

HARP  
SPACE-SAVING PARKING SOLUTIONS



REVOLUTIONIZING PARKING

MORE SPACE, LESS FOOTPRINT, INFINITE  
POSSIBILITIES

[WWW.HARPPARKING.COM](http://WWW.HARPPARKING.COM)

# Key Features of HARP Products

"REVOLUTIONIZING SPACE, REDEFINING PARKING"

## SPACE OPTIMIZATION

Maximizes parking capacity by utilizing vertical space, allowing more vehicles to be accommodated in a smaller footprint.



## COST EFFICIENCY

Reduces the need for extensive land acquisition, lowering overall construction and operational costs



## INCREASED CONVENIENCE

Facilitates easy access and parking for users, often equipped with automated features that simplify the parking process.



## SAFETY AND SECURITY

Offers improved safety for vehicles and users, often featuring controlled access, surveillance systems, and well-lit areas



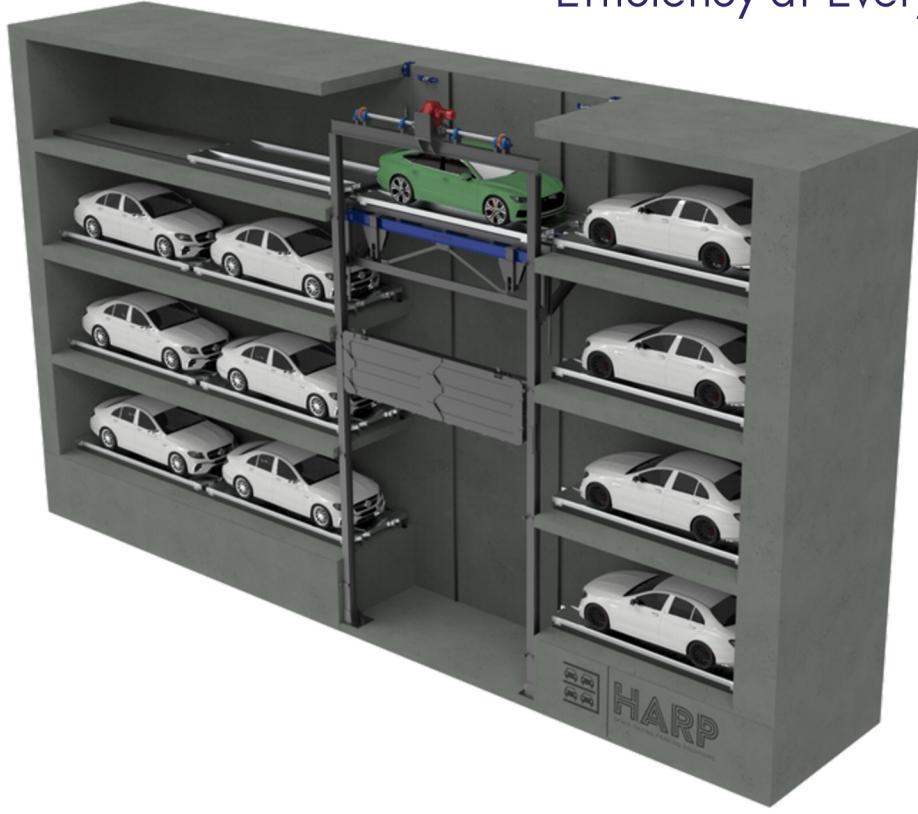
"Dive into Smart Parking – More Space, Less Ground with Pit Parking Precision."



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"Seamless Parking, Zero Stress—  
Efficiency at Every Level."



## INTRODUCTION

HARP Car Parking Systems Private Limited is a pioneering company specializing in the design, manufacturing, installation, and commissioning of cutting-edge automated car parking systems. With an in-house manufacturing facility in Chennai, Tamilnadu, India spread over 16,000 square feet and equipped with the latest imported high-end machinery, we ensure the highest level of precision and quality in every product we deliver.

Backed by over 45 years of expertise in producing high-accuracy products for leading industries, HARP brings unparalleled experience and innovation to the world of automated parking solutions. Our commitment to excellence, efficiency, and advanced technology enables us to provide tailored parking solutions that meet the evolving needs of urban infrastructure.

At HARP, we are dedicated to revolutionizing parking experiences by optimizing space, enhancing convenience, and delivering robust, reliable systems designed for the future.



# PRODUCTS

## BOLT SERIES - DOUBLE STACKER

"Bolt Series - Double Stacker Car Parking System" is an innovative solution designed to maximize parking space efficiency by allowing two vehicles to be parked vertically within the footprint of a single parking spot. Ideal for urban areas with limited space, this system operates with a user-friendly hydraulic or mechanical lift mechanism, enabling vehicles to be parked one above the other safely and securely.

With a focus on space optimization and cost-effectiveness, double stacker parking systems are perfect for residential complexes, commercial buildings, and urban developments looking to accommodate more cars without expanding land use. These systems are engineered for convenience, durability, and safety, making them a reliable choice for modern parking challenges.



"Double the Capacity,  
Half the Hassle  
—Effortless Parking  
Solutions."



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## BOLT SERIES - DOUBLE STACKER



### KEY FEATURES



Hydraulic system



Key Switch



EV Charging (Optional)



Emergency Switch



Car detection Sensor

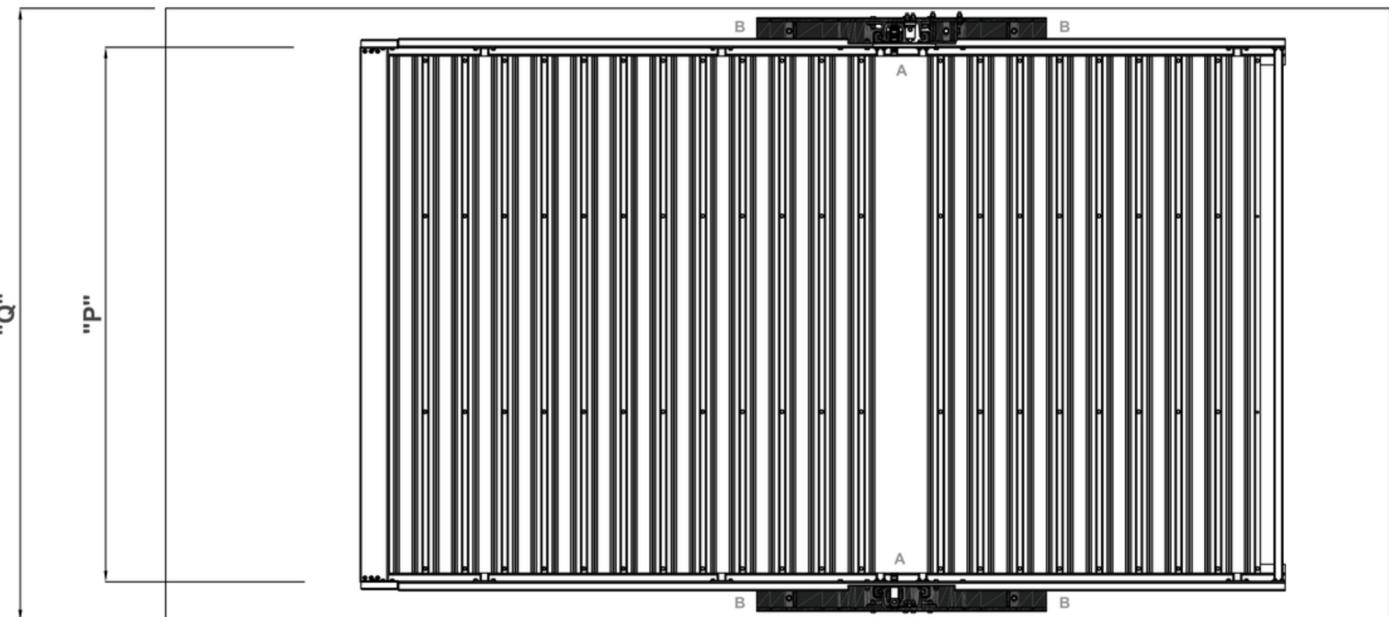
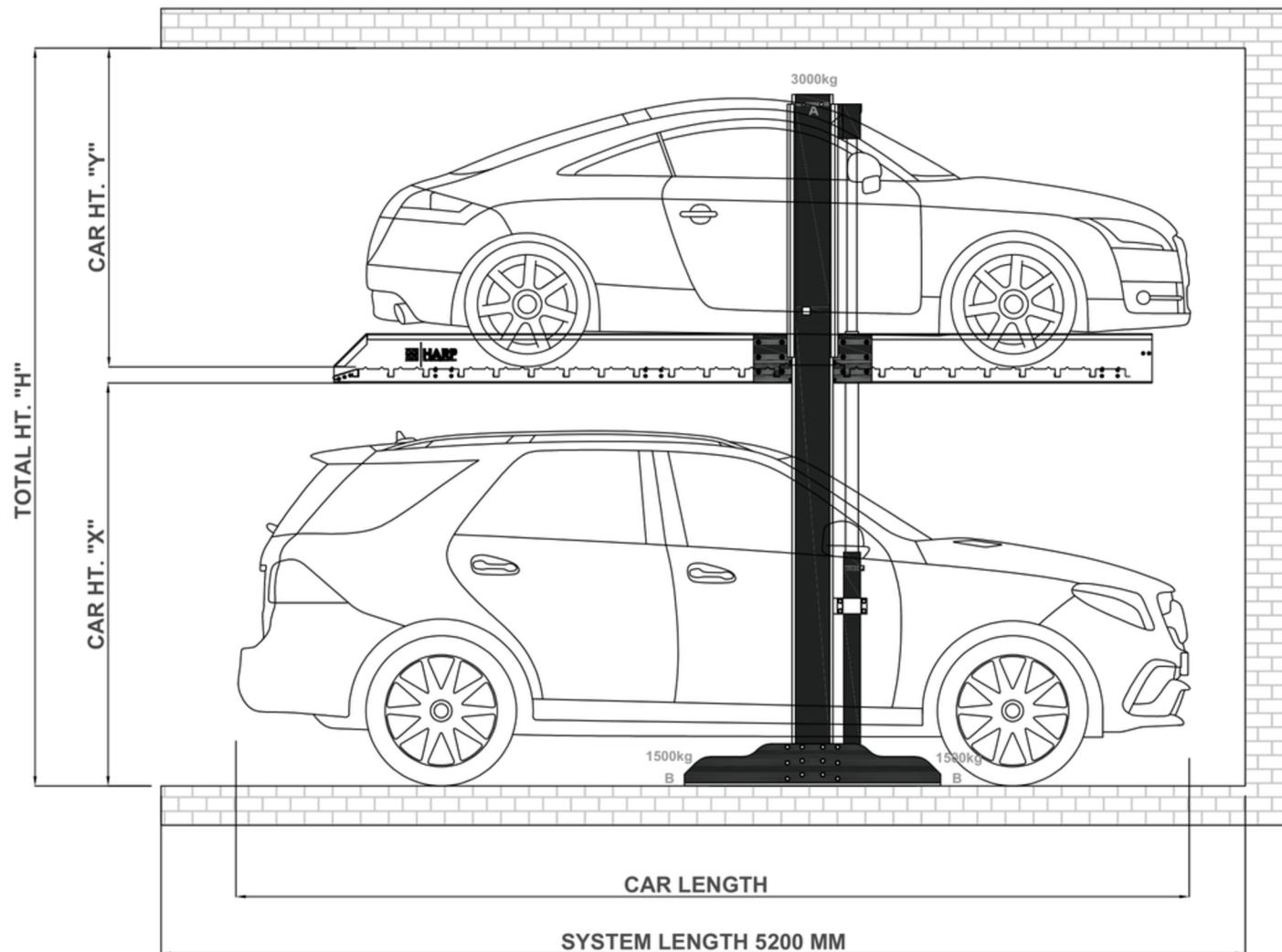


Safety Lock



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# TECHNICAL SPECIFICATION



Bolt Series	Required Height "H"	Lower Car Height "X"	Upper Car Height "Y"	Car Type
BS-32	3200	1500	1500	SEDAN + SEDAN
BS-33	3300	1600		HB + SEDAN
BS-34	3400	1700		TB + SEDAN
BS-35	3500	1800		TB + SEDAN
BS-36	3600	1900		TB + SEDAN
BS-37	3700	2000		SUV + SEDAN
BS-38	3800	1600	SUV + HB	
BS-39	3900	1700	SUV + TB	
BS-40	4000	1800	SUV + TB	
BS-41	4100	1900	SUV + TB	
BS-42	4200	2000	SUV + SUV	

Required Width "Q"	Usable Pallet Width "P"	Car Width (With Mirror)
2250	1900	1600
2350	2000	1700
2450	2100	1800
2550	2200	1900
2650	2300	2000
2750	2400	2100

Loading Capacity	2000kg / 2700kg per car
Lifting System	Hydraulic
Motor	3HP - 3 Phase Induction Motor
Electrical Power	3 Phase, AC 415V, 50Hz
Safety Device	Electromechanical Lock
	Emergency Push Button
	Limit Switch
Optional	EV charging Point
	IR Sensor

# PITPRO - 211



## KEY FEATURES



Hydraulic system



Safety Lock



Level: -1, G, 1, 2



Emergency Switch



Car detection Sensor



Key Switch



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# TECHNICAL SPECIFICATION

Required Height "H"	Pit Height "H1"	Above Ground Height "H2"	Bottom Car Ht. (A)	Middle Car Ht. (B)	Ground Car Ht. (C)	Top Car Ht. (D)	Car Type (A+B+C+D)				
7850	3400	4450	1500	1500	1500	1500	SEDAN	SEDAN	SUV	SEDAN	
7950	3500	4450		1600			SEDAN	HB	SUV	SEDAN	
7950	3600	4350		1700			SEDAN	TB	SUV	SEDAN	
6050	3700	2350		1800			SEDAN	TB	SUV	SEDAN	
8250	3800	4450		1900			SEDAN	TB	SUV	SEDAN	
8250	3900	4350		2000		2000	SEDAN	SUV	SUV	SEDAN	
8550	4000	4550	1600				1600	HB	SUV	SUV	
8750	4100	4650	1700				1700	TB	SUV	SUV	
8950	4200	4750	1800				1800	TB	SUV	TB	
9150	4300	4850	1900				1900	TB	SUV	TB	
9350	4400	4950	2000				2000	SUV	SUV	SUV	

Required Width "W"	Usable Pallet Width "P"	Car Width (With Mirror)
2500	2200	1900
2400	2100	1800
2300	2000	1700
2200	1900	1600

\*Note : For Top Car Usable Pallet Width is (P-100)

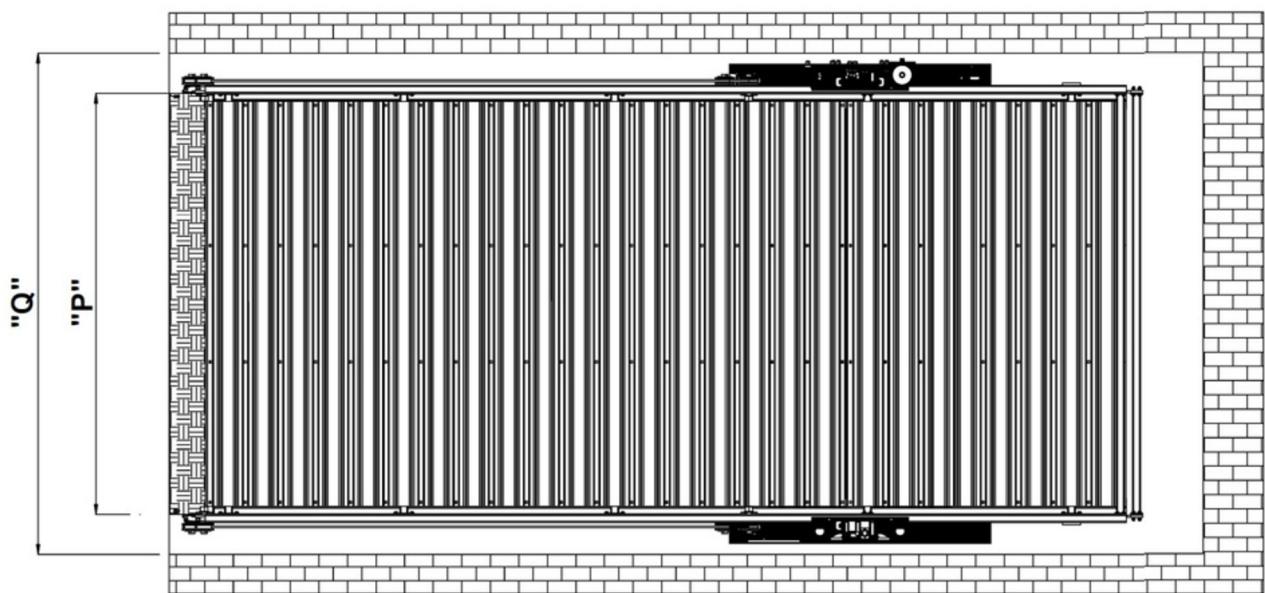
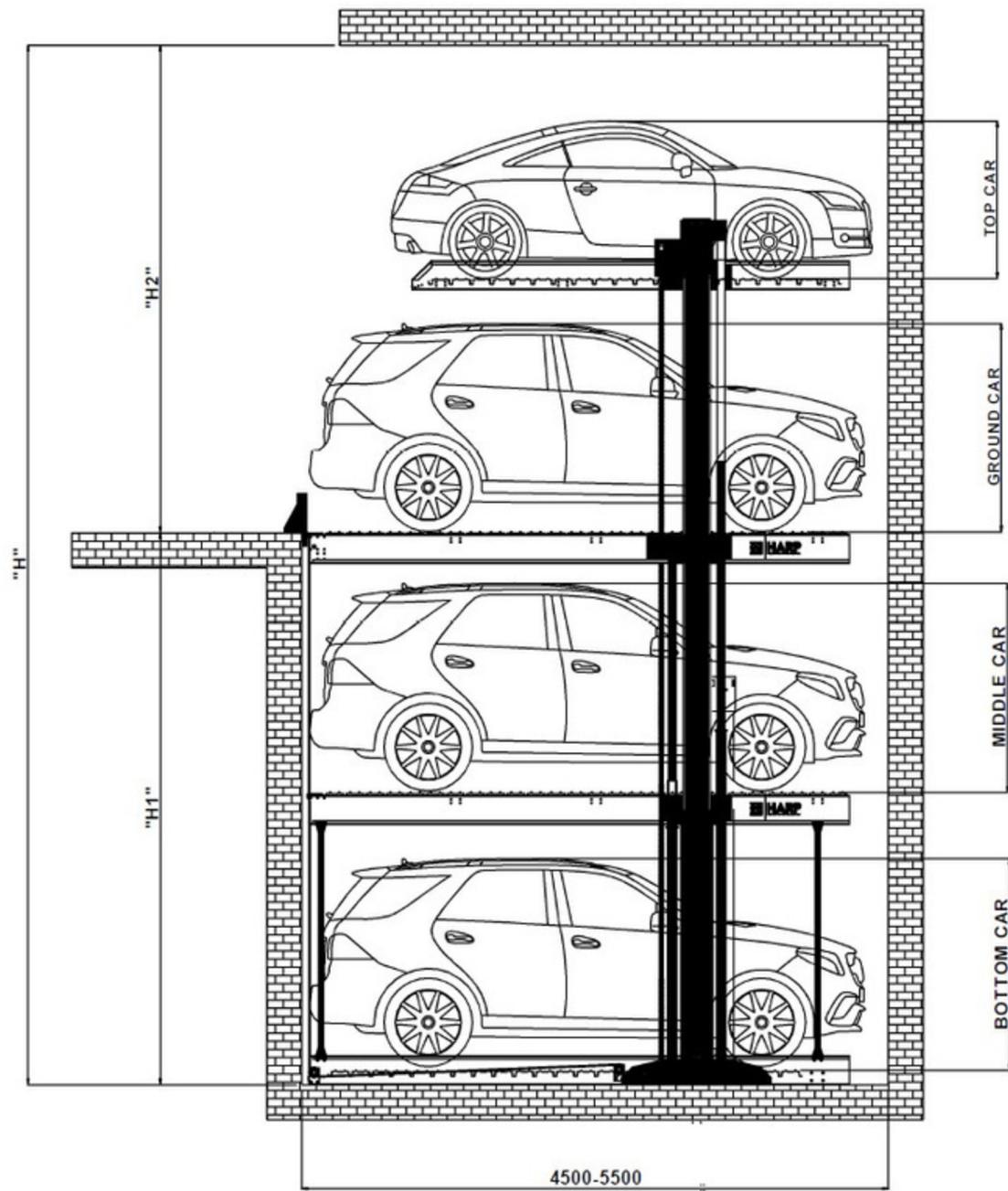
Loading Capacity	2000Kg per car
Lifting System	Electric
Motor	5.5 kW
Electrical Power	3 Phase, AC 415 V, 50Hz
Safety Device	Electromechanical Lock
	Emergency Push Button
	Limit Switch
Optional	EV Charging Point
	IR Sensor





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# PITPRO - 112



## KEY FEATURES



Hydraulic system



Key Switch



Level: -1, G, 1, 2



Emergency Switch



Car detection Sensor



Safety Lock



# TECHNICAL SPECIFICATION

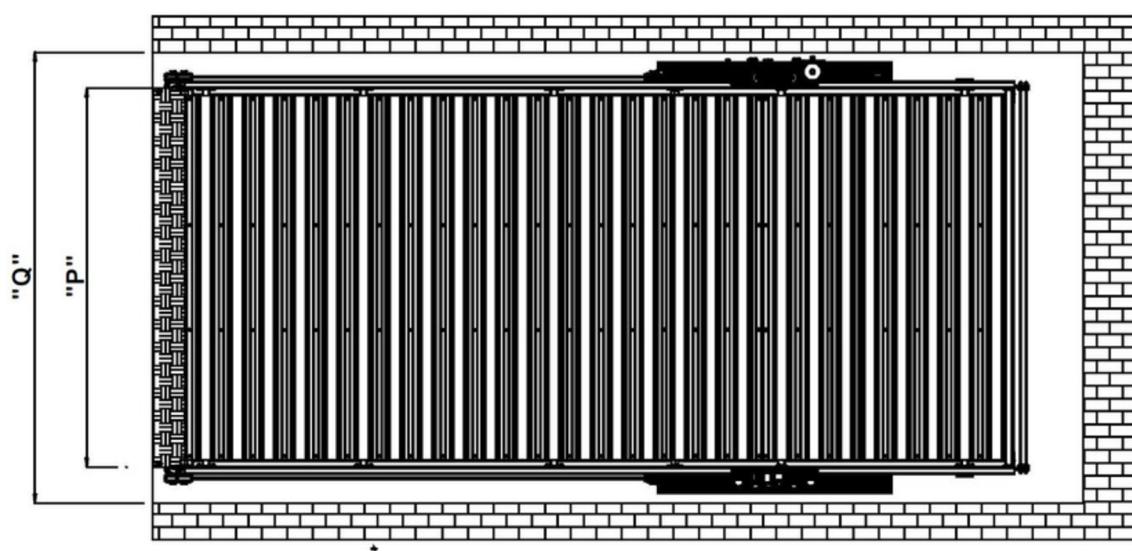
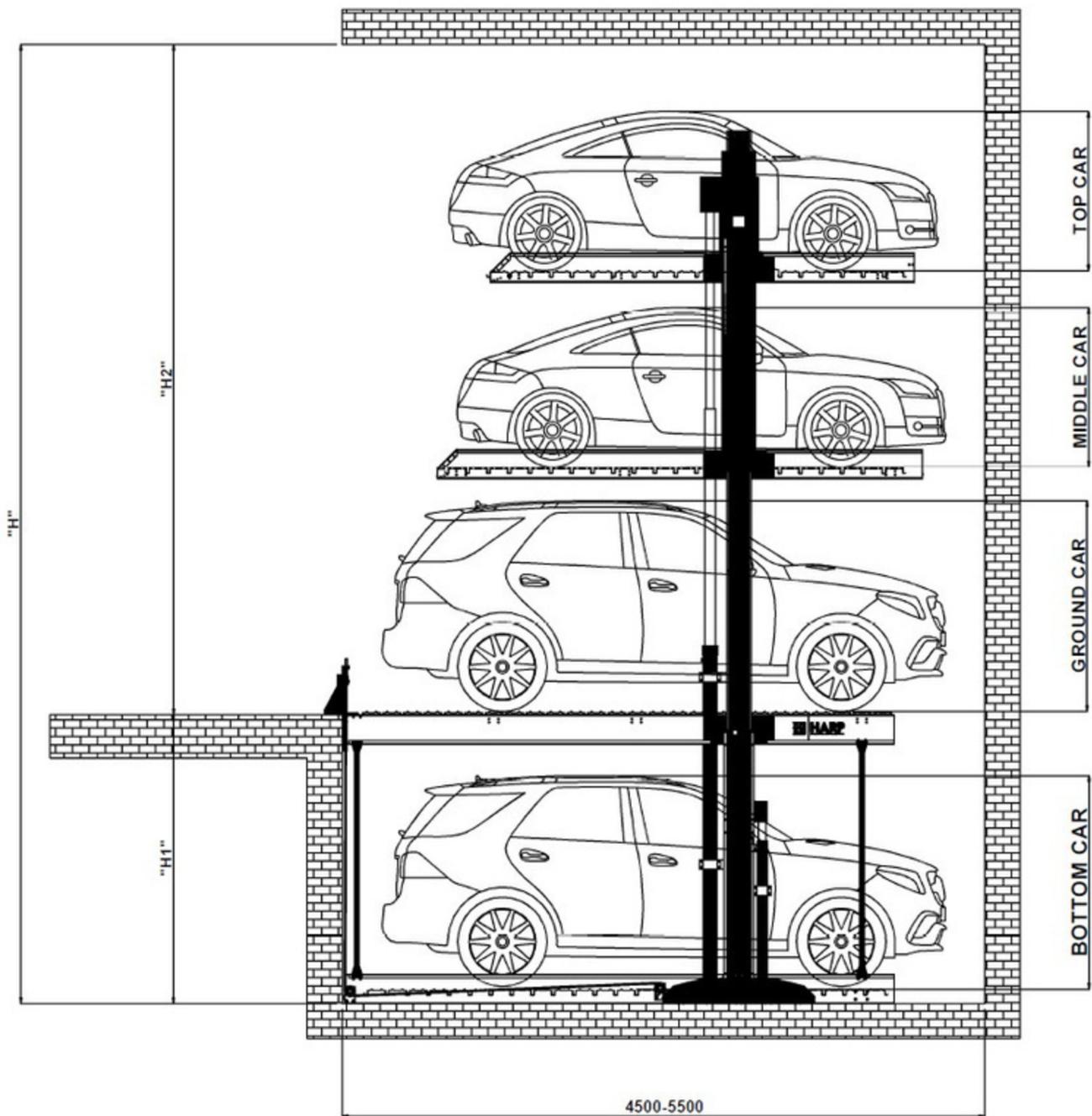
Pit Height "H1"	Above Ground Height "H2"	Bottom Car Ht. (A)	Ground Car Ht. (B)	Middle Car Ht. (C)	Top Car Ht. (D)	Car Type (A+B+C+D)			
2300	5400	1500	2000	1500	1500	SEDAN	SUV	SEDAN	SEDAN
2300	5500			1600		SEDAN	SUV	HB	SEDAN
2300	5600			1700		SEDAN	SUV	TB	SEDAN
2300	5700			1800		SEDAN	SUV	TB	SEDAN
2300	5800			1900		SEDAN	SUV	TB	SEDAN
2300	5900					SEDAN	SUV	SUV	SEDAN
2400	6000	1600			1600	HB	SUV	SUV	HB
2500	6100	1700			1700	TB	SUV	SUV	TB
2600	6200	1800			1800	TB	SUV	SUV	TB
2700	6300	1900			1900	TB	SUV	SUV	TB
2800	6400	2000			2000	SUV	SUV	SUV	SUV

Required Width "W"	*Usable Pallet Width "P"	Car Width (With Mirror)
2500	2200	1900
2400	2100	1800
2300	2000	1700
2200	1900	1600

\*Note : For Top Car Usable Pallet Width is (P-100)

Loading Capacity	2000Kg per car
Lifting System	Electric
Motor	5.5 kW
Electrical Power	3 Phase, AC 415 V, 50Hz
Safety Device	Electromechanical Lock
	Emergency Push Button
	Limit Switch
Optional	EV Charging Point
	IR Sensor





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# PITPRO - 210



## KEY FEATURES



Hydraulic system



Key Switch



Level: -2, -1 & G



Emergency Switch



Car detection Sensor



Safety Lock



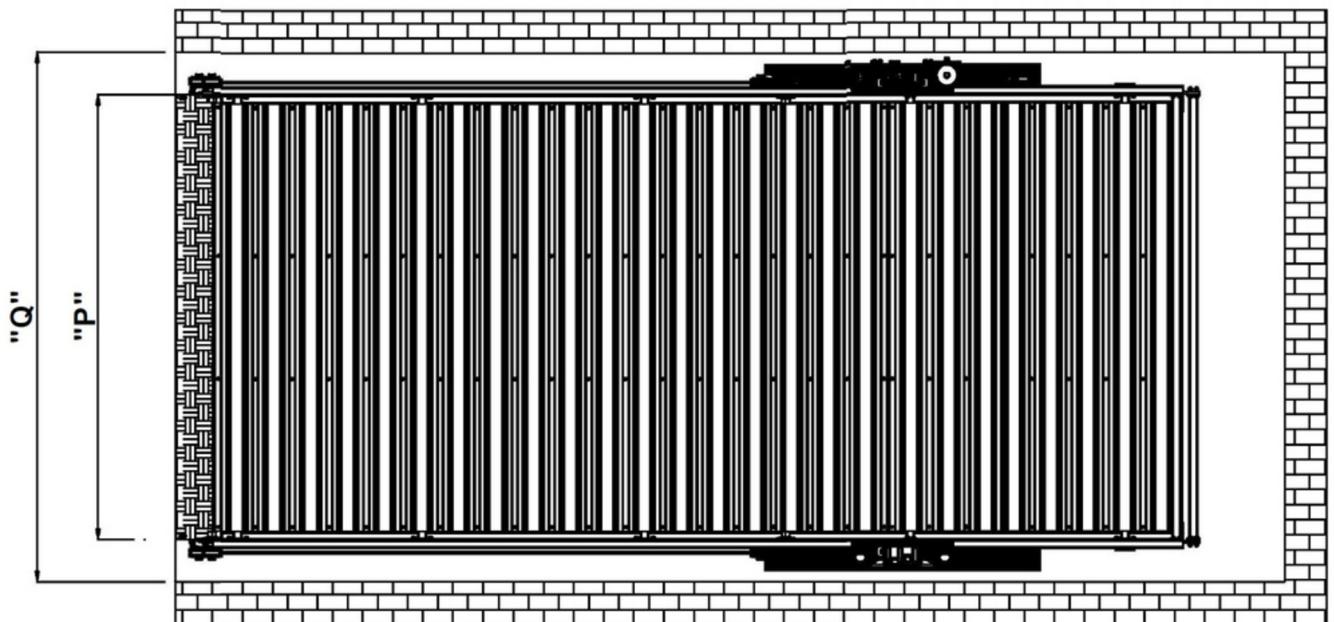
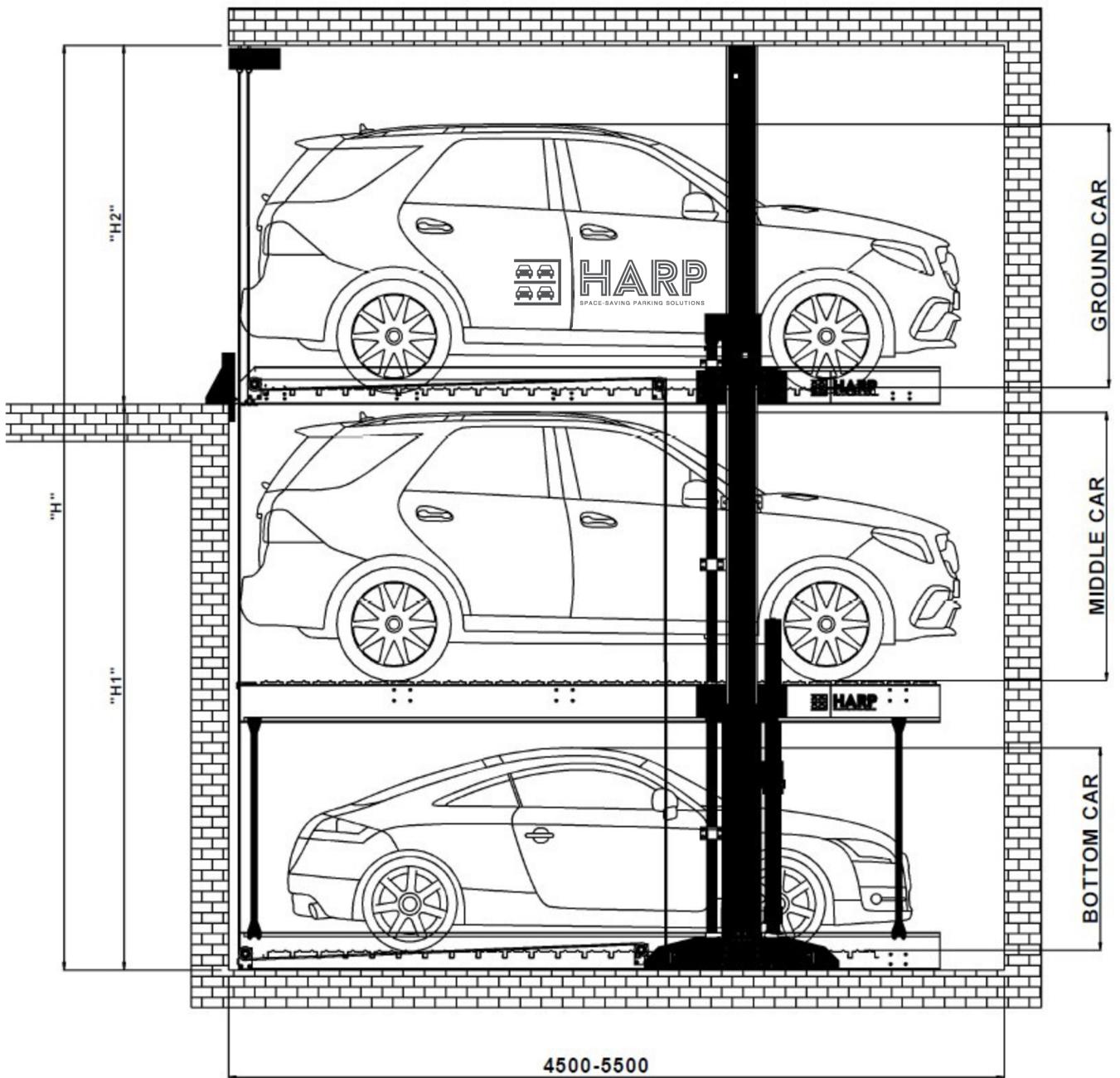
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# TECHNICAL SPECIFICATION

Required Height "H"	Pit Height "H1"	Above Ground Height "H2"	Bottom Car Ht. (A)	Middle Car Ht. (B)	Top Car Ht. (C)	Car Type (A+B+C)		
6250	3400	2850	1500	1500	2000	SEDAN	SEDAN	SUV
6350	3500	2850		1600	2000	SEDAN	HB	SUV
6450	3600	2850		1700	2000	SEDAN	TB	SUV
6550	3700	2850		1800	2000	SEDAN	TB	SUV
6650	3800	2850		1900	2000	SEDAN	TB	SUV
6750	3900	2850		2000	SEDAN	SUV	SUV	SUV
6850	4000	2850		2000	HB	SUV	SUV	SUV
6950	4100	2850		2000	TB	SUV	SUV	SUV
7050	4200	2850		2000	TB	SUV	SUV	SUV
7150	4300	2850		2000	TB	SUV	SUV	SUV
7250	4400	2850	2000	2000	SUV	SUV	SUV	SUV

Required Width "W"	Usable Pallet Width "P"	Car Width (With Mirror)
2500	2200	1900
2400	2100	1800
2300	2000	1700
2200	1900	1600

Loading Capacity	2000Kg per car
Lifting System	Electric
Motor	3 kW
Electrical Power	3 Phase, AC 415 V, 50Hz
Safety Device	Electromechanical Lock
	Emergency Push Button
	Limit Switch
Optional	EV Charging Point
	IR Sensor



# PITPRO - 110



## KEY FEATURES



Hydraulic system



Key Switch



Level: -1 & G



Emergency Switch



Car detection Sensor



Independent System



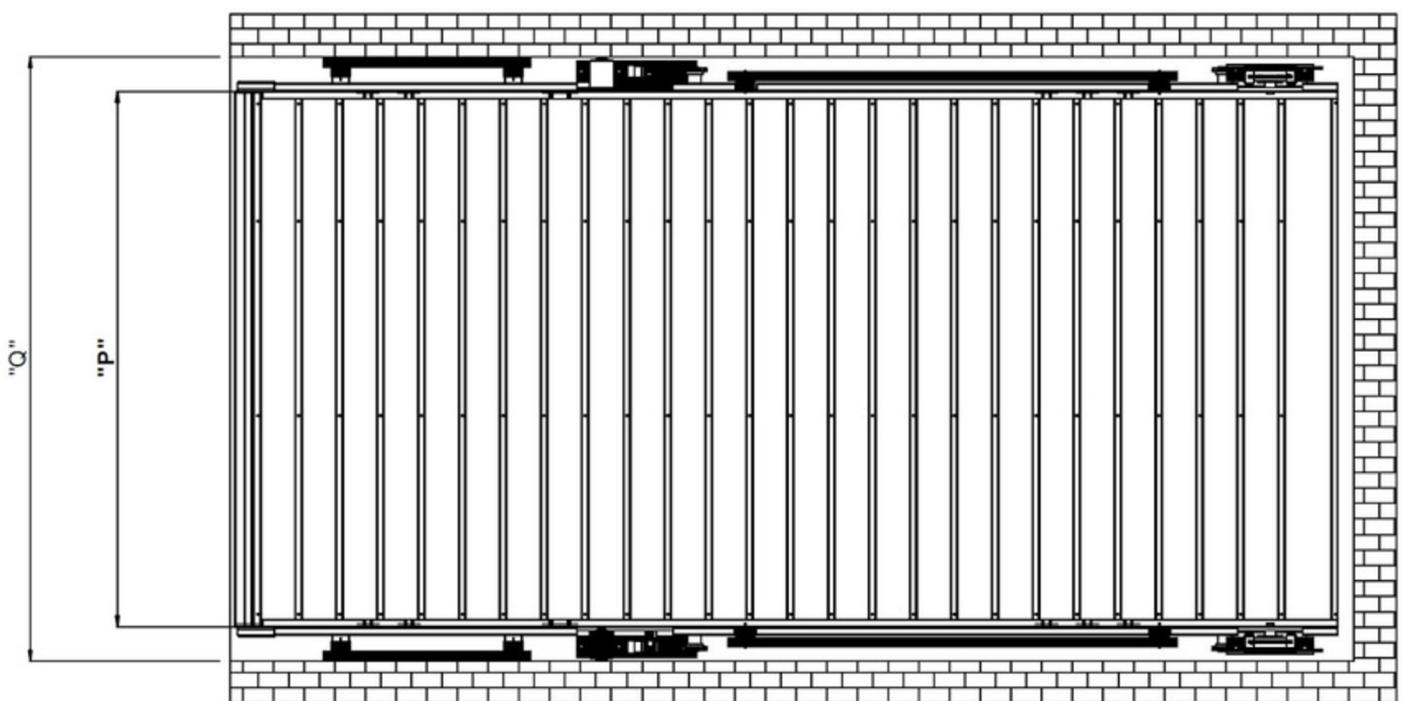
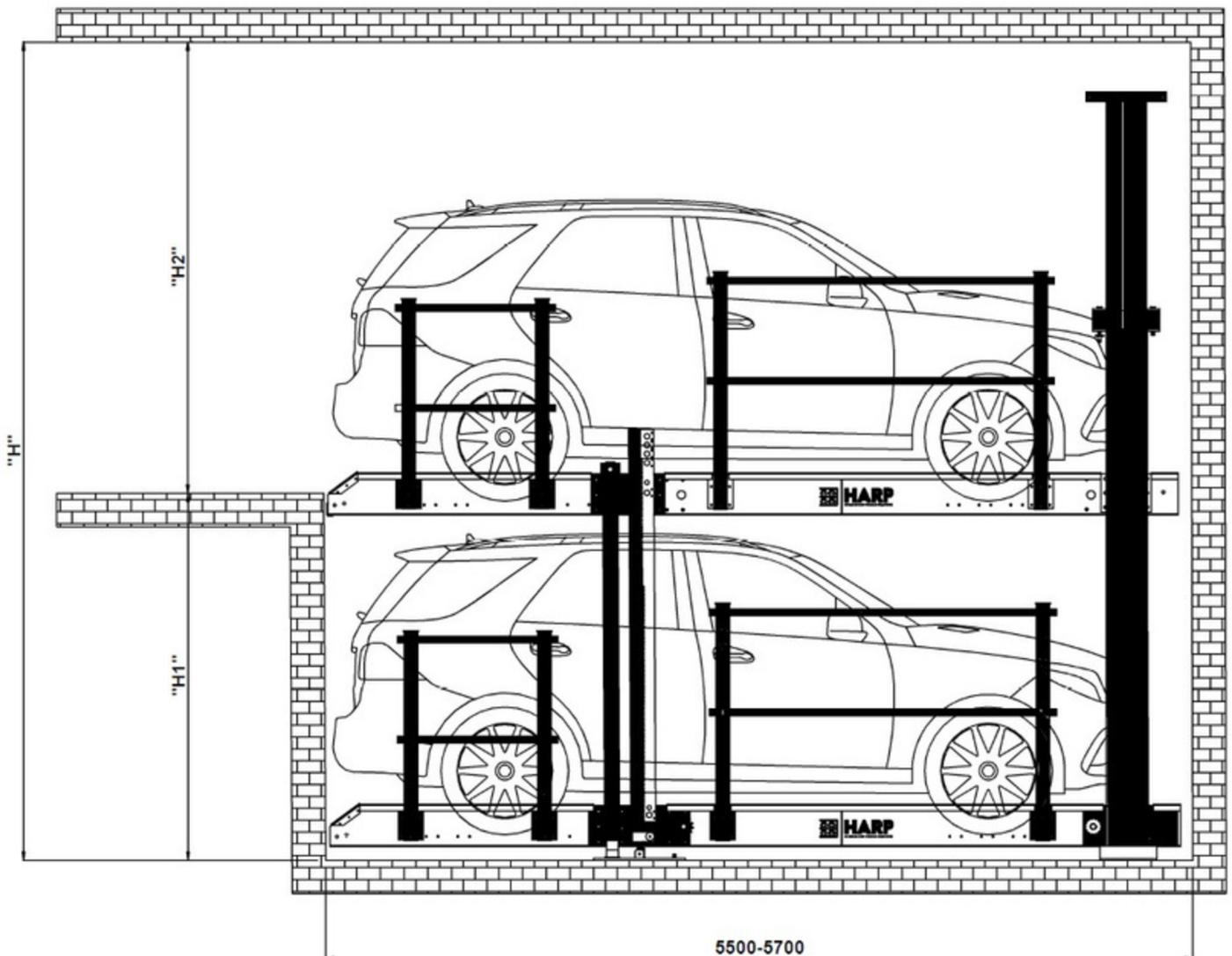
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# TECHNICAL SPECIFICATION

Required Height "H"	Pit Height "H1"	Above Ground Height "H2"	Bottom Car Ht. (A)	Top Car Ht. (B)	Car Type (A+B)	
3400	1700	1700	1500	1500	SEDAN	SEDAN
3500	1700	1800		1600	SEDAN	HB
3600	1700	1900		1700	SEDAN	TB
3700	1700	2000		1800	SEDAN	TB
3800	1700	2100		1900	SEDAN	TB
3900	1700	2200			SEDAN	SUV
4000	1800	2200		1600	HB	SUV
4100	1900	2200		1700	TB	SUV
4200	2000	2200		1800	TB	SUV
4300	2100	2200		1900	TB	SUV
4400	2200	2200	2000		SUV	SUV

Required Width "W"	Usable Pallet Width "P"	Car Width (With Mirror)
2500	2200	1900
2400	2100	1800
2300	2000	1700
2200	1900	1600

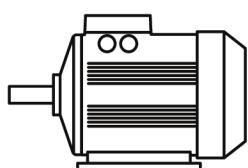
Loading Capacity	2000Kg per car
Lifting System	Electric
Motor	3 kW
Electrical Power	3 Phase, AC 415 V, 50Hz
Safety Device	Electromechanical Lock
	Emergency Push Button
	Limit Switch
Optional	EV Charging Point
	IR Sensor



# PUZZLE PARKING - Park Matrix- Suspended



## KEY FEATURES



Motor Driven



Key Switch



Level: G, +1



Emergency Switch



Car detection Sensor



Customizable



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# TECHNICAL SPECIFICATION

Required Height "H"	Lower Car Height "X"	Upper Car Height "Y"	Car Type
3800	2000	1600	SUV + HB
3700	1900		TB + HB
3600	1800		TB + HB
3500	1700		TB + HB
3400	1600		HB + HB
3300	1500		SEDAN + HB
3200	1500	1500	SEDAN + SEDAN
3300	1600		SEDAN + HB
3400	1700		SEDAN + TB
3500	1800		SEDAN + TB
3600	1900		SEDAN + TB
3700	2000		SEDAN + SUV

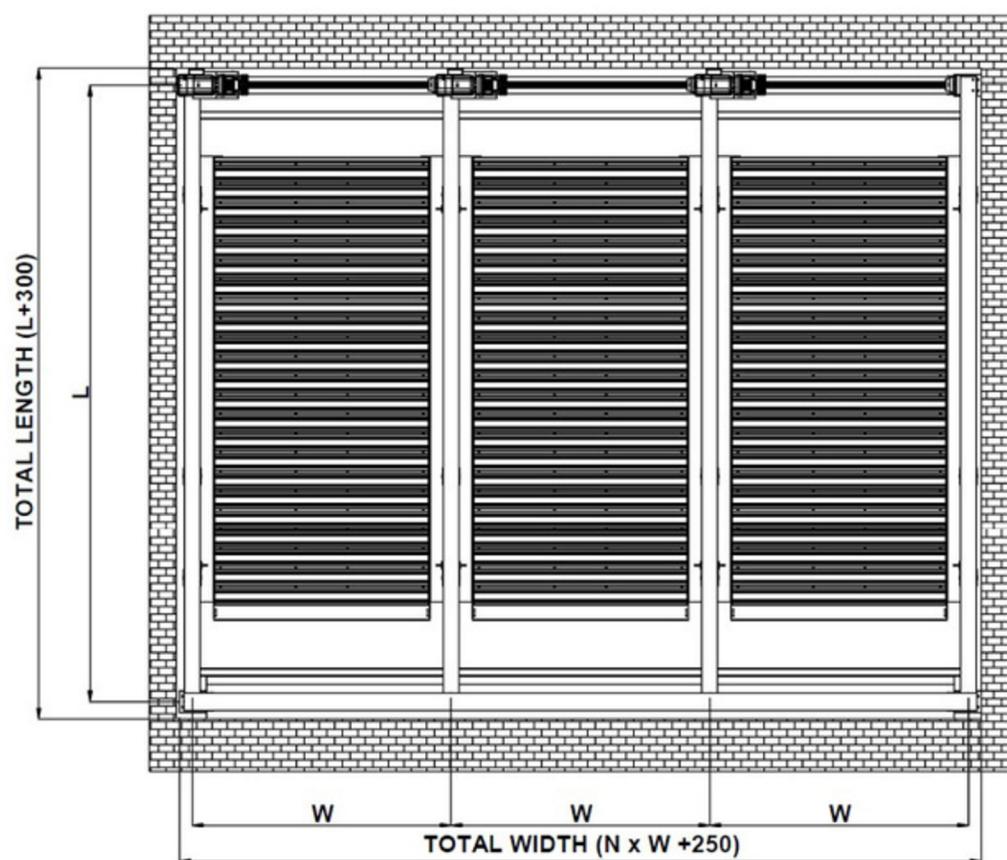
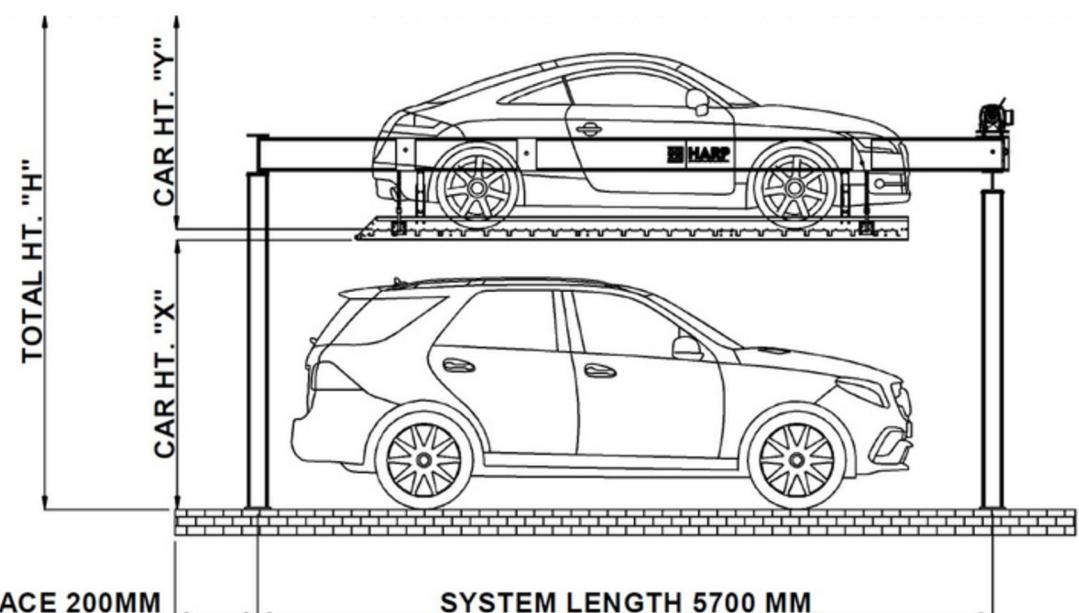
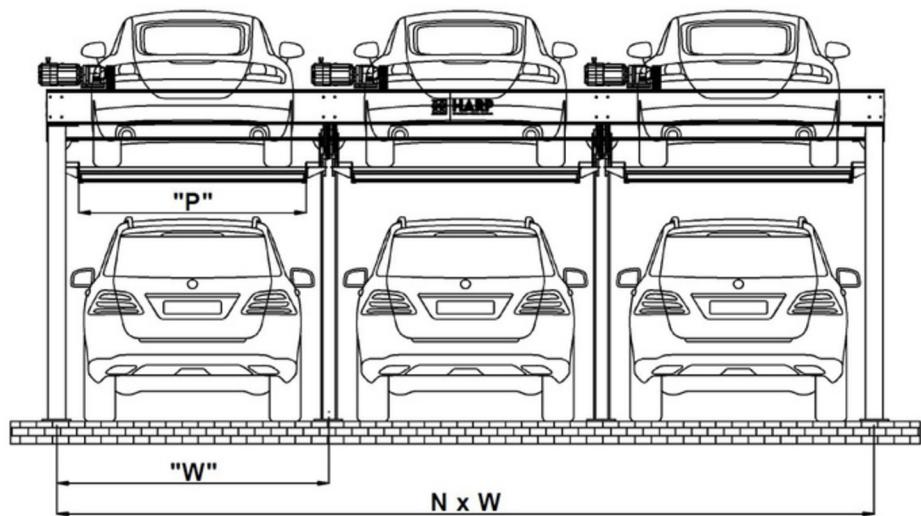
Required Width "W"	Usable Pallet Width "P"	Lower Car Width (With Mirror)	Upper Car Width (With Mirror)
2500	2200	1900	1800
2400	2100	1800	1700
2300	2000	1700	1600
2200	1900	1600	1500

Loading Capacity	2000Kg per car
Lifting System	Electric
Motor	2.2 kW
Speed	4 m/min
Electrical Power	3 Phase 5 Line
Safety Device	Electromechanical Lock
	Emergency Push Button
	Limit Switch
Optional	Entry Gate
	EV Charging Point
	IR Sensor





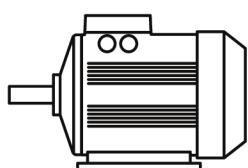
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# PUZZLE PARKING - Park Matrix - Independent



## KEY FEATURES



Motor Driven



Switch (or)  
Touch Panel



Levels: -3 to +2



Emergency Switch



Car detection Sensor



Independent System



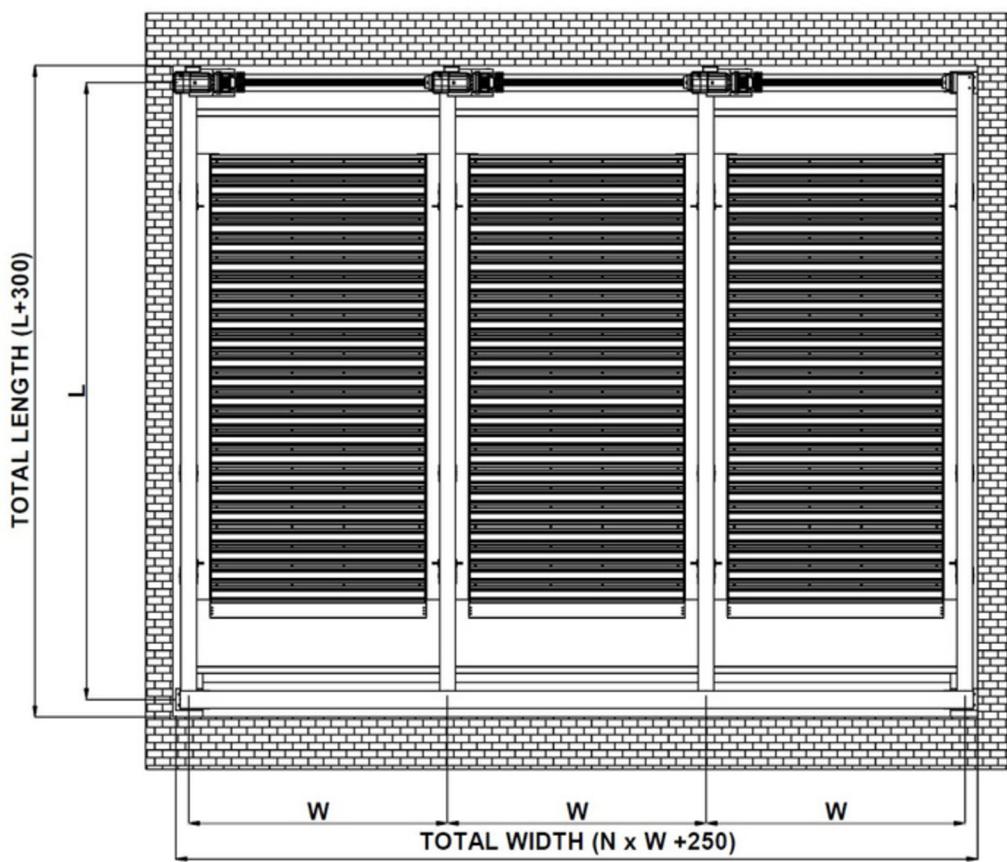
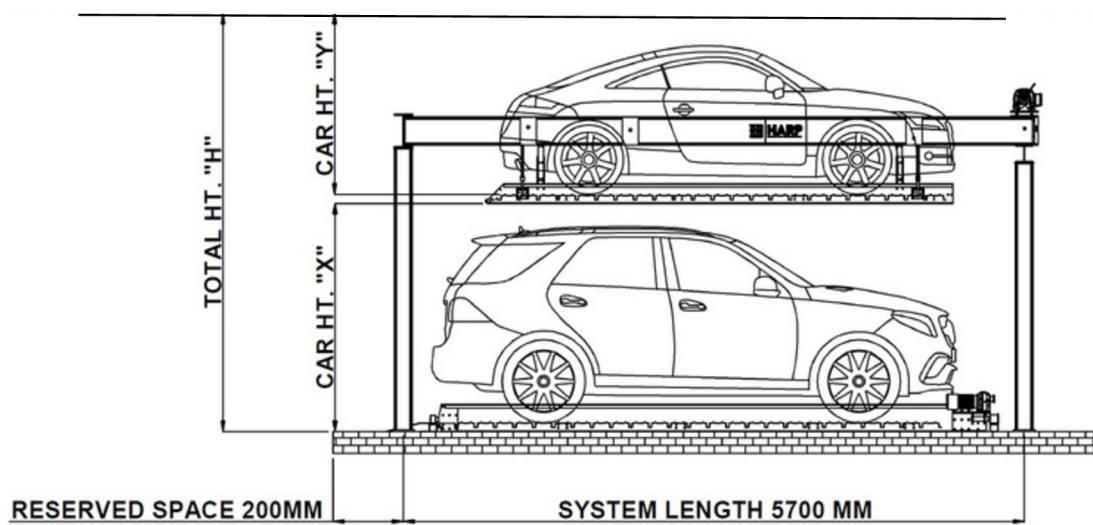
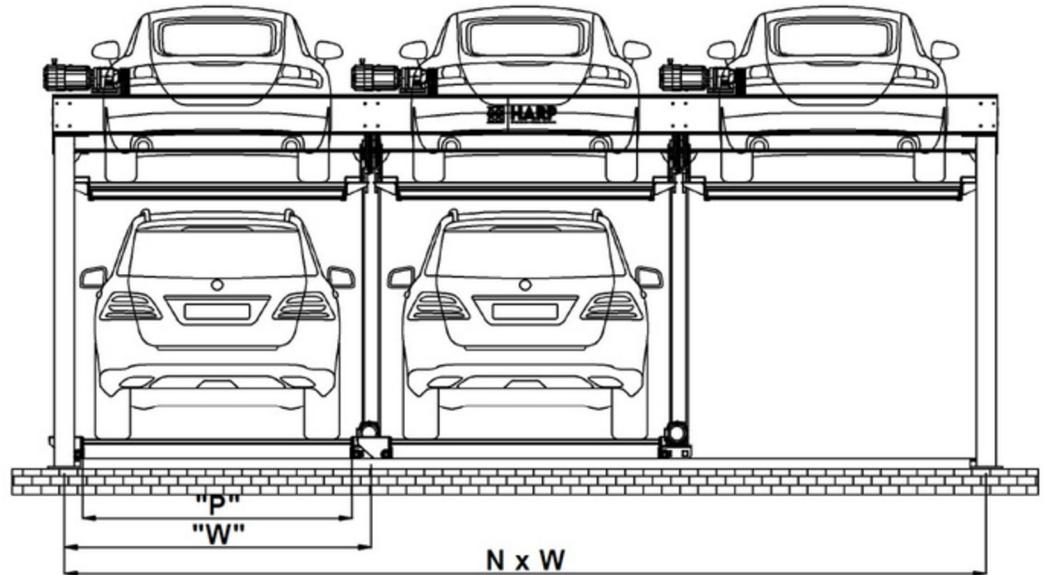
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# TECHNICAL SPECIFICATION

Required Height "H"	Lower Car Height "X"	Upper Car Height "Y"	Car Type
3900	2000	1600	SUV + HB
3800	1900		TB + HB
3700	1800		TB + HB
3600	1700		TB + HB
3500	1600		HB + HB
3400	1500		SEDAN + HB
3300	1500	1500	SEDAN + SEDAN
3400	1600		SEDAN + HB
3500	1700		SEDAN + TB
3600	1800		SEDAN + TB
3700	1900		SEDAN + TB
3800	2000		SEDAN + SUV

Required Width "W"	Usable Pallet Width "P"	Lower Car Width (With Mirror)	Upper Car Width (With Mirror)
2500	2200	1900	1800
2400	2100	1800	1700
2300	2000	1700	1600
2200	1900	1600	1500

Loading Capacity	2000Kg per car	
Lifting System	Electric	
Motor	Lifting	2.2 kW
	Sliding	0.2 kW
Speed	Lifting	4 m/min
	Sliding	8 m/min
Electrical Power	3 Phase 5 Line	
Safety Device	Electromechanical Lock	
	Emergency Push Button	
	Limit Switch	
Optional	Entry Gate	
	EV Charging Point	
	IR Sensor	



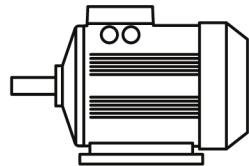
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# ROTARY PARKING

## RevolvePark



## KEY FEATURES



Motor Driven



Switch (or)  
Touch Panel



Variants: 8 to 22 cars



Emergency Switch



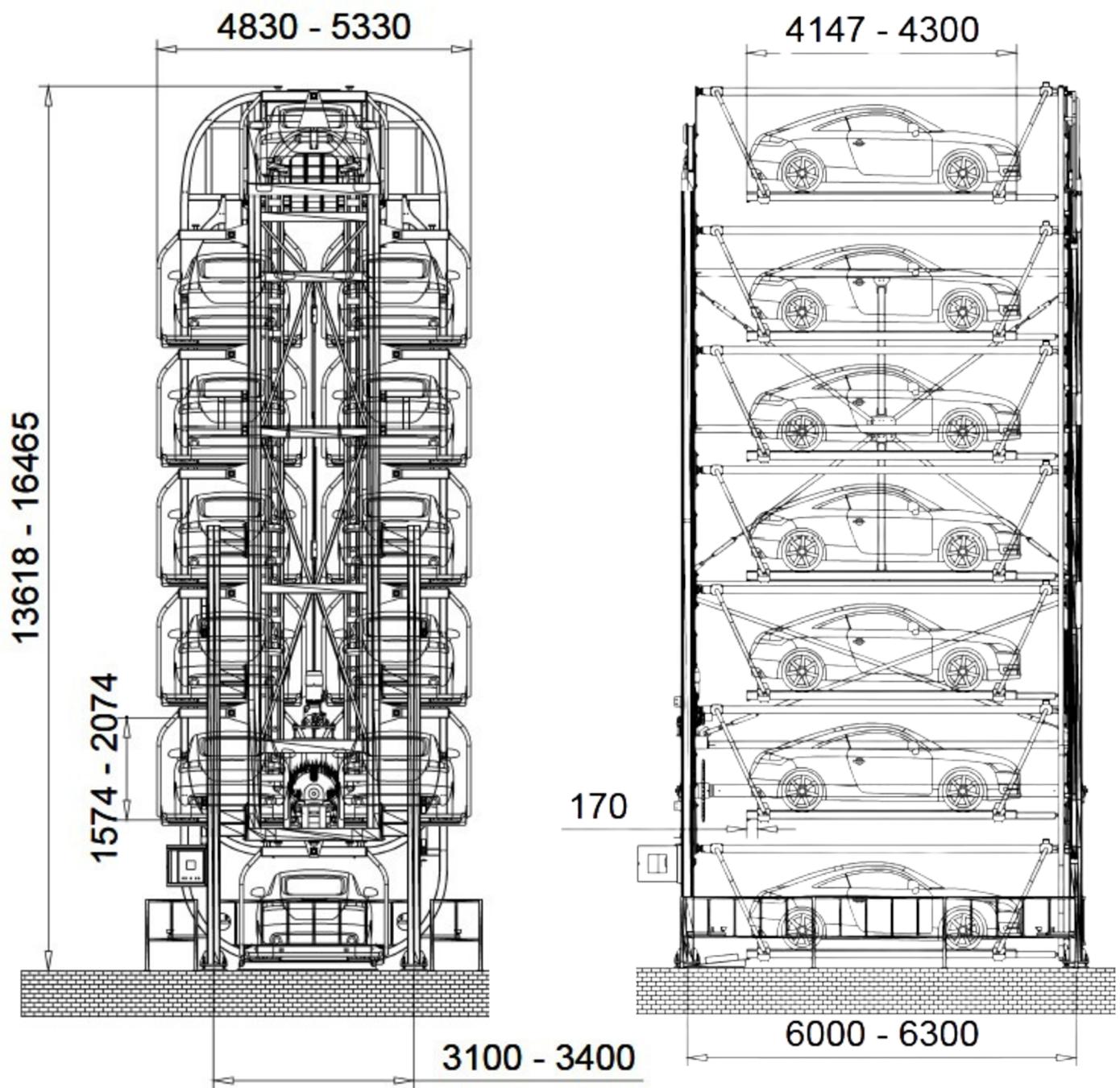
Car detection Sensor



Independent System

<b>Loading Capacity</b>	2000 Kg per car		
<b>Lifting System</b>	Electric (Chain Drive)		
<b>Parking Capacity</b>	8 to 22 Cars		
<b>Car Series</b>	Sedan	HB	SUV
<b>Motor</b>	9.5kW	11kW	15kW
<b>Speed</b>	4 - 6 m/min		
<b>Electrical Power</b>	3 Phase 5 Line		
<b>Safety Device</b>	Photoelectric Sensor		
	Emergency Push Button		
<b>Operation</b>	Touch Screen/Button		
<b>Add-ons</b>	Enclosures		
	EV Charging		
	Bookable advertising space		





**LESS IS  
MORE!**

"Maximize space efficiency – Park up to 22 cars in just 406 sq. ft., the same area needed for only 3 Fortuner SUVs."



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# THANK YOU

With over 45 years of experience, we are committed to delivering innovative, space-saving parking solutions tailored to your needs.

Your support inspires us to continue improving and providing exceptional service. If you have any questions or need assistance, our team is here to help.

Thank you for choosing HARP Car Parking Systems.



## CALL US NOW!



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