

cityLift

CUSTOMIZED PARKING
SOLUTIONS

TAKE THE
SPACE
OUT OF
PARKING.

ABOUT CITYLIFT PARKING

- Designs, manufactures, installs, and services **automated parking lift systems**
- A unique US company
 - Fully integrated manufacturing operation with over 60,000 spaces installed and
 - 4th year in US; 30 years experience in 13 countries overall
 - Acquired Leimeng Mechanical & Electrical Co., Ltd., the leading Chinese manufacturer with over 58,000 spaces installed and 26+ years of technology experience
 - Broad product range designed for US consumers and US regulations
 - Not a reseller of 3rd party product
 - US investors with deep real estate backgrounds, and
- Over 100 projects in US underway
- Headquartered in Oakland, CA
- US offices in Oakland, Los Angeles and Boston

CITYLIFT'S APPROACH

TODAY

- **CityLift is a technology driven company that is building a one-stop shop** for everything in automated parking
 - **Enabled by an integrated technology backbone** and staffed with experienced professionals
 - **Only firm with integrated capabilities** – from custom design all the way to post-install service
 - Core skills:
 - Product design and engineering
 - Customized manufacturing
 - Software development and parking systems integration
 - Product delivery and installation
 - Monitoring installed systems remotely
 - Servicing

FUTURE

- **Fully integrated into the parking ecosystem** – parking app, parking management systems and autonomous vehicle fleet operators
- **Make it more attractive for developers to build and hold parking assets**
- **Deliver “parking as a service”** – build, own and operate garages for customers
- Expand services in design consulting and parking network optimization
- Grow in the US and internationally

ABOUT CITYLIFT PARKING'S PUZZLE DESIGN

- > Proven technology
 - > 25+ years old
 - > 30,000+ spaces installed by CityLift's manufacturing partner
 - > Highly reliable
- > Features
 - > 2,3,4,5 high options
 - > Single row or tandem
 - > Above ground or in a pit
 - > Independent access to each car
 - > Quick retrieval
 - > Quiet
 - > Frame doubles as building structure
 - > Electrical Vehicle charging option available



Watch 4 Level Puzzle video here:

[Four Level Puzzle](#)

PUZZLE DESIGN: INDEPENDENT ACCESS FOR EVERY CAR

MORE INFO AND VIDEOS: <http://cityliftparking.com/solutions/puzzle-mechanical-parking>

(1) Driver presses fob to access their space and drives their blue car onto lift



(2) Driver leaves and closes gate



(3) Next driver retrieves car from pit space. Note blue car on right was lifted up and tan car on ground level shifted left to open up a space for the car in the pit

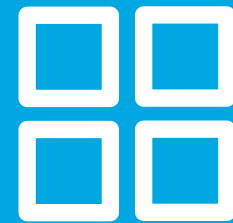


(4) White car comes up from pit and gate opens. Driver gets into white car and drives off



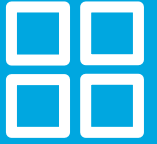
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PUZZLE



SPECIFICATION SHEET

PUZZLE



33 SECONDS

AVERAGE RETRIEVAL TIME

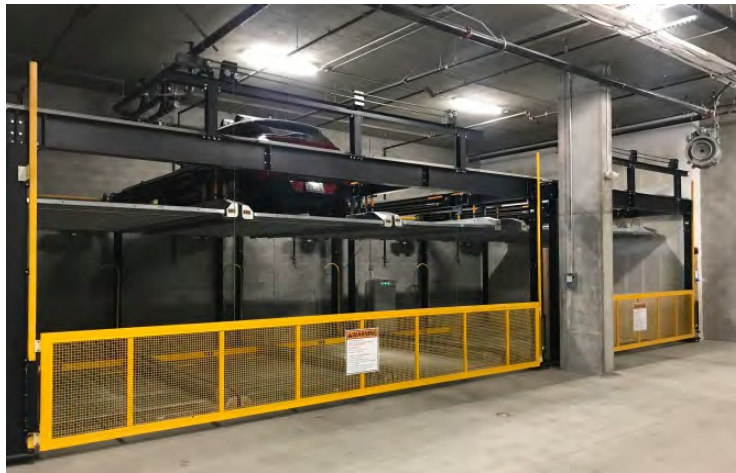
UP TO 7 LEVELS

2 - 7 LEVEL CONFIGURATIONS

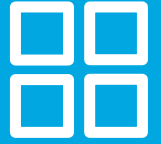
40,000

SPACES INSTALLED

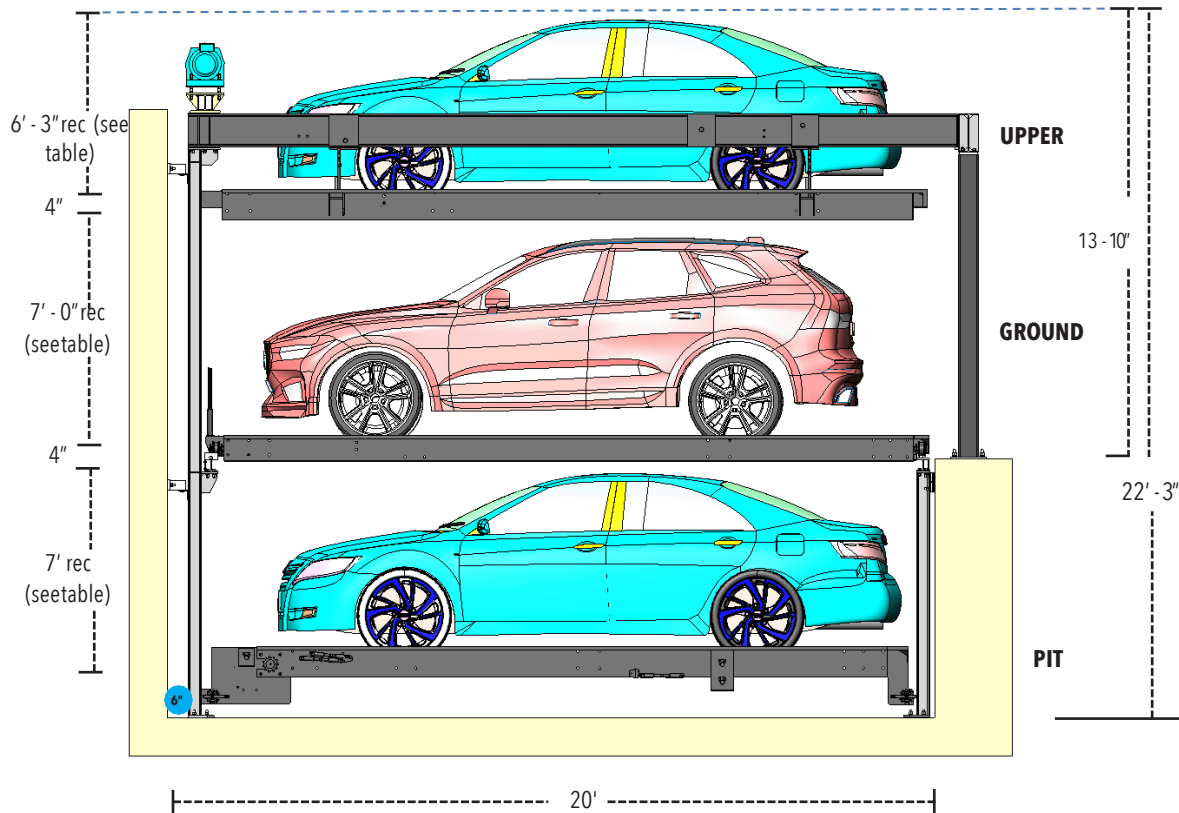
Our most popular and versatile mechanical parking solution is the Puzzle. It comes in 2, 3, 4, 5, 6, and 7-level configurations; with or without pits and is ideal for new construction or retrofits. This mechanical parking lift also works in a tandem configuration without impacting retrieval time. They are widely used in residential, mixed use, and public garages in impacted urban areas. Replacing traditional stackers with the Puzzle can drastically reduce valet costs since each space is independently accessed. The Puzzle can be used indoors or outdoors and requires a minimum clear height of 11' 7 3/4" beginning with the 2 level system.



THREE-LEVEL W/PIT



MODEL NO 3LPWP



CAR SIZES

	LENGTH	WIDTH
UPPER	17' - 0 ^{3/4} "	6' - 10"
GROUND	17' - 0 ^{3/4} "	6' - 6 ^{3/4} "
PIT	17' - 0 ^{3/4} "	6' - 6 ^{3/4} "

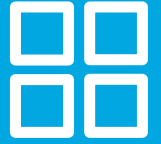
HEIGHT OPTIONS

	RECOMMENDED	MINIMUM
UPPER	6' - 3"	5' - 5"
GROUND	7' - 0"	6' - 3"
PIT	7' - 0"	6' - 6 ^{3/4} "

NOTES:

- Recommended and minimum car heights:
 - SUV: 6' - 3"
 - Sedan: 5' - 5"
- Additional sizes can be customized. See *Car Sizes* page.
- Each dimension has a tolerance of:
 - 6" for length, 6" for width, and 3" for height
- Recommend 4" depressed slab if doing ground level installation for flat driving onto platform
- Usable space dimensions will not change for flat pallets
- 6" needed from back of rear column to face of wall

CAR SIZES



LARGE		MEDIUM		SMALL	
LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH
17' - 0 ^{3/4} "	6' - 10"	16' - 5"	6' - 10"	15' - 9"	6' - 10"
17' - 0 ^{3/4} "	6' - 6 ^{3/4} "	16' - 5"	6' - 6 ^{3/4} "	15' - 9"	6' - 6 ^{3/4} "
NOTAVAILABLE	NOTAVAILABLE	NOTAVAILABLE	NOTAVAILABLE	15' - 9"	6' - 4 ^{3/4} "

NOTES:

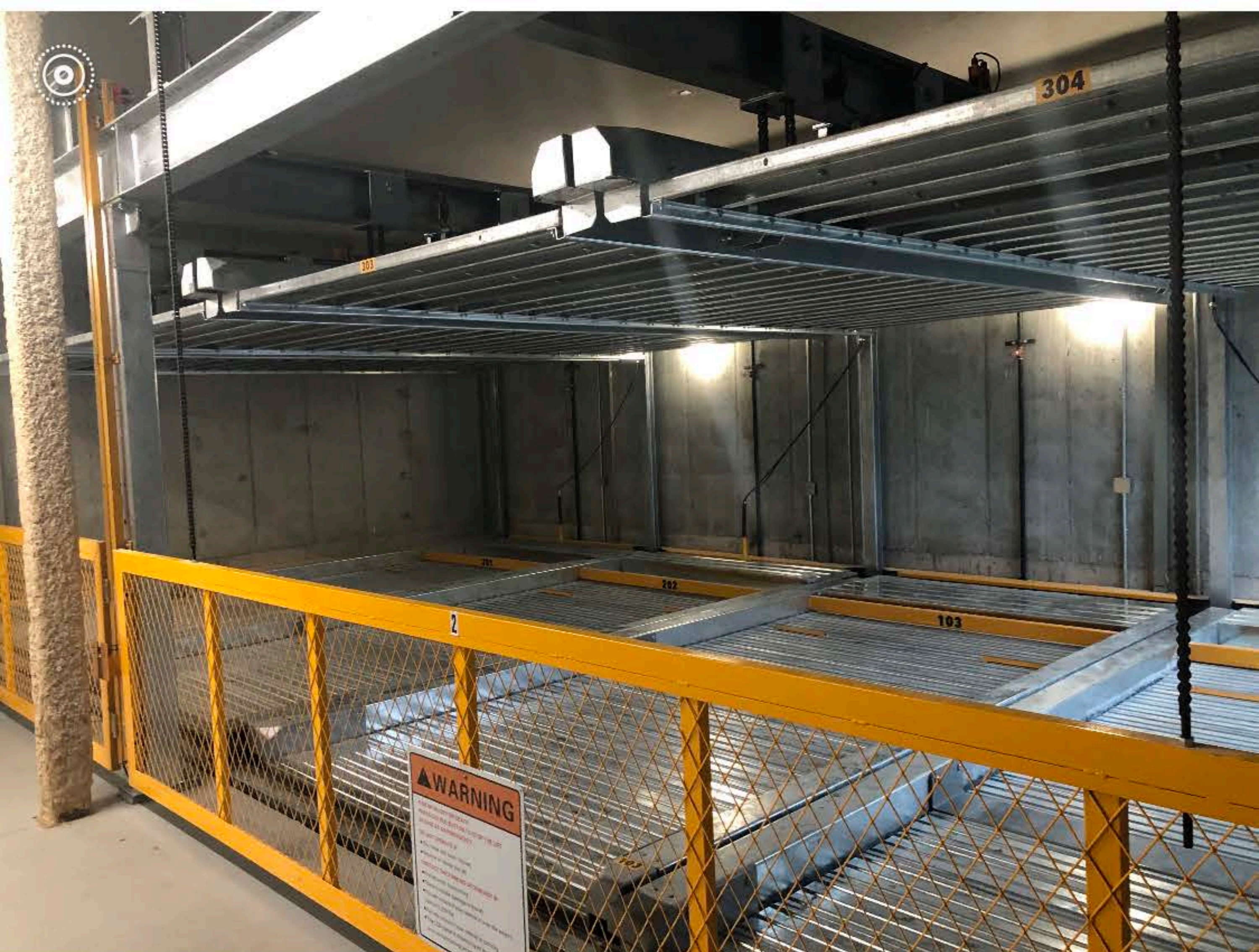
- Recommended car sizes are listed above
- Additional sizes can be customized
- Each dimension has a tolerance of:
6" for length, 6" for width, and 3" for height
- Recommend 4" depressed slab if doing ground level installation for flat driving onto platform
- Usable space dimensions will not change for flat pallets

SAMPLE CAR LIST

LARGE			
BMW 5-Series	Audi Q5	Tesla Model S	Volvo XC60
MEDIUM			
Audi A6	BMW X5	Dodge Durango	Jeep Grand Cherokee
SMALL			
Acura ILX	BMW 3-Series	Honda Civic	Lexus IS

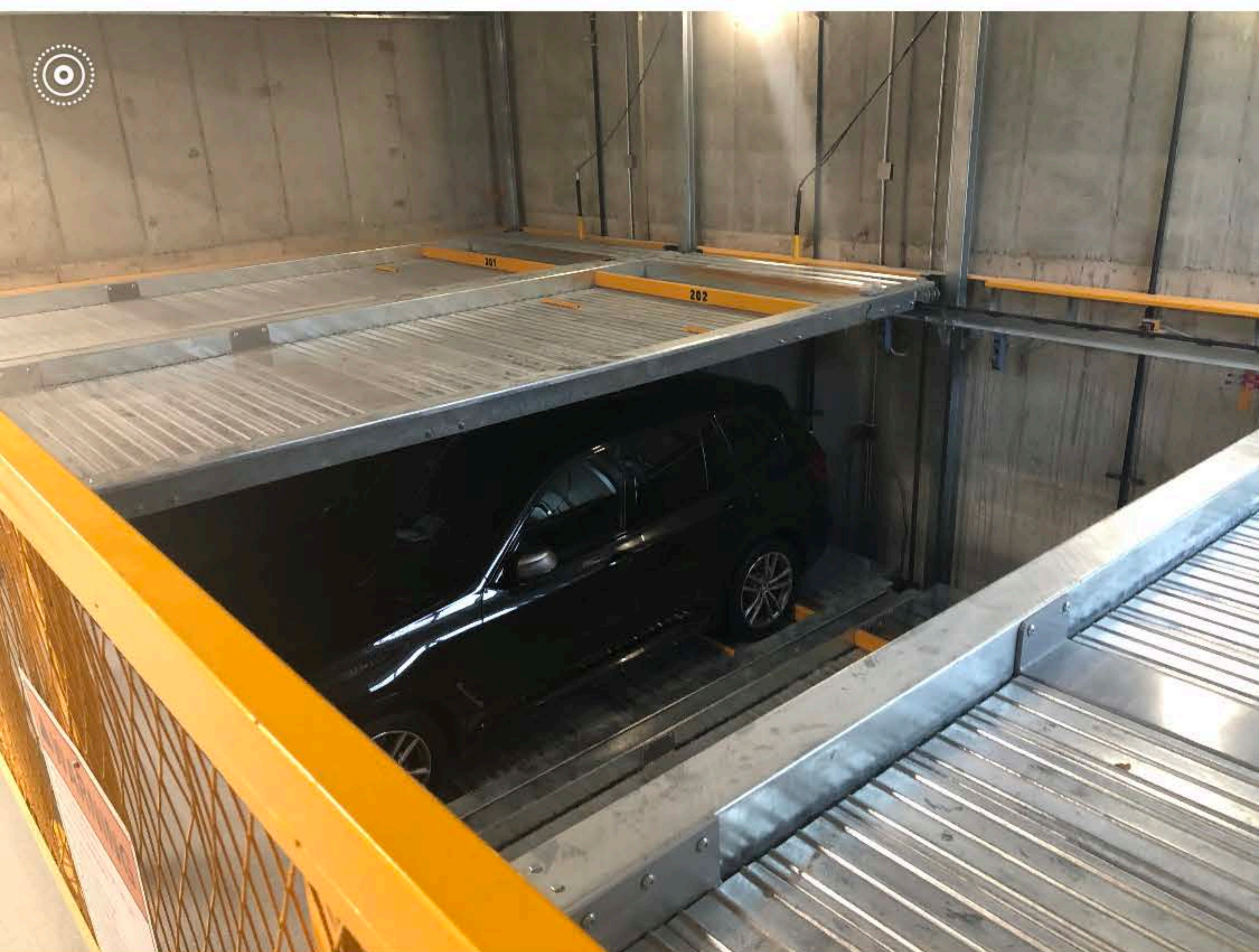
Note: Standard load is 5,200 lbs per vehicle. Heavier loads available. Individual cars should be measured for size fit. Above is a sample list of 2016 model cars that can fit on the different platform sizes given a 6' horizontal clear height. This list is not meant to be comprehensive or exhaustive.















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