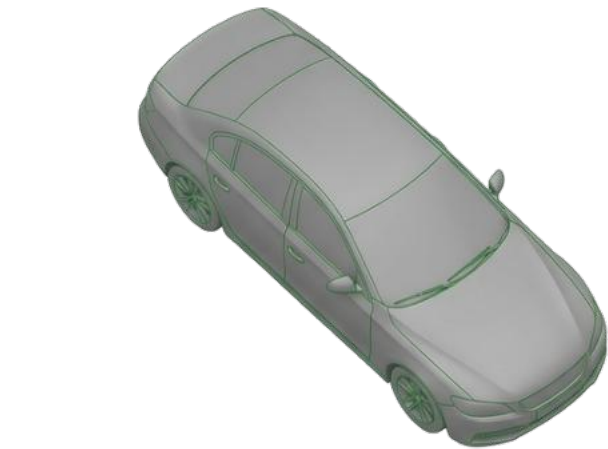
TURNTABLE

TURN TABLE TYPE (DTT)

In response to the ever-increasing challenges of effective space utilization and reduced operating costs, turntables provide architects and property owners with a proven solution for innovative, cost-saving design options.

CHARACTERISTICS AND BENEFITS

- One-touch operation control: convenient and easy to use.
- Capable of rotating both clockwise and counter-clockwise.
- Suitable for indoor and outdoor installation.



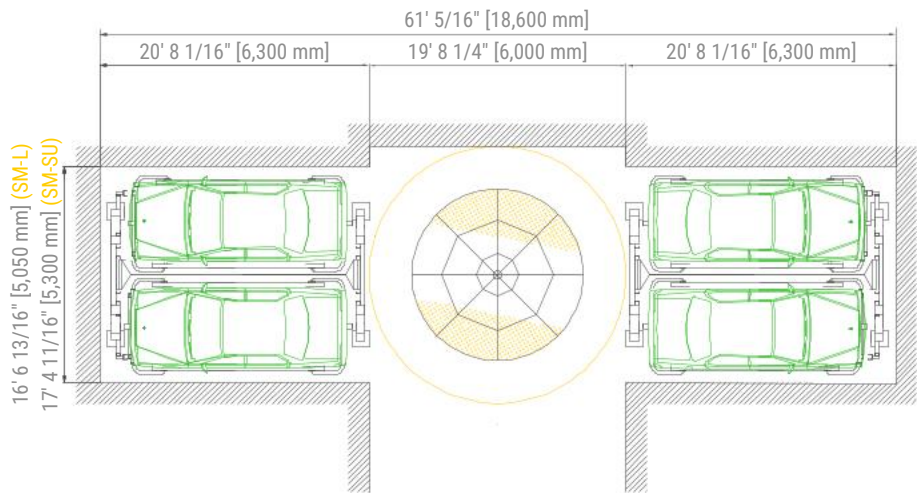
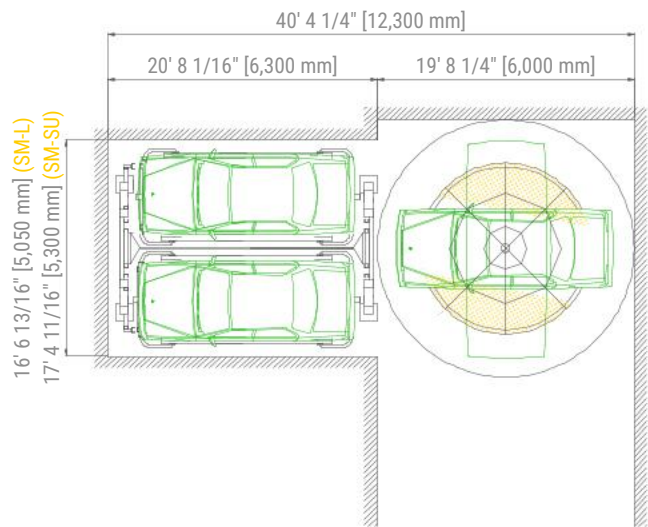
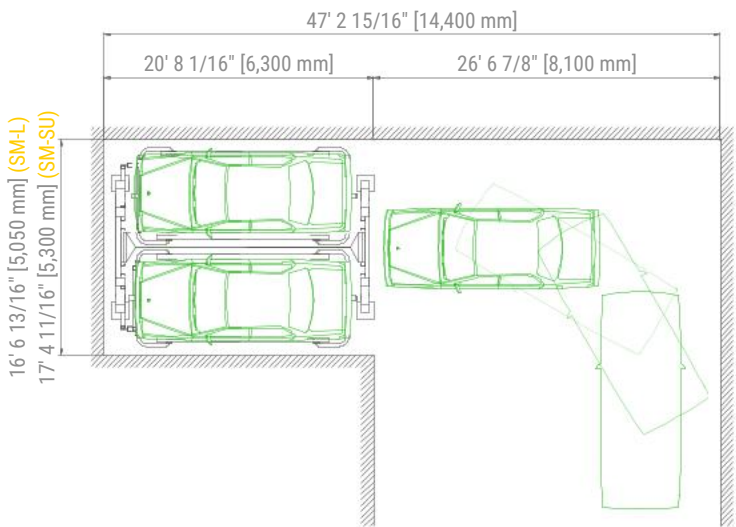
PRODUCT DIMENSION & STRUCTURE	
DIAMETER	The turntable is available in sizes ranging from 20' [6,096 mm] to more than 100 feet [30,480 mm].
TURNTABLE HEIGHT	The total height of the turntable is 4 ½" [114.3 mm], measured from floor level to the top of the turntable. A small steel ramp surrounds the turntable, allowing vehicles to move on and off easily.
DECK CONSTRUCTION	The deck is constructed of steel deck plates.
MODULAR SECTIONS	The turntable is built in modular steel sections, allowing for quick and reliable assembly at the job site, as well as better control over the overall equipment quality.
WHEELS	The steel wheels are tapered to roll with the curvature of the track, creating a smooth and quiet operation, as well as low friction and wear for a long product life.
CENTER SUPPORT	The center support consists of a main steel weldment with a large diameter bearing assembly, designed to support both radial and axial loads.

PERFORMANCE INFORMATION	
ROTATIONAL SPEED	The turntable rotates at either one-half or one-third of a revolution per minute, depending on the diameter. Different speeds are available as an option.
DRIVE DIRECTION	The turntable can rotate in either a clockwise or counterclockwise direction, as desired.
DRIVE SYSTEM	The turntable is driven by one external drive (located outside the turntable diameter) with positive mechanical engagement, housed in an auxiliary drive box.

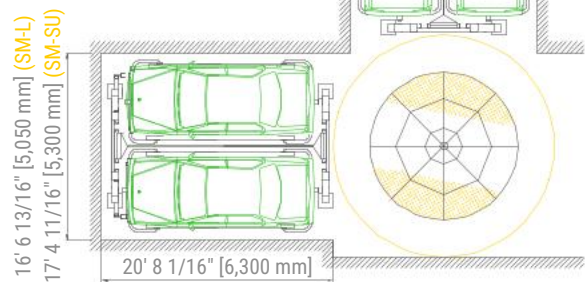
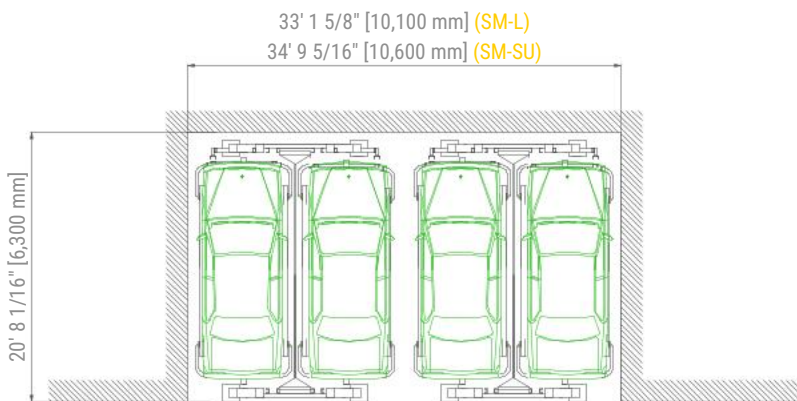
LAYOUT

SM-L (FOR SEDANS ONLY)

SM-SU (FOR SEDANS & SUV)



16' 6 13/16" [5,050 mm] (SM-L)
17' 4 11/16" [5,300 mm] (SM-SU)





**NISSAN HQ,
FARMINGTON HILLS, MI
(3) SM10SU**

**BEVERLY HILLS, CA
(1) SM12SUX**



**HEALDSBURG, CA
(1) SM9SU
(3) SM10SU
(3) SM11L
(3) SM12L**

**PITTSBURGH, PA
(1) SM16L
(1) SM14SU**



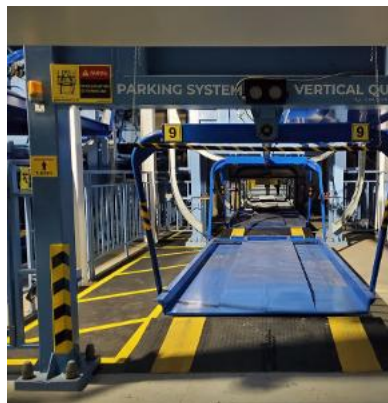
COMPLETED PROJECTS

COLLEGE STATION, TX
(1) SM10SU

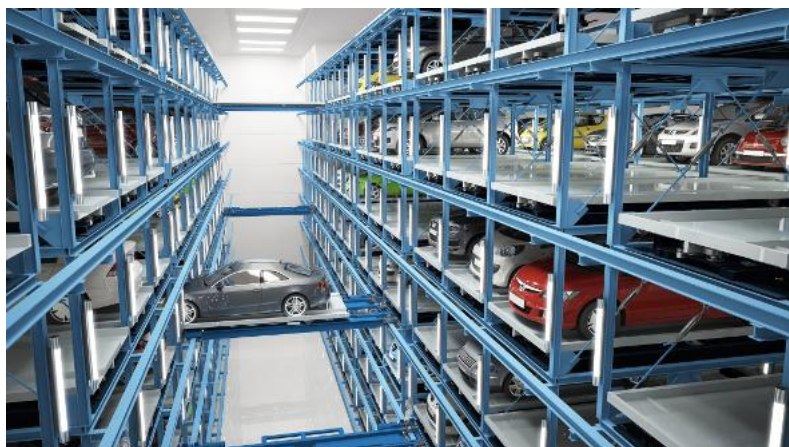


GAINESVILLE, FL
(2) SM13SU

CHARLESTON, SC
(2) SM10L
(1) SM9SU



FLUSHING, NY
(5) SM7L
(5) SM8L



Parkmatic
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