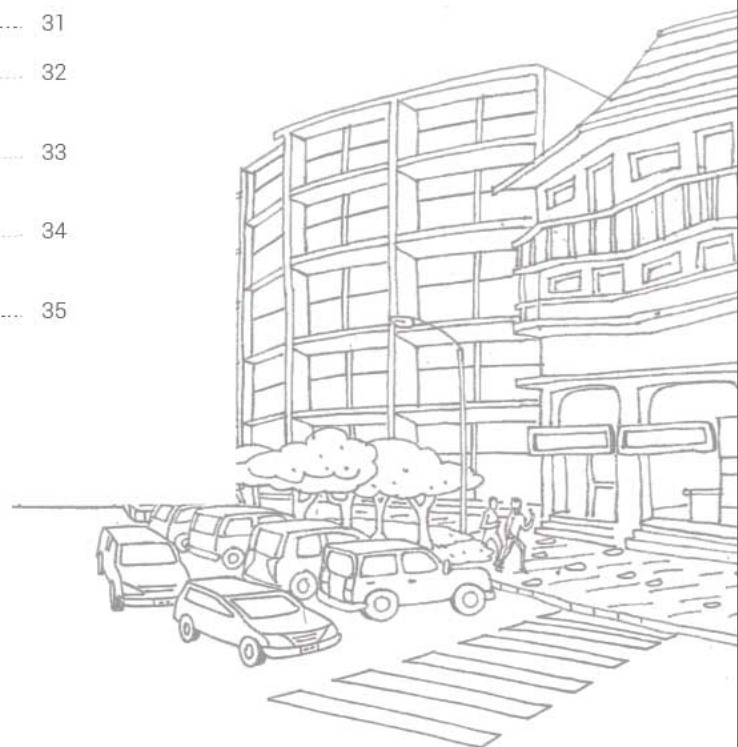




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MAKING MANUFACTURING HISTORY – FROM INDIA TO THE WORLD

Introduction

In early 1986, a small trading house decided to set up a winding wire manufacturing facility in Silvassa, India. This humble beginning led to the making of a brand, RR Global - an internationally acclaimed name, with a presence in more than 80 countries.

Today, RR Global is a 650 million USD conglomerate that has built its success on innovation, trust and transparency. From inception, our founders decided that innovation in every product was key to growth and success. This was a bold decision, one that was much ahead of its time because until then a category like wire manufacturing was considered highly commoditized.

Thanks to this decision, we have been successful in the establishment of 9 manufacturing facilities and offices across the globe, most notably in the UAE and Bangladesh. Our growth can be seen in the expansion of our current production set up of 1 million sq.ft to an additional 1 million sq.ft in the near future.

With over 12 brands and 28 marketing offices employing over 3200+ employees, RR Global relentlessly continues to invent and adhere to modern technologies to fulfill the demand of domestic and global clients.

In less than four decades, our continuous drive for hardwork & innovation has led to resounding success with RR Global becoming the preferred choice in India and across the world.

The RR Global Group comprises of the following companies:

1. **RR Kabel – Wires & Cables**
2. **RR Parkon – Electromechanical car parking systems**
3. **RR Shramik – Winding wires**
4. **Colorants & Specialty Chemicals**
5. **RR Electric**
6. **RR Electrical Accessories**
7. **RR Bus Bars and Tapes**
8. **RR Busduct**
9. **RR Lighting**
10. **RR Fans**
11. **RR Switches**
12. **RR Switchgears**



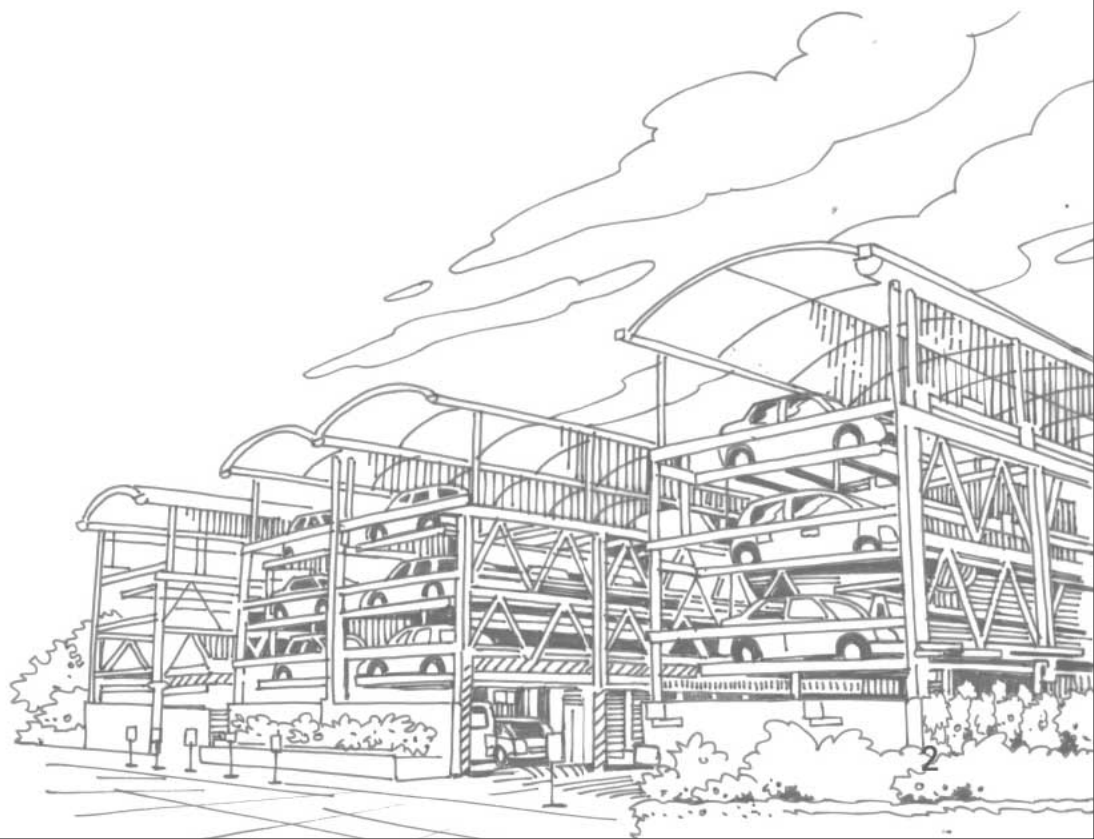


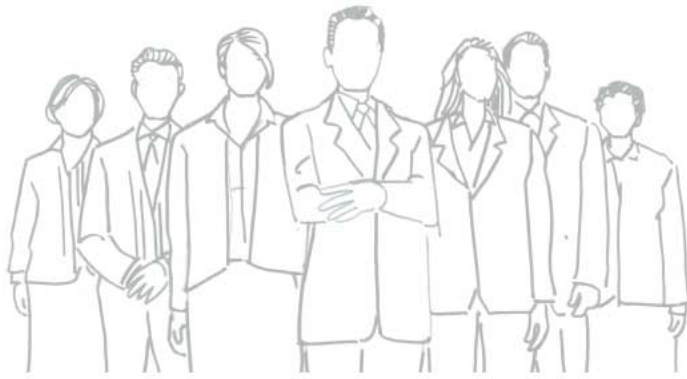
MOVING TOWARDS A RAMPLESS FUTURE

As India aspires to take a centre stage worldwide, Indians have started to go beyond their needs to satisfy their desired wants and direct evidence of this is the number of cars on the roads every day. Present-day infrastructure is very deficient to work for the need considering more and secure parking spaces furthermore this was that rift in between of a growing impulse for a safe as well as secure parking and actual reality which led us to pioneer RR Parkon, an electromechanical solutions provider in India.

Our parking systems are primarily created according to the requirement of our client and operating our systems are particularly easy for everyone to manage which is the USP of our product. Our systems also fulfill the Indian demand for its weather and lifestyle while complimenting the global technical standards.

We have accomplished over 1500 projects. These projects have a range of constructing systems to house as less as 2 cars and going up to 2200 cars.





THE TEAM

Mr. Shreegopal Kabra

Managing Director & Group President, RR Global

One of the motivating powers behind revolutionizing a small trading company into an eminent global brand, Mr. Kabra is the Managing Director and the group president of RR Global. He joined RR Global and was influential in leveraging global opportunities and utilizing modern techniques of managing business. He has been credited for pioneering the group to launch RR Parkon, first company to construct electro mechanical parking systems in India, an initiative to earn the group much honor.

Mr. Saroop Mulchandani

Director

Mr. Saroop. Mulchandani, he has been a pioneer of parking systems in India. Mr. Saroop Mulchandani has been associated with RR infrastructure limited from the past 15 years as an Executive Director. He has been an engineering veteran in the infrastructural industry. He was amongst those innovative brains who engineered first multi-level car parking system installation in the year 1999.

Mrs. Kirti Kabra

Director & Board Member

A phenomenal strategist, Mrs. Kirti Kabra is the brain behind all the communications and development of every brand at RR Global. She is known for executing revolutionary concepts to frame RR Global in being a distinguished brand. All brands initiatives exhibit her perceptive vision and judgment.

Mr. Rajesh Gopal Kabra

Director RR Parkon

Overflowing with modernistic ideas and a strong drive to make an impact in the industry, Mr. Rajesh Kabra is one of the many idealized talents at RR Group. He is currently directing RR Parkon, and is well known for spotlighting on the use of modernized technology for every product. Mr. Rajesh Kabra adds his own youthful thoughts and ideas to every product in the RR Parkon portfolio.

RANGE OF PRODUCTS

- a. Tower Parking System
- b. Shuttle Parking System
- c. OG Puzzle Park
- d. 1 In Pit Puzzle
- e. 2 In Pit Puzzle
- f. 3 In Pit Puzzle
- g. Horizontal Circulation System for Sedan/SUV
- h. Mini Rotary System
- i. 2S Dependent Stack
- j. 3S Dependent Stack
- k. Twin Park System
- l. Car Lift Hydraulic Type
- m. Car Lift Traction Type

Key Advantages

- Space effective installation makes parking upto cars possible in the space required for 3
- Easy maintenance and reliable operations
- Can be erected as a standalone structure
- Human oriented design
- Computerized control systems

SHAFT DIMENSIONS

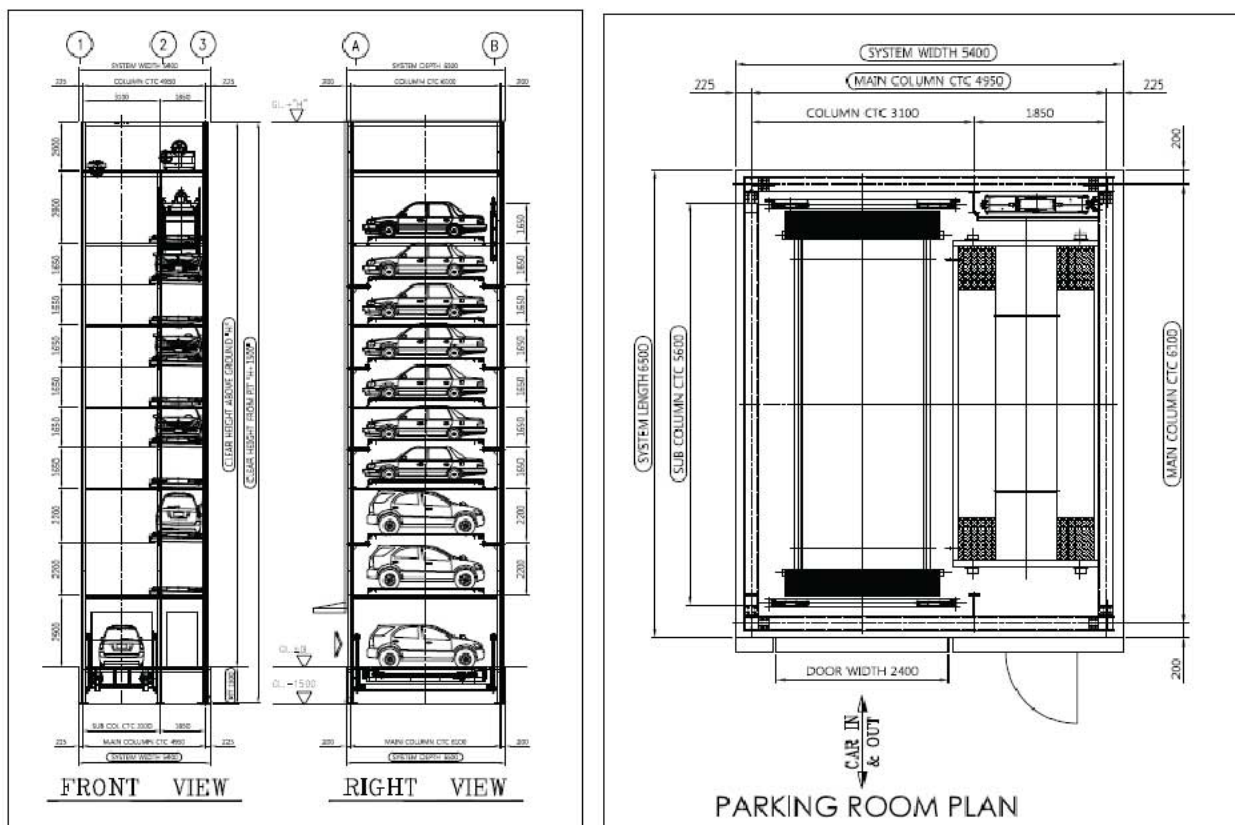
TYPE	NO. OF CARS	NO. OF SEDAN	NO. OF SUV	"H"
RR-TO-10181	18	14	04	38050
RR-TO-10201	20	16	04	41350
RR-TO-10221	22	18	04	44650
RR-TO-10241	24	18	06	49050
RR-TO-10261	26	20	06	52350
RR-TO-10281	28	22	06	55650
RR-TO-10301	30	24	06	58950
RR-TO-10321	32	24	08	63350

SHAFT DIMENSIONS

SYSTEM WIDTH	5400 MM
SYSTEM LENGTH	6500 MM

CAR DATA

HEIGHT	MAX 1550 MM (SEDAN), MAX 2100MM (SUV)
WIDTH	2150 MM (WITH MIRROR)
WEIGHT	MAX 2200 KG.
WHEEL LOAD	MAX 550KG.
LENGTH	MAX 5100 MM



SHAFT DIMENSIONS

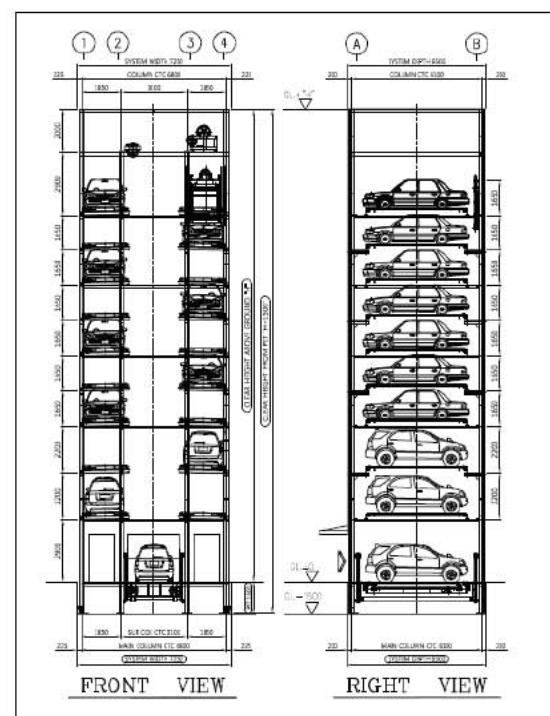
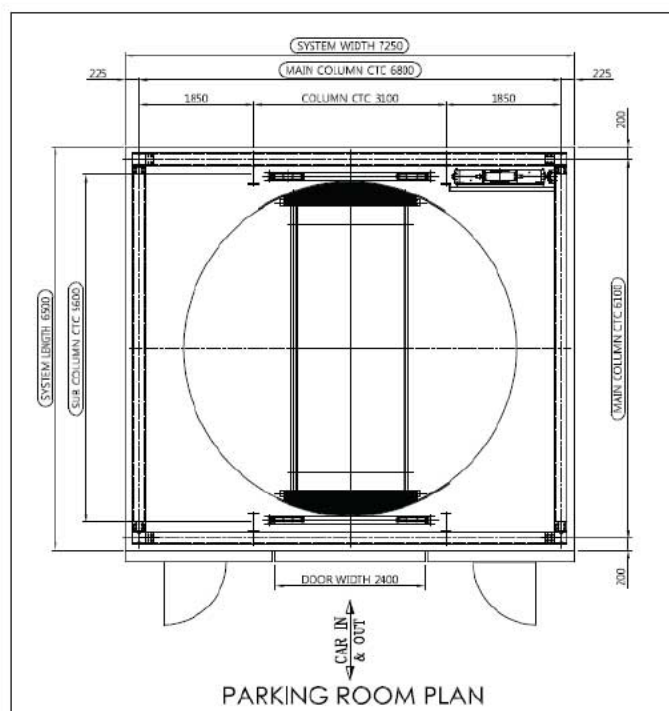
TYPE	NO. OF CARS	NO. OF SEDAN	NO. OF SUV	"H"
RR-TO-11181	18	14	04	22100
RR-TO-11201	20	16	04	23750
RR-TO-11221	22	18	04	25400
RR-TO-11241	24	18	06	27600
RR-TO-11261	26	20	06	29250
RR-TO-11281	28	22	06	30900
RR-TO-11301	30	24	06	32550
RR-TO-11321	32	24	08	34750
RR-TO-11341	34	26	08	36400
RR-TO-11361	36	28	08	38050
RR-TO-11381	38	30	08	39700
RR-TO-11401	40	30	10	41900
RR-TO-11421	42	32	10	43550
RR-TO-11441	44	34	10	45200
RR-TO-11461	46	36	10	46850
RR-TO-11481	48	36	12	49050
RR-TO-11501	50	38	12	50700
RR-TO-11521	52	40	12	52350
RR-TO-11541	54	42	12	54000
RR-TO-11561	56	42	14	56200
RR-TO-11581	58	44	14	57850
RR-TO-11601	60	46	14	59500

SHAFT DIMENSIONS

SYSTEM WIDTH	7250 MM
SYSTEM LENGTH	6500 MM

CAR DATA

HEIGHT	MAX 1550 MM (SEDAN), MAX 2100MM (SUV)
WIDTH	2150 MM (WITH MIRROR)
WEIGHT	MAX 2200 KG.
WHEEL LOAD	MAX 550KG.
LENGTH	MAX 5100 MM



SHAFT DIMENSIONS

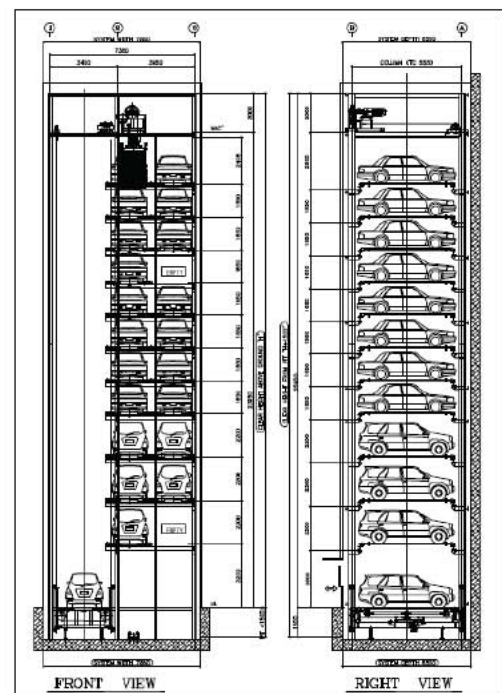
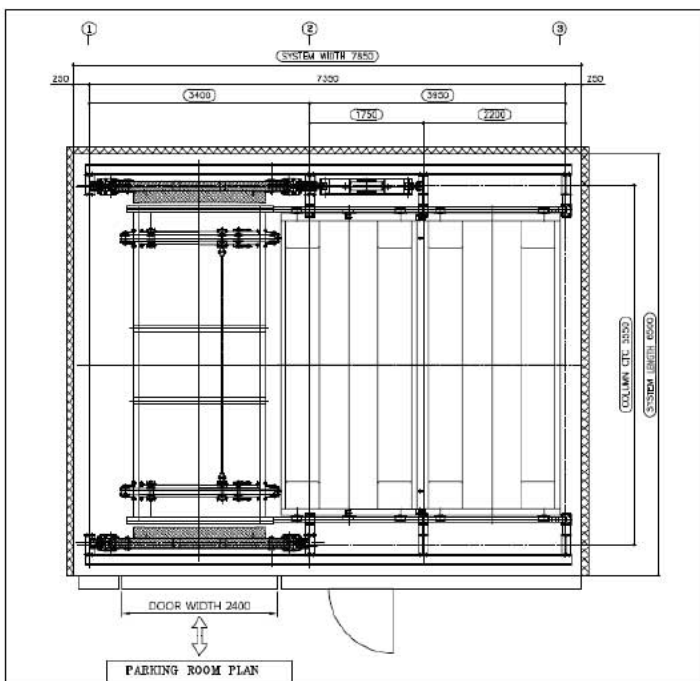
TYPE	NO. OF CARS	NO. OF SEDAN	NO. OF SUV	"H"
RR-TO-20181	18	13	05	24300
RR-TO-20201	20	15	05	25950
RR-TO-20221	22	17	05	27600
RR-TO-20241	24	17	07	29800
RR-TO-20261	26	19	07	31450
RR-TO-20281	28	21	07	33100
RR-TO-20301	30	23	07	34750
RR-TO-20321	32	23	09	36950
RR-TO-20341	34	25	09	38600
RR-TO-20361	36	27	09	40250
RR-TO-20381	38	29	09	41900
RR-TO-20401	40	29	11	44100
RR-TO-20421	42	31	11	45750
RR-TO-20441	44	33	11	47400
RR-TO-20461	46	35	11	49050
RR-TO-20481	48	35	13	51250
RR-TO-20501	50	37	13	52900
RR-TO-20521	52	39	13	54550
RR-TO-20541	54	41	13	56200
RR-TO-20561	56	41	15	58400
RR-TO-20581	58	43	15	60050
RR-TO-20601	60	45	15	61700

SHAFT DIMENSIONS

SYSTEM WIDTH	7850 MM
SYSTEM LENGTH	6500 MM

CAR DATA

HEIGHT	MAX 1550 MM (SEDAN), MAX 2100MM (SUV)
WIDTH	2150 MM (WITH MIRROR)
WEIGHT	MAX 2200 KG.
WHEEL LOAD	MAX 550KG.
LENGTH	MAX 5100 MM



SHAFT DIMENSIONS

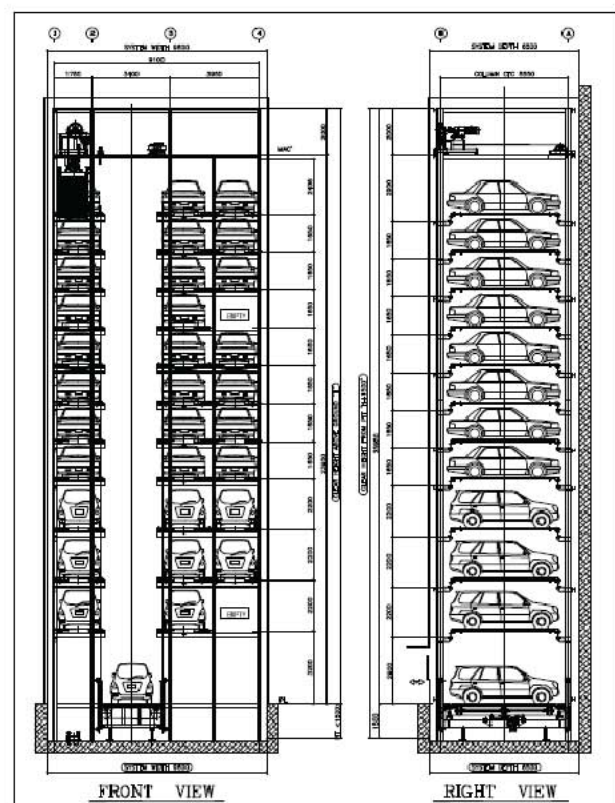
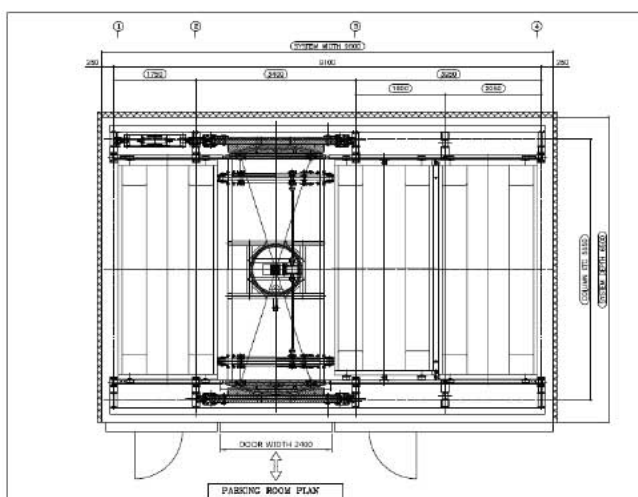
TYPE	NO. OF CARS	NO. OF SEDAN	NO. OF SUV	"H"
RR-TO-21191	19	14	05	18800
RR-TO-21221	22	17	05	20450
RR-TO-21251	25	20	05	22100
RR-TO-21281	28	20	08	24300
RR-TO-21311	31	23	08	25950
RR-TO-21341	34	26	08	27600
RR-TO-21371	37	29	08	29250
RR-TO-21401	40	29	11	31450
RR-TO-21431	43	32	11	33100
RR-TO-21461	46	35	11	34750
RR-TO-21491	49	38	11	36400
RR-TO-21521	52	38	14	38600
RR-TO-21551	55	41	14	40250
RR-TO-21581	58	44	14	41900
RR-TO-21611	61	47	14	43550

SHAFT DIMENSIONS

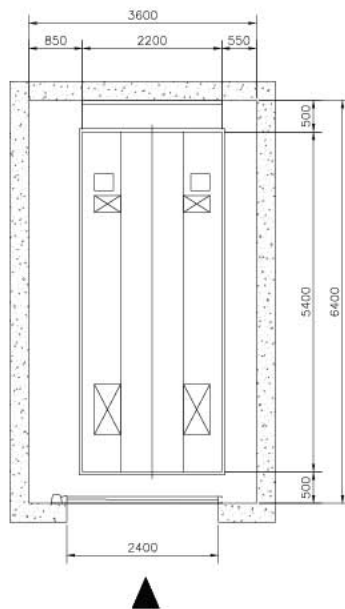
SYSTEM WIDTH	9600 MM
SYSTEM LENGTH	6500 MM

CAR DATA

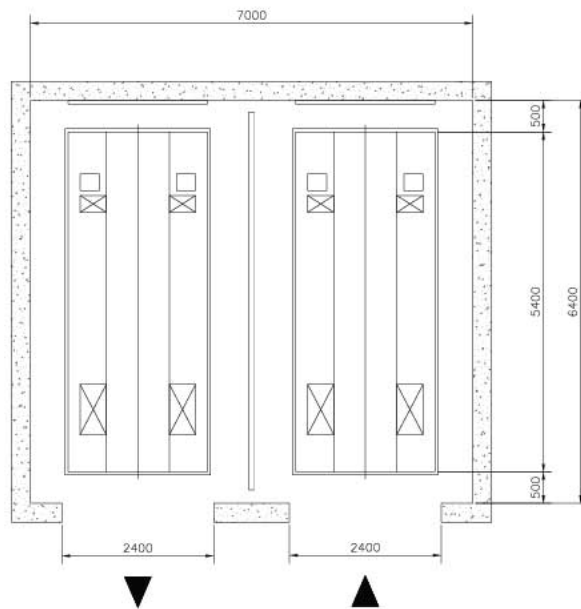
HEIGHT	MAX 1550 MM (SEDAN), MAX 2100MM (SUV)
WIDTH	2150 MM (WITH MIRROR)
WEIGHT	MAX 2200 KG.
WHEEL LOAD	MAX 550KG.
LENGTH	MAX 5100 MM



THE GROUND PLAN OF THE ENTRY PART



STRUCTURE OF A SINGLE LIFT



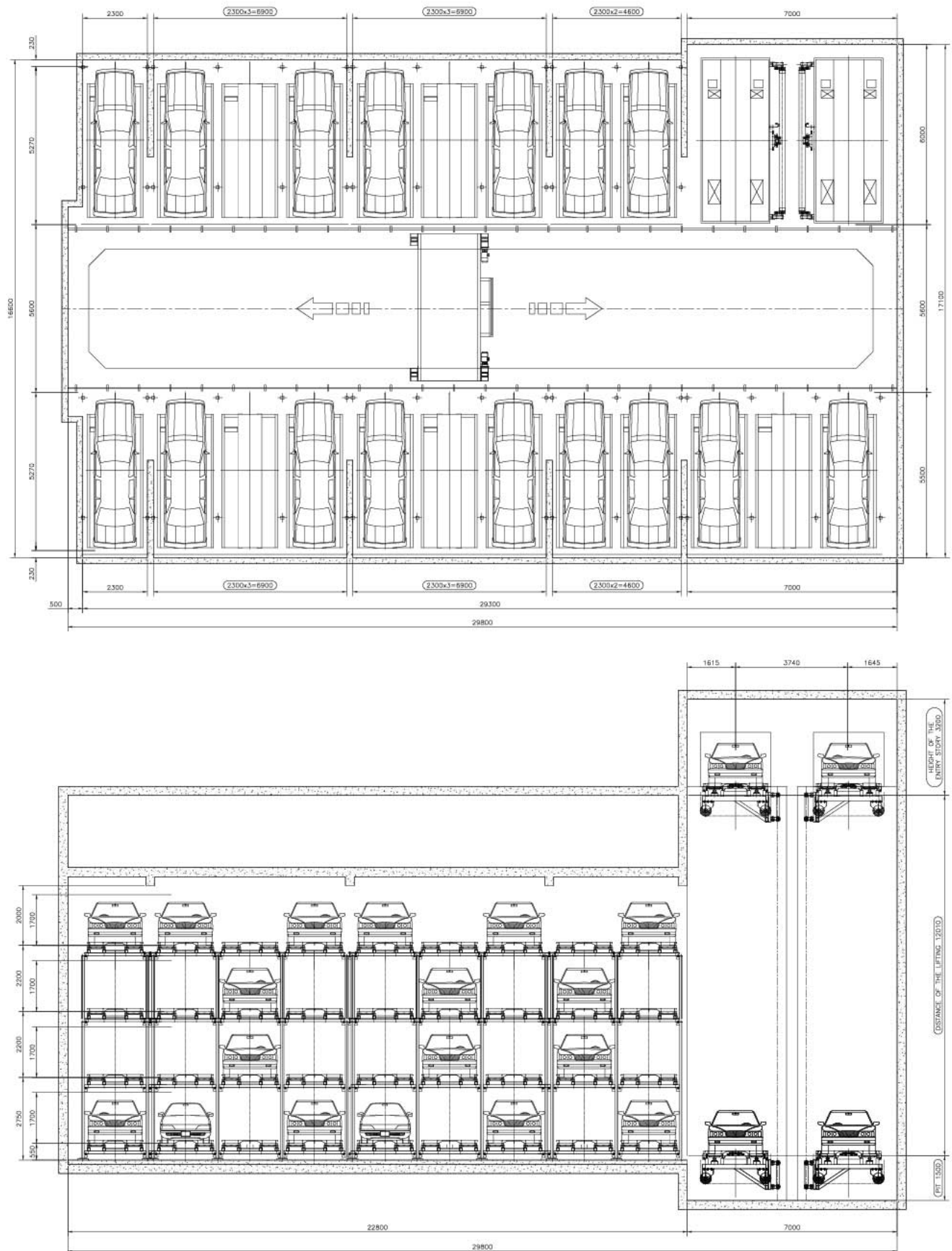
STRUCTURE OF TWO PARALLEL LIFT

STANDARD DETAILS OF THE PARKING FACILITIES

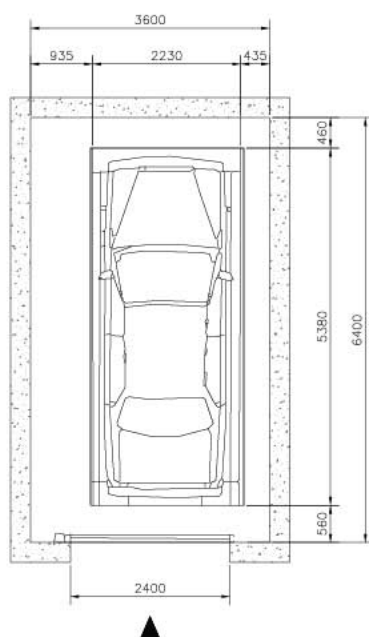
The sort and form of the parking equipment		Multi-floor type (pallet type)
Available dimension of cars		5200(L) x 2150(W) x 1600(H) / 2150Kg
The Details of the hoisting drive part	the hoisting motor	22kW x 4P & D.C Brake
	the hoisting speed reducer	HELICAL i=1/33
	the hoisting speed	45 ~ 60m/min (in proportion to the lifting distance)
	the method of hoisting	8 piece wire ropes, 2:1 roping method
The details of the CART	the drive motor	1.5kW x 4P & D.C Brake, 2Set
	the drive speed	80 ~ 120m/min (in proportion to the travelling distance)
	the method of moving	MC Wheel (the direct drive type)
	the horizontal movement motor	1.5kW x 4P & D.C Brake, 1 Set
	the horizontal moving speed	30m/min (the rating speed)
	the loading motor	0.75kW x 4P & D.C Brake
	the picking motor	0.4kW x 4P & D.C Brake
	the type of picking	Rack & Pinion (the direct drive type)
The Details of the Electrically Controlling Part	the motor controlling machine	IGBT Inverter
	the form of operation control	PLC type (Bacically included)
	the operation method	Touch Screen & Computer
Power	the resource of power	three phase, AC 440v
The gateway AUTO DOOR		2600(W) x 1800(H) 2 Up Slide
Safety Devices		The induction and the guidance lights at the entrance
		The automobile guidance mirror
		The sensor detecting the location of automobiles at the entry story
		The sensor detecting the cutting of the hoisting wire
		The system for preventing over-run of the lifts and carts
		The emergency stop switch
		The system for securing safe opertaion and more....

* Drawings may be changed according to dimensions of the vehicle that is accepted in the parking facilities.

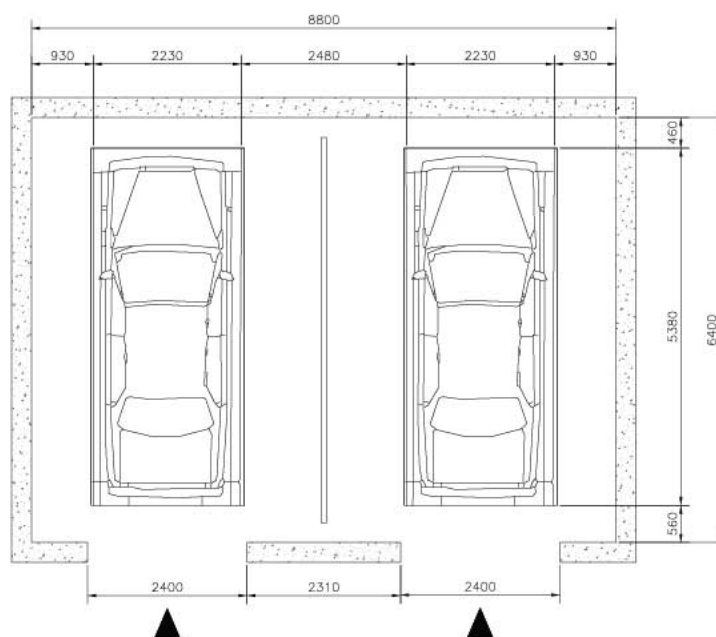
LENGTHWISE PALLET TYPE



THE GROUND PLAN OF THE ENTRY PART



STRUCTURE OF SINGLE LIFT



STRUCTURE OF TWO PARALLEL LIFT

STANDARD DETAILS OF THE PARKING FACILITIES

Capacity		a minimum of 10 cars ~ unlimited(a maximum of 70cars per lift)
The sort and form of the parking equipment		the multi-floor type (pallet type)
Available dimension of cars	the total length	5200mm
	the total width	2150mm (including a side mirror)
	the total height	1600mm
	the weight	2150Kg
LIFT	the hoisting motor	22kW x 4P & D.C Brake
	the hoisting speed	45 ~ 60m/min (in proportion to the lifting distance)
	the horizontal movement motor	1.5kW x 4P & D.C Brake
	the horizontal movement speed	45m/min (the rating speed)
CART	the running motor	1.5kW x 4P & D.C Brake, 1 Set
	the running speed	80 ~ 120m/min (in proportion to the travelling distance)
	the horizontal movement motor	1.5kW x 4P & D.C Brake, 1 Set
	the horizontal moving speed	30m/min (the rating speed)
	the picking motor	0.4kW x 4P & D.C Brake
	the type of picking	Rack & Pinion (the direct drive type)
The Details of the Electrically Controlling Part	the motor controlling machine	IGBT Inverter
	the form of operation control	PLC type (Bacically included)
	the form of manipulation	Touch Screen or Computer (Optional)
Power	the source of power	three phase, AC 440V, 50Hz & three phase, AC 220V
Safety Devices		The induction and the guidance lights at the entrance
		The mirror guiding automobiles
		The sensor detecting the location of automobiles at the entry story
		The sensor detecting the cutting of the hoisting wire
		The system for preventing over-run of the lifts and carts
		The emergency stop switch
		The system for securing safe optertaion
		and more....

* Drawings may be changed according to dimensions of the vehicle that is accepted in the parking facilities.

Technical drawing of a parking lot layout. The drawing shows two rows of cars parked in a lot. The overall dimensions are 34650 (width) by 8300 (depth). The layout includes a central service area with a 'CART' and 'LIFT' area. The drawing is divided into sections with various dimensions: 800, 5450, 5450, 5450, 5450, 750, 5450, 400, 800, 5450, 5450, 5450, 5450, 200, PIT 5800, 200, 5450, 400. The total width is 34650 and the total depth is 8300. The drawing also shows a 'CART' area and a 'LIFT' area. The cars are shown in a top-down view, and the layout is symmetrical.

[illegible]

WEIGHTING HOOK FOR 3 TON
(EXECUTE BY CONSTRUCTOR)

3100

17800

17400

1500

800 5450 5450 5450 5450 200 5800 200 5450 400

34650

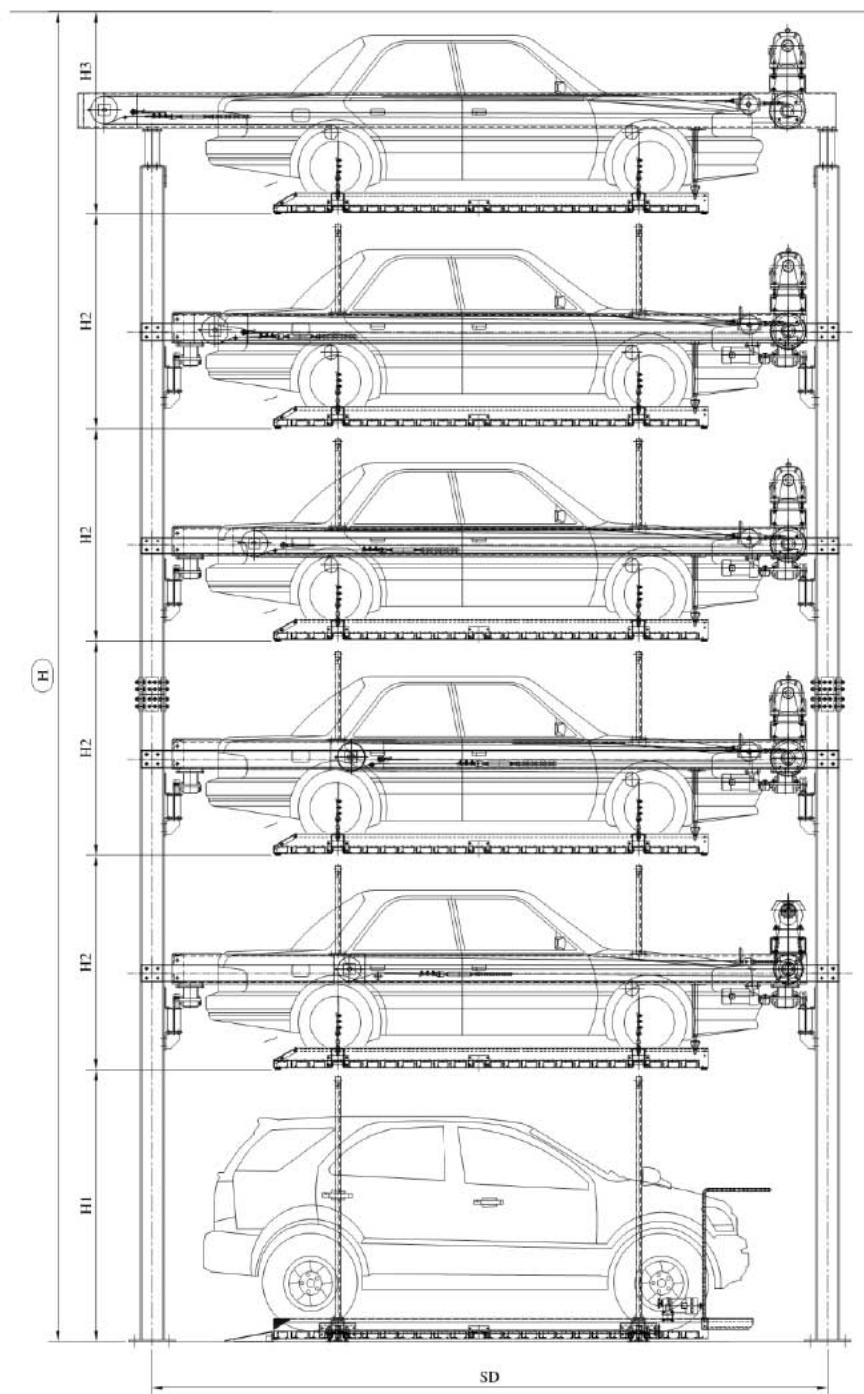
585 2100 2100 2100 1650 200

Key Advantages

- Multiple entries to reduce time
- Easy maintenance
- Low operating costs
- Variation available from 2 to 6 levels

OG PUZZLE		SYSTEM DIMENSIONS			SYSTEM WIDTH AS PER 2000MM PALLET INNER FOR GRID OF						
	TOTAL NO. OF LEV-ELS	HEIGHT	LENGTH FOR 4800 CAR LENGTH	LENGTH FOR 5000 CAR LENGTH	2	3	4	5	6	7	8
ALL SUV	2	4500	5575	5775	5000	7350	9700	12050	14400	16750	19100
	3	6720	6100	6300	5200	7600	10000	12400	14800	17200	19600
	4	8980									
	5	11240	6300 ON GROUND LVL (6500 ON TOP LVL)								
	6	13500	6975 ON GROUND LVL (7675 ON TOP LVL)								
50% SUV	2 (1LVL SUV)	4000	5575	5775	5000	7350	9700	12050	14400	16750	19100
	3 (2LVL SUV)	6270	6100	6300	5200	7600	10000	12400	14800	17200	19600
	4 (2LVL SUV)	8080									
	5 (3LVL SUV)	10340									
	6 (3LVL SUV)	12150									
ALL SEDAN, EXCEPT GF LVL	2	4000	5575	5775	5000	7350	9700	12050	14400	16750	19100
	3	5820	6100	6300	5200	7600	10000	12400	14800	17200	19600
	4	7630									
	5	9440									
	6	11250	6300 ON GROUND LVL (6750 ON TOP LVL)								

OG PUZZLE	MODEL NUMBER FOR GRID OF						
TOTAL NO. OF LEVELS	2	3	4	5	6	7	8
2	RR-PZ-20200	RR-PZ-20300	RR-PZ-20400	RR-PZ-20500	RR-PZ-20600	RR-PZ-20700	RR-PZ-20800
3	RR-PZ-30200	RR-PZ-30300	RR-PZ-30400	RR-PZ-30500	RR-PZ-30600	RR-PZ-30700	RR-PZ-30800
4	RR-PZ-40200	RR-PZ-40300	RR-PZ-40400	RR-PZ-40500	RR-PZ-40600	RR-PZ-40700	RR-PZ-40800
5	RR-PZ-50200	RR-PZ-50300	RR-PZ-50400	RR-PZ-50500	RR-PZ-50600	RR-PZ-50700	RR-PZ-50800
6	RR-PZ-60200	RR-PZ-60300	RR-PZ-60400	RR-PZ-60500	RR-PZ-60600	RR-PZ-60700	RR-PZ-60800



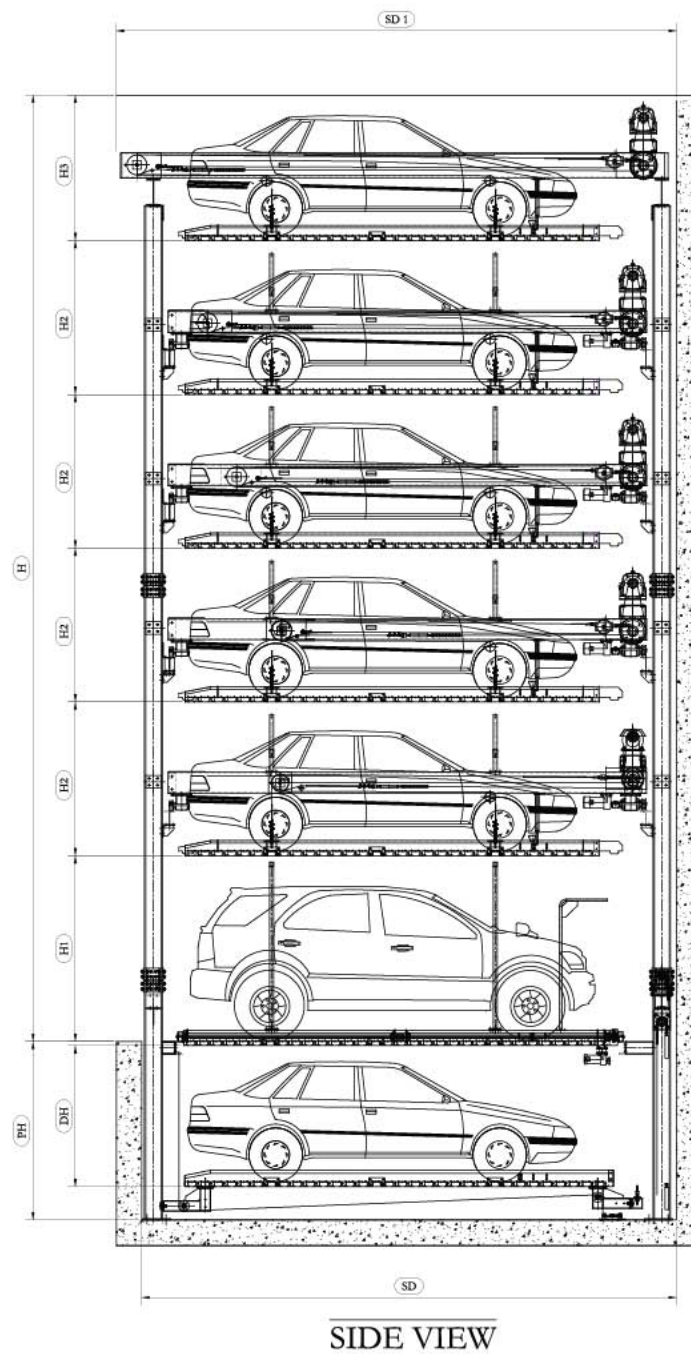
1 IN PIT PUZZLE

Key Advantages

- Multiple entries to reduce time
- Easy maintenance
- Low operating costs
- Variation available from 2 to 7 levels

1 IN PIT PUZZLE		SHAFT DIMENSIONS						SYSTEM WIDTH AS PER 2000MM PALLET INNER FOR GRID OF						
	TOTAL NO. OF LEVELS	HEIGHT		LENGTH FOR 4800 CAR LENGTH	LENGTH FOR 4800 CAR LENGTH	LENGTH FOR 5000 CAR LENGTH	LENGTH FOR 5000 CAR LENGTH	2	3	4	5	6	7	8
		PIT	ABOVE	COL-UMN ON GROUND	COLUMN IN PIT	COL-UMN ON GROUND	COLUMN IN PIT							
ALL SUV	2	2550	2100	5400	-	5550	-	4900	7250	9600	11950	14300	16650	19000
	3		4450											
	4		6605	6050	6250	6200	6400							
	5		8865											
	6		11125	6050 ON GROUND LVL 6600 ON TOP LVL	6250 ON GROUND LVL 6600 ON TOP LVL	6200 ON GROUND LVL 6600 ON TOP LVL	6400 ON GROUND LVL 6600 ON TOP LVL	5150	7550	9950	12350	14750	17150	19550
	7		N/A	N/A	N/A	N/A	N/A							
50% SUV	2 (1LVL SUV)	2100	2100	5400	-	5550	-	4900	7250	9600	11950	14300	16650	19000
	3 (2LVL SUV)		4450											
	4 (2LVL SUV)		6155											
	5 (3LVL SUV)		8415	6050	6250	6200	6400							
	6 (3LVL SUV)		10225					5150	7550	9950	12350	14750	17150	19550
	7 (4LVL SUV)		12485	6050 ON GROUND LVL 6850 ON TOP LVL	6250 ON GROUND LVL 6850 ON TOP LVL	6200 ON GROUND LVL 6850 ON TOP LVL	6400 ON GROUND LVL 6850 ON TOP LVL							
ALL SEDAN, EXCEPT GF LVL	2	2100	2100	5400	-	5550	-	4900	7250	9600	11950	14300	16650	19000
	3		4000											
	4		5705											
	5		7515	6050	6250	6200	6400							
	6		9325											
	7		11135	6050 ON GROUND LVL 6850 ON TOP LVL	6250 ON GROUND LVL 6850 ON TOP LVL	6200 ON GROUND LVL 6850 ON TOP LVL	6400 ON GROUND LVL 6850 ON TOP LVL	5150	7550	9950	12350	14750	17150	19550

1 LVL PIT PUZZLE	MODEL NUMBER FOR GRID OF						
TOTAL NO. OF LEVELS	2	3	4	5	6	7	8
2	RR-PZ-11200	RR-PZ-11300	RR-PZ-11400	RR-PZ-11500	RR-PZ-11600	RR-PZ-11700	RR-PZ-11800
3	RR-PZ-21200	RR-PZ-21300	RR-PZ-21400	RR-PZ-21500	RR-PZ-21600	RR-PZ-21700	RR-PZ-21800
4	RR-PZ-31200	RR-PZ-31300	RR-PZ-31400	RR-PZ-31500	RR-PZ-31600	RR-PZ-31700	RR-PZ-31800
5	RR-PZ-41200	RR-PZ-41300	RR-PZ-41400	RR-PZ-41500	RR-PZ-41600	RR-PZ-41700	RR-PZ-41800
6	RR-PZ-51200	RR-PZ-51300	RR-PZ-51400	RR-PZ-51500	RR-PZ-51600	RR-PZ-51700	RR-PZ-51800
7	RR-PZ-61200	RR-PZ-61300	RR-PZ-61400	RR-PZ-61500	RR-PZ-61600	RR-PZ-61700	RR-PZ-61800



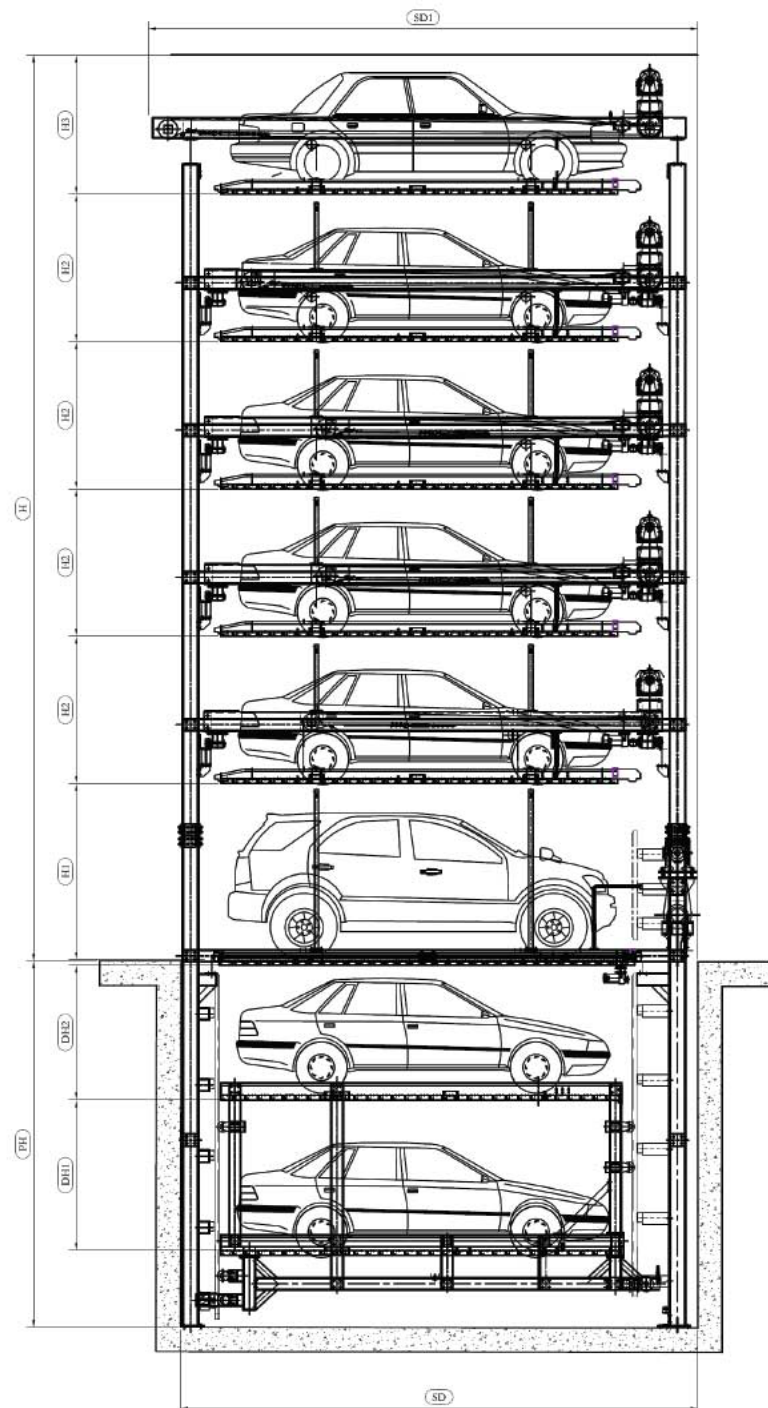
2 IN PIT PUZZLE

Key Advantages

- Multiple entries to reduce time
- Easy maintenance
- Low operating costs
- Variation available from 4 to 8 levels

2 IN PIT PUZZLE		SHAFT DIMENSIONS				SYSTEM WIDTH AS PER 2000MM PALLET INNER FOR GRID OF						
	TOTAL NO. OF LEV-ELS	HEIGHT		LENGTH FOR 4800 CAR	LENGTH FOR 5000 CAR	2	3	4	5	6	7	8
		PIT	ABOVE	LENGTH	LENGTH							
ALL SUV	4	4750 (ONLY B2 CARS IS SUV)	4400	5900	6050	5200	7600	10000	12400	14800	17200	19600
	5		6605	6300	6450							
	6		8865									
	7		11125	6300 ON GROUND LVL 6500 ON TOP LVL	6450 ON GROUND LVL 6500 ON TOP LVL							
	8		N/A	N/A	N/A							
50% SUV	4 (2LVL SUV)	4500	3950	5900	6050	5200	7600	10000	12400	14800	17200	19600
	5 (3LVL SUV)		6155	6300	6450							
	6 (3LVL SUV)		8415									
	7 (4LVL SUV)		10225									
	8 (4LVL SUV)		12485	6300 ON GROUND LVL 6750 ON TOP LVL	6450 ON GROUND LVL 6750 ON TOP LVL							
ALL SEDAN, EXCEPT GF LVL	4	4500	3950	5900	6050	5200	7600	10000	12400	14800	17200	19600
	5		5705	6300	6450							
	6		7515									
	7		9325									
	8		11135	6300 ON GROUND LVL 6750 ON TOP LVL	6450 ON GROUND LVL 6750 ON TOP LVL							

2 LVL PIT PUZZLE	MODEL NUMBER FOR GRID OF						
TOTAL NO. OF LEVELS	2	3	4	5	6	7	8
4	RR-PZ-22200	RR-PZ-22300	RR-PZ-22400	RR-PZ-22500	RR-PZ-22600	RR-PZ-22700	RR-PZ-22800
5	RR-PZ-32200	RR-PZ-32300	RR-PZ-32400	RR-PZ-32500	RR-PZ-32600	RR-PZ-32700	RR-PZ-32800
6	RR-PZ-42200	RR-PZ-42300	RR-PZ-42400	RR-PZ-42500	RR-PZ-42600	RR-PZ-42700	RR-PZ-42800
7	RR-PZ-52200	RR-PZ-52300	RR-PZ-52400	RR-PZ-52500	RR-PZ-52600	RR-PZ-52700	RR-PZ-52800
8	RR-PZ-62200	RR-PZ-62300	RR-PZ-62400	RR-PZ-62500	RR-PZ-62600	RR-PZ-62700	RR-PZ-62800



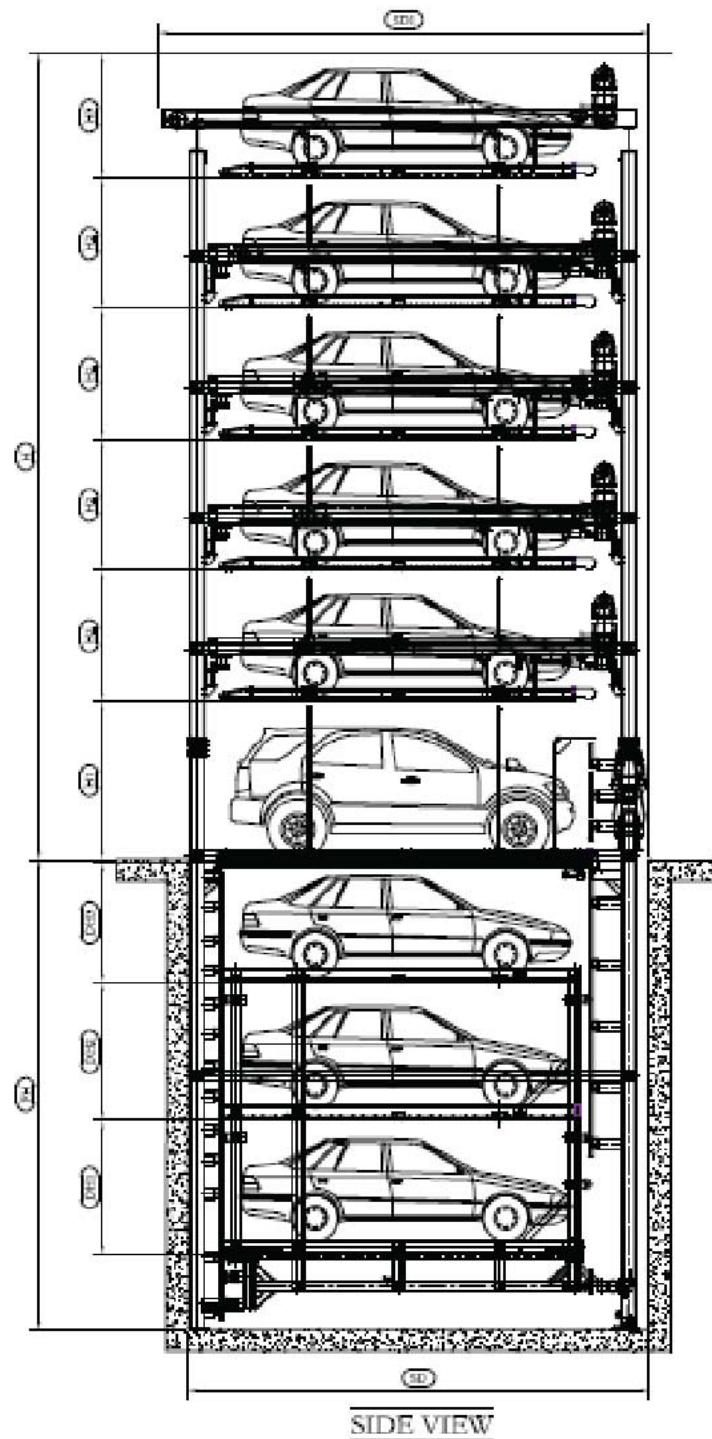
3 IN PIT PUZZLE

Key Advantages

- Multiple entries to reduce time
- Easy maintenance
- Low operating costs
- Variation available from 6 to 9 levels

3 IN PIT PUZZLE		SHAFT DIMENSIONS				SYSTEM WIDTH AS PER 2000MM PALLET INNER FOR GRID OF						
	TOTAL NO. OF LEVELS	HEIGHT		LENGTH FOR 4800 CAR LENGTH	LENGTH FOR 5000 CAR LENGTH	2	3	4	5	6	7	8
		PIT	ABOVE									
ALL SUV	6	7100 (B2 & B3 CARS ARE SUV)	6605	6240	6390	5200	7600	10000	12400	14800	17200	19600
	7		8865									
	8		11125	6240 ON GROUND LVL 6500 ON TOP LVL	6390 ON GROUND LVL 6500 ON TOP LVL							
	9		N/A	N/A	N/A							
50% SUV	6 (3LVL SUV)	6500	5705	6340	6490	5200	7600	10000	12400	14800	17200	19600
	7 (4LVL SUV)		7965									
	8 (4LVL SUV)		10225									
	9 (4LVL SUV)		12035	6340 ON GROUND LVL 6750 ON TOP LVL	6490 ON GROUND LVL 6750 ON TOP LVL							
ALL SEDAN, EXCEPT GF LVL	6	6500	5705	6340	6490	5200	7600	10000	12400	14800	17200	19600
	7		7515									
	8		9325									
	9		11135	6340 ON GROUND LVL 6750 ON TOP LVL	6490 ON GROUND LVL 6750 ON TOP LVL							

3 LVL PIT PUZZLE	MODEL NUMBER FOR GRID OF						
TOTAL NO. OF LEVELS	2	3	4	5	6	7	8
6	RR-PZ-33200	RR-PZ-33300	RR-PZ-33400	RR-PZ-33500	RR-PZ-33600	RR-PZ-33700	RR-PZ-33800
7	RR-PZ-43200	RR-PZ-43300	RR-PZ-43400	RR-PZ-43500	RR-PZ-43600	RR-PZ-43700	RR-PZ-43800
8	RR-PZ-53200	RR-PZ-53300	RR-PZ-53400	RR-PZ-53500	RR-PZ-53600	RR-PZ-53700	RR-PZ-53800
9	RR-PZ-63200	RR-PZ-63300	RR-PZ-63400	RR-PZ-63500	RR-PZ-63600	RR-PZ-63700	RR-PZ-63800



HORIZONTAL CIRCULATION SYSTEM FOR SEDAN/SUV

RR-HC-20000

Key Advantages

- Facilitates efficient space utilization in basement parking lot
- User safety and comfort oriented design
- Easy PLC type controls
- Variation available upto 4 levels
- Fully automatic operation

TWO LEVELS	ROW	RR-HC-24000	RR-HC-25000	RR-HC-26000	RR-HC-27000	RR-HC-28000	RR-HC-29000	RR-HC-21000	RR-HC-21100
	CAPACITY	10	12	14	16	18	20	22	24
THREE LEVELS	ROW	RR-HC-34000	RR-HC-35000	RR-HC-36000	RR-HC-37000	RR-HC-38000	RR-HC-39000	RR-HC-31000	RR-HC-31100
	CAPACITY	14	17	20	23	26	29	32	35
FOUR LEVELS	ROW	RR-HC-44000	RR-HC-45000	RR-HC-46000	RR-HC-47000	RR-HC-48000	RR-HC-49000	RR-HC-41000	RR-HC-41100
	CAPACITY	18	22	26	30	34	38	42	46
LENGTH INSIDE THE BUILDING (L)		14800	17050	19300	21550	23800	26050	28300	30550

HORIZONTAL CIRCULATION SYSTEM FOR SEDAN				
HEIGHT INSIDE THE BUILDING	LEVEL	TWO LEVELS	THREE LEVELS	FOUR LEVELS
	H	4900	6900	8700
	H1	4300	6300	8100

HORIZONTAL CIRCULATION SYSTEM FOR SUV				
HEIGHT INSIDE THE BUILDING	LEVEL	TWO LEVELS	THREE LEVELS	FOUR LEVELS
	H	5900	8100	10300
	H1	5100	7300	9500

Key Advantages

- Multiple installations possible
- 8 to 14 cars per module
- Clockwise & anticlockwise rotation for faster retrieval

SHAFT DIMENSIONS

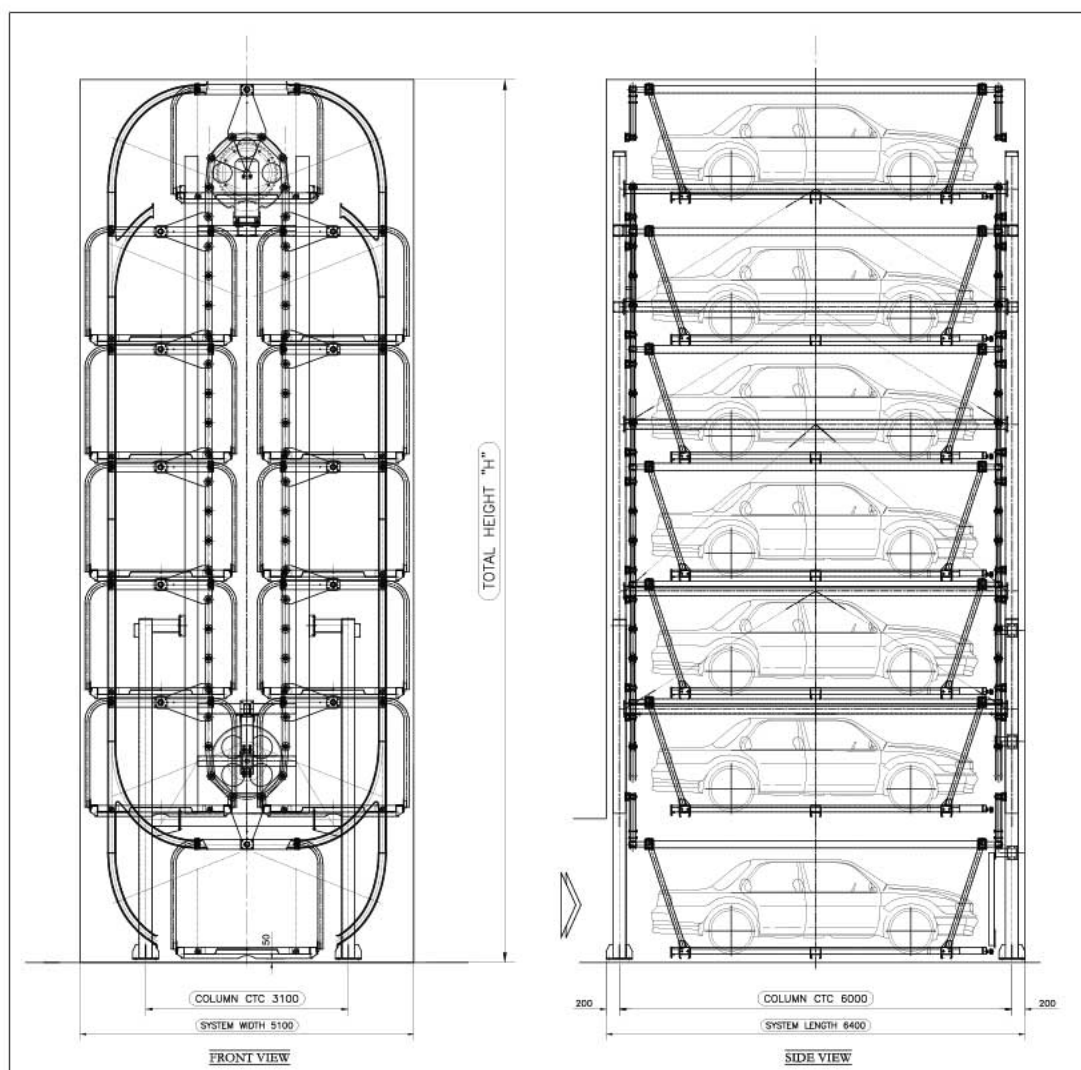
TYPE	NO. OF CARS	"H" IF IN OPEN	"H" IF IN STILT
RR-MR-08000	08	9900	10800
RR-MR-10000	10	11700	12600
RR-MR-12000	12	13500	14400
RR-MR-14000	14	15300	16200

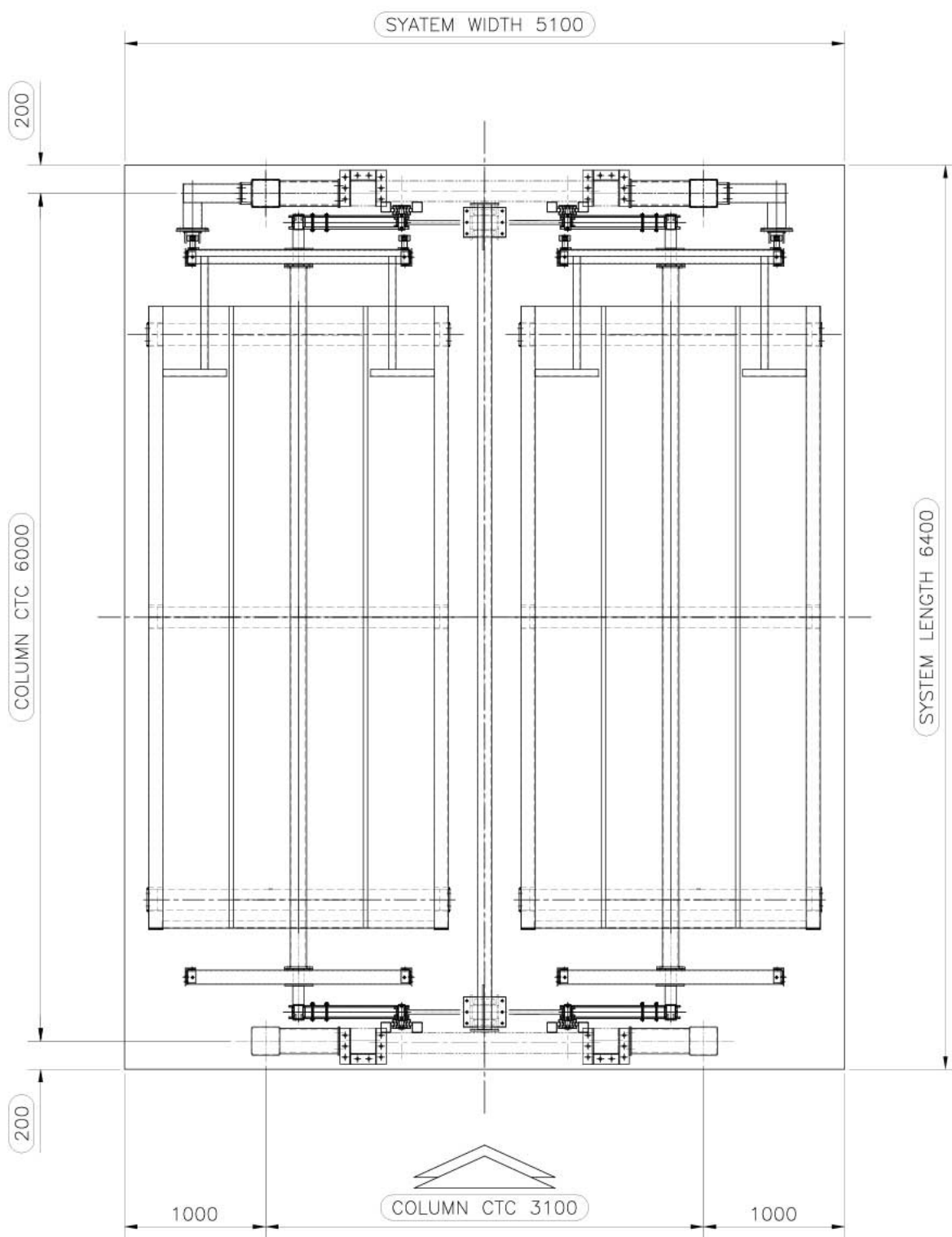
SHAFT DIMENSIONS

SYSTEM WIDTH	5100 MM
SYSTEM LENGTH	6400 MM

CAR DATA

HEIGHT	MAX 1550 MM
WIDTH	2000 WITH MIRROR
WEIGHT	MAX 1850 KG.
WHEEL LOAD	MAX 500 KG.
LENGTH	MAX 5000 MM





TOP VIEW

Key Advantages

- Space effective installation
- Easy maintenance
- Reliable operations

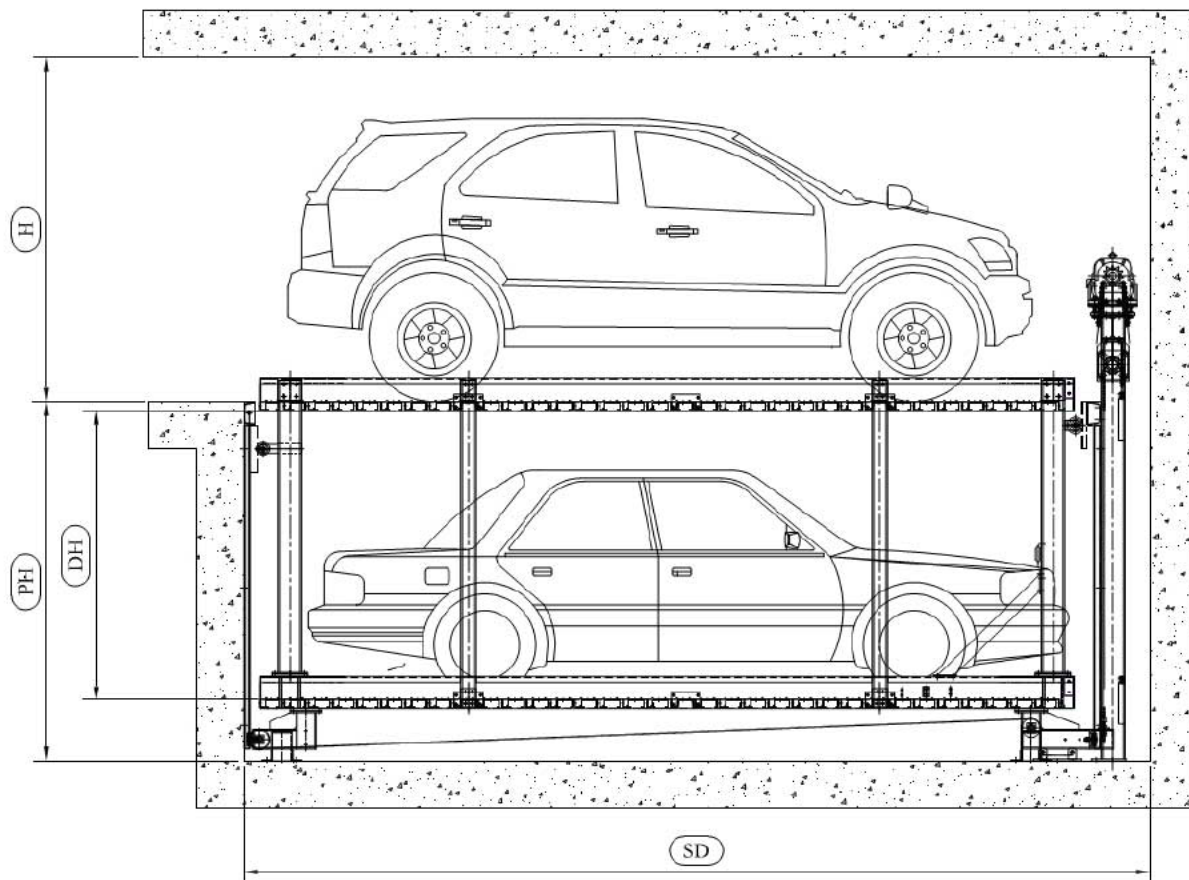
SHAFT DIMENSIONS

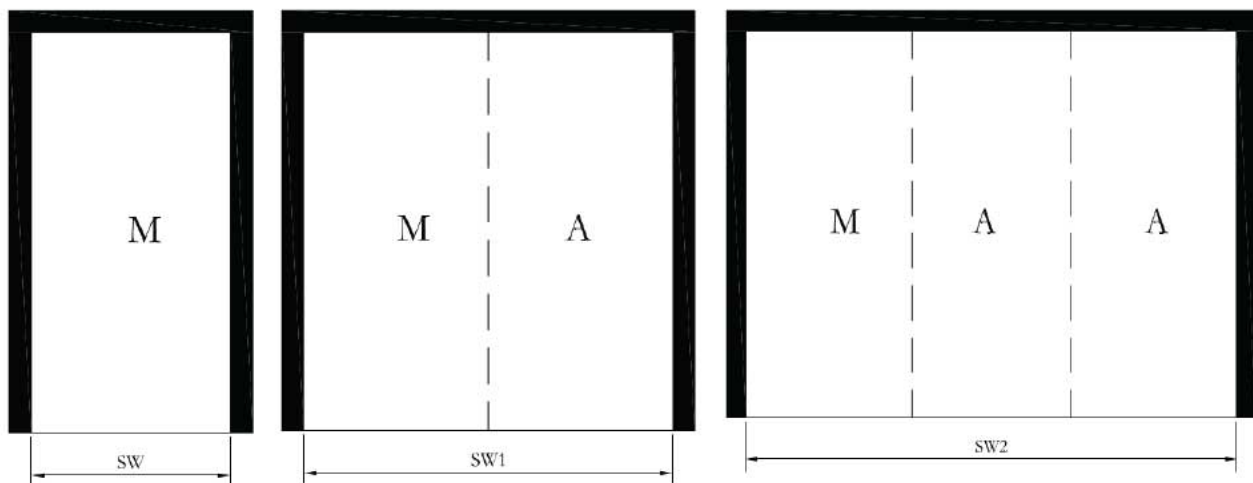
TYPE	H	DH	PH	(PIT + GF)
RR-DS-11000	2200	1850	2300	SEDAN+SUV
	2400	2050	2500	SUV+SUV

CAR DIMENSIONS

HEIGHT					
TYPE	H	PH	BASEMENT	UPPER	(PIT + GF)
RR-DS-11000	2200	2300	1550	2100	SEDAN+SUV
	2400	2500	2000	2100	SUV+SUV

LENGTH		
TYPE	CAR LENGTH	SD
RR-DS-11000	5000	5550
	4800	5400





	WIDTH	MAIN (M) SW	M + A SW1	M + 2A SW2
USABLE PALLET	2000	2500	4750	7000
	2200	2700	5150	7600

Key Advantages

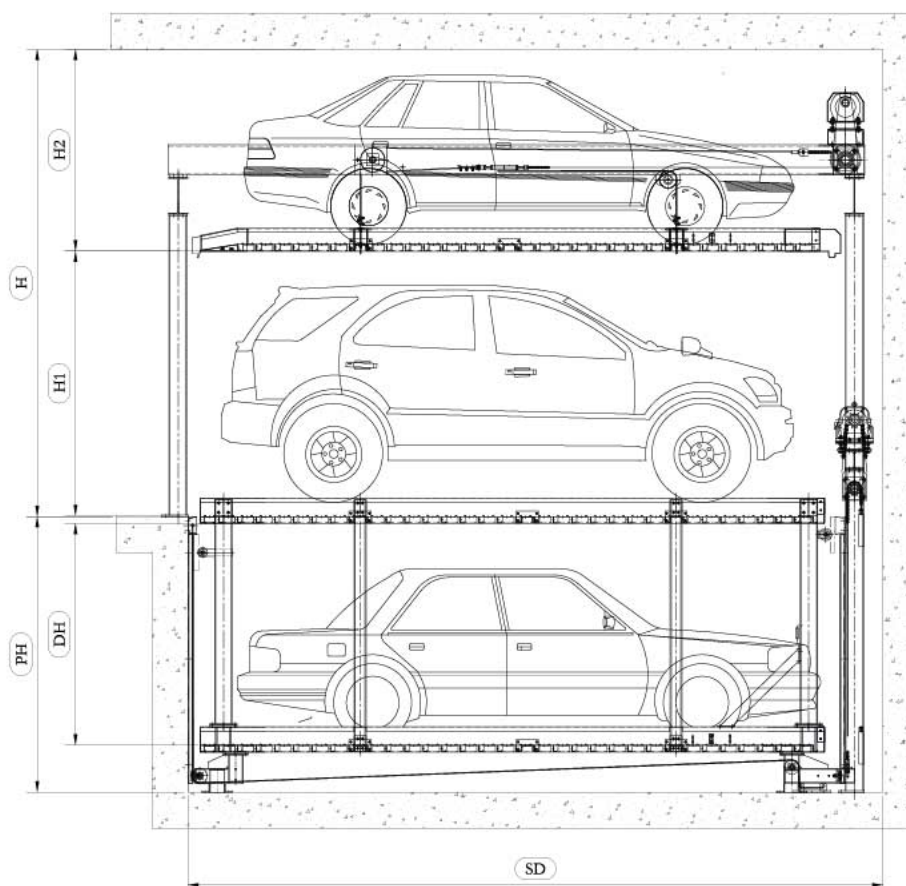
- Space effective installation
- Easy maintenance
- Reliable operations

SHAFT DIMENSIONS

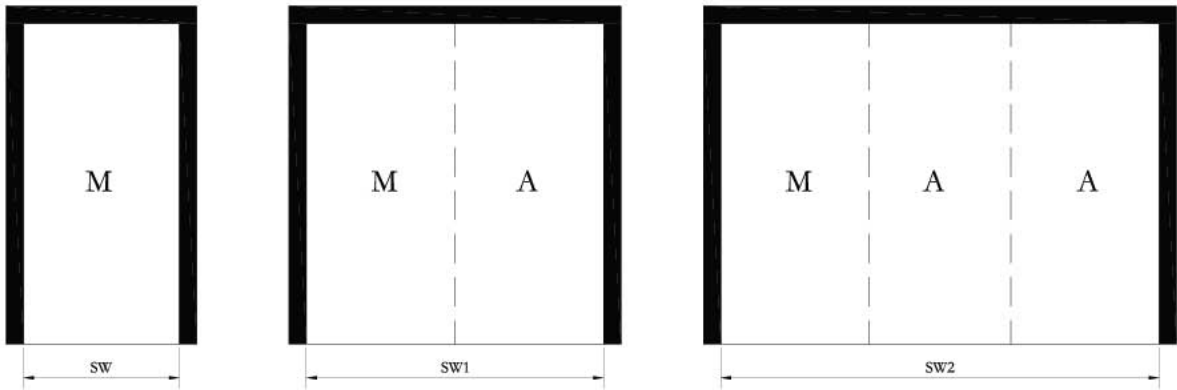
TYPE	H1	H2	H	DH	PH	(PIT + GF + 2F)
RR-DS-21000	2200	1700	3900	1850	2300	SEDAN+SUV+SEDAN
	2400	1700	4100	2050	2500	SUV+SUV+SEDAN
	2200	2200	4400	1850	2300	SEDAN+SUV+SUV
	2400	2200	4600	2050	2500	SUV+SUV+SUV

CAR DIMENSIONS

TYPE	H	PH	BASEMENT	GF	UPPER	(PIT + GF + 2F)
RR-DS-21000	3900	2300	1550	2050	1550	SEDAN+SUV+SEDAN
	4100	2500	2000	2050	1550	SUV+SUV+SEDAN
	4400	2300	1550	2050	2050	SEDAN+SUV+SUV
	4600	2500	2000	2050	2050	SUV+SUV+SUV



LENGTH		
TYPE	CAR LENGTH	SD
RR-DS-21000	5150	5700
	5000	5550
	4800	5400



	WIDTH (2F)	WIDTH (GF,PIT)	MAIN (M) SW	M + A SW1	M + 2A SW2
USABLE PALLET	2000	2150	2650	5050	7450
	2200	2350	2850	5450	8050

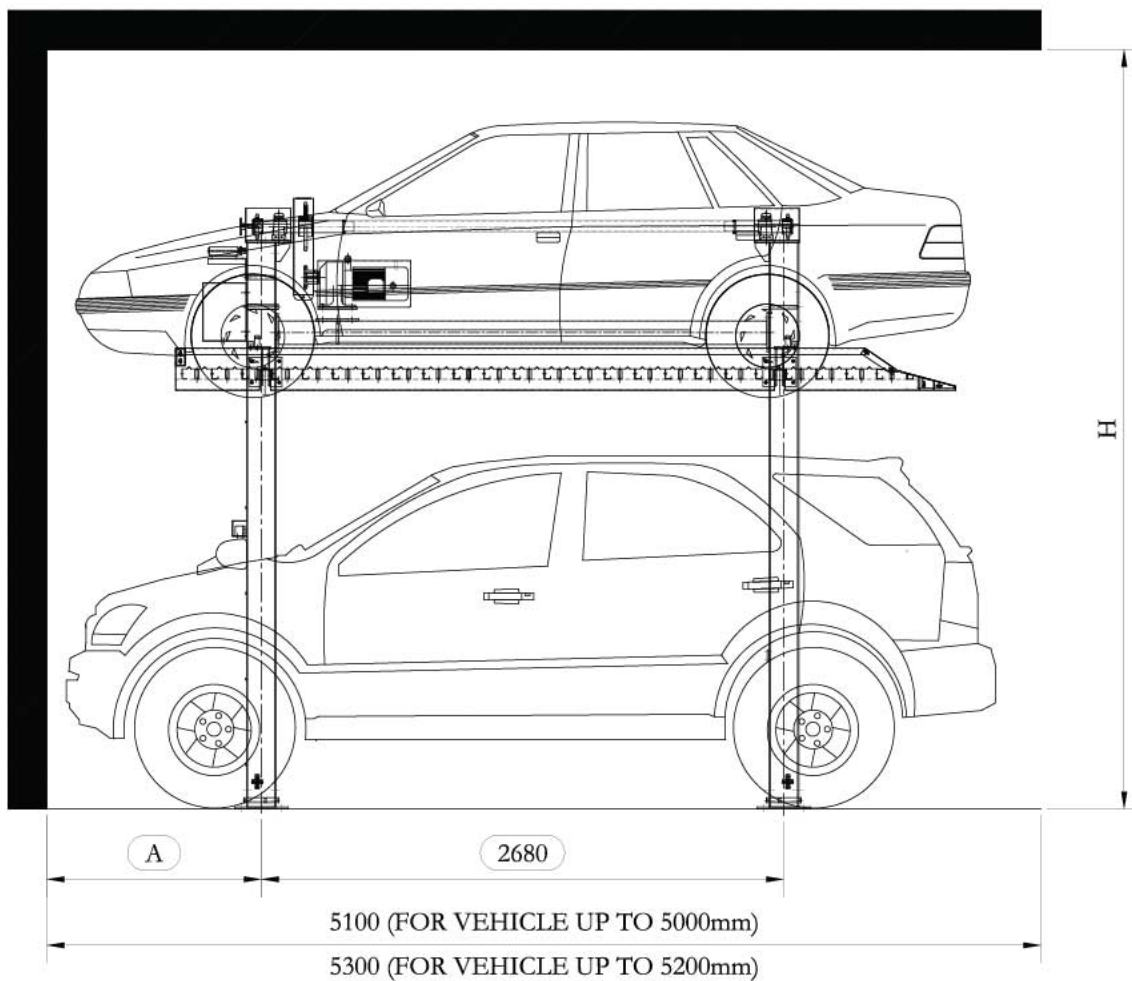
Key Advantages

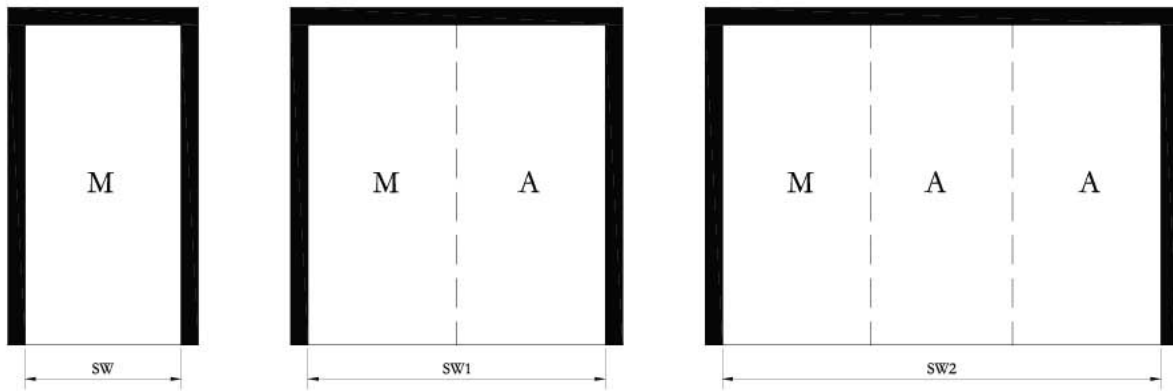
- Simple operation
- Easy maintenance
- Low power consumption
- Ideal for bungalows & apartment owners
- Individually motorized systems

CAR DATA

TYPE	H	UPPER	LOWER	
RR-TP-20000	3600	1550	1800	SEDAN + SEDAN
	3900	1550	2100	SEDAN + SUV
	4200	1850	2100	TALL BOY + SUV
	4400	2050	2100	SUV + SUV

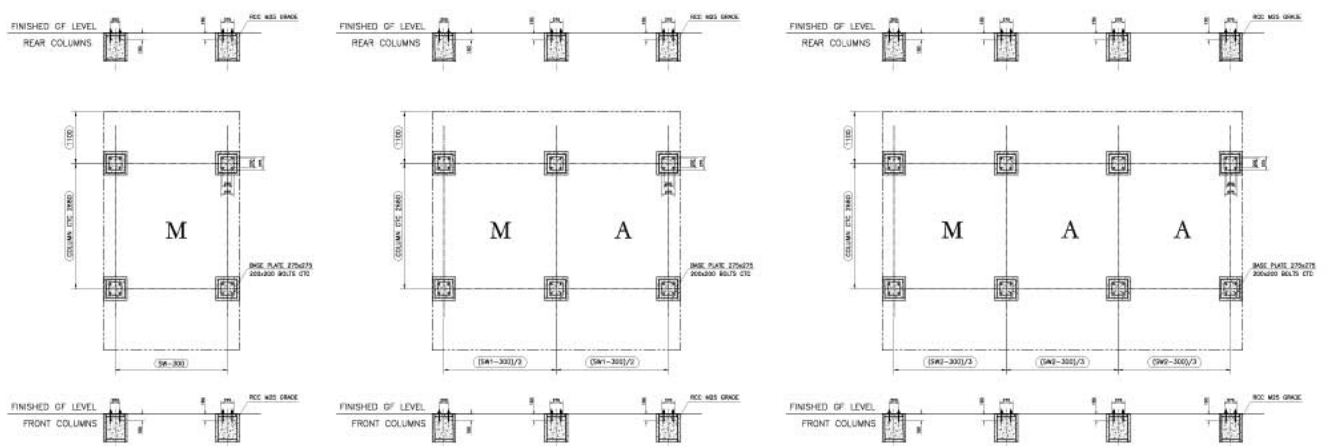
WIDTH	2000 WITH MIRROR (STD. 2700)
WEIGHT	MAX 2000 KG.
WHEEL LOAD	MAX 500KG.





	WIDTH	MAIN (M) SW	M + A SW1	M + 2A SW2
	2000	2600	4900	7200
USABLE PALLET	2100	2700	5100	7500
	2200	2800	5300	7800

LENGTH		
SHAFT LENGTH	CAR LENGTH	A
5100	5000	1100
5300	5200	1100



Key Advantages

- Saves floor space
- Smoother and superior ride comfort
- PLC based operation
- Traction and Hydraulic options available
- 2.5 & 3 ton capacities available

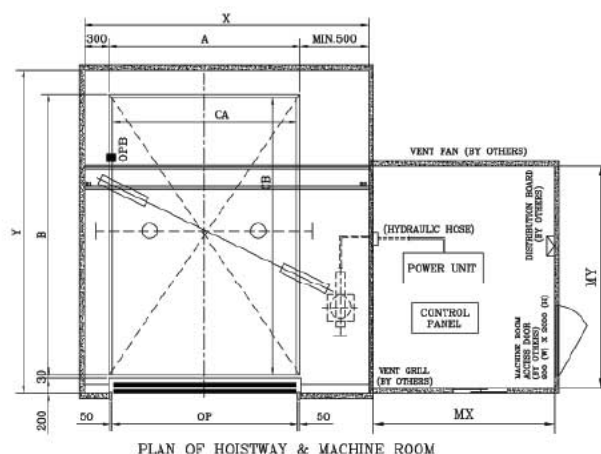
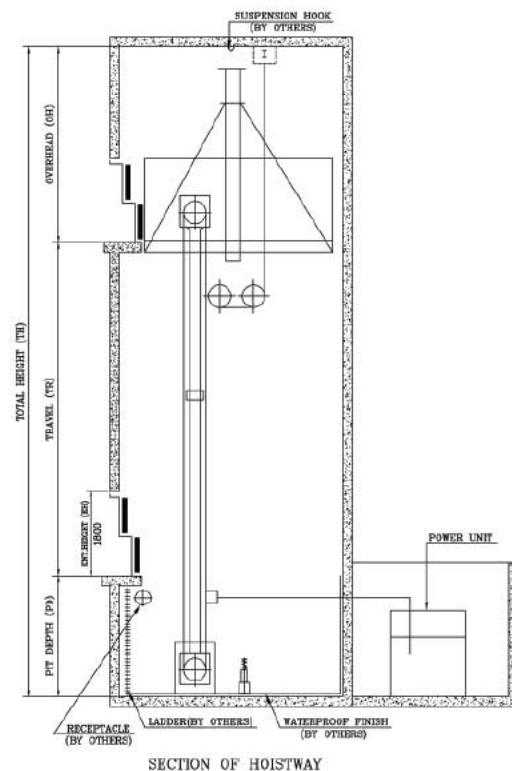
BUILDING REQUIREMENTS

SPEED (M/MIN)	OVERHEAD (OH)	PIT DEPTH (PD)	M/C ROOM HEIGHT (MH)
20, 30	3600	1200	2000

STANDARD DIMENSIONS & REACTIONS

TYPE	MODEL	SPEED (M/MIN)	CLEAR OPENING	CAR		HOISTWAY	M/C ROOM	MACHINE ROOM	
			OP	INTERNAL CA x CB	EXTERNAL A x B			R1	R2
STANDARD TYPE	RRI-CLH2000-2U	20, 30, 45	2350	2350 x 5300	2450 x 5300	3300 x 5700	2500 x 2800	5500	250
	RRI-CLH2500-2U	20, 30, 45	2750	2750 x 6300	2850 x 6300	3600 x 6700	2500 x 2800	6400	300
DOUBLE ENTRANCE TYPE	RRI-CLH2000-2UD	20, 30, 45	2350	2350 x 5300	2450 x 5300	3300 x 6000	2500 x 2800	5500	250
	RRI-CLH2500-2UD	20, 30, 45	2750	2750 x 6300	2850 x 6300	3600 x 7000	2500 x 2800	6400	300

• Available in 2 ton & 2.5 tons capacity



NOTES:

1. The car external sizes can be varied in line with entrance type.
2. The above are minimum sizes.
3. All dimensions are in mm.

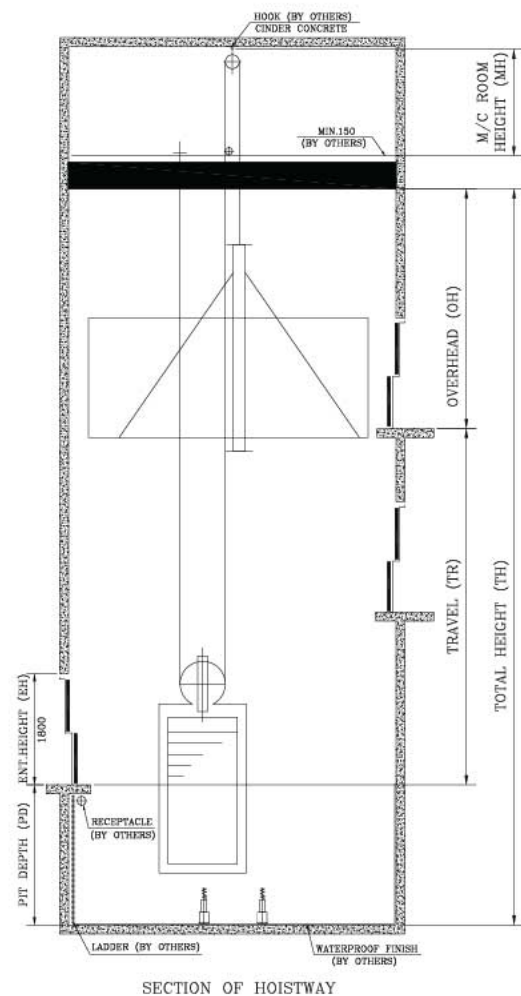
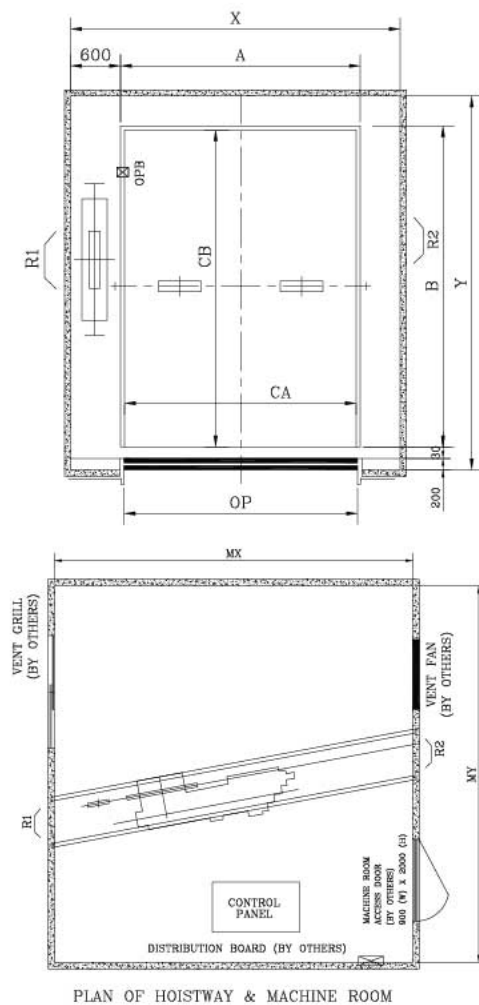
BUILDING REQUIREMENTS

SPEED (M/MIN)	OVERHEAD (OH)	PIT DEPTH (PD)	M/C ROOM HEIGHT (MH)
30, 45	4400	1200	2400

STANDARD DIMENSIONS & REACTIONS

TYPE	MODEL	SPEED (M/MIN)	CLEAR OPENING OP	CAR		HOISTWAY X x Y	M/C ROOM MX x MY	MACHINE ROOM	
				INTERNAL CA x CB	EXTERNAL A x B			R1	R2
STANDARD TYPE	RR-CLH2000-2U	30, 45	2350	2350 x 5300	2450 x 5300	3300 x 5700	3300 x 5800	17500	12000
	RR-CLH2500-2U	30, 45	2750	2750 x 6300	2850 x 6300	3600 x 6700	3600 x 6800	22500	12500
DOUBLE ENTRANCE TYPE	RR-CLH2000-2UD	20, 30, 45	2350	2350 x 5300	2450 x 5300	3300 x 6000	3300 x 5800	17500	12000
	RR-CLH2500-2UD	20, 30, 45	2750	2750 x 6300	2850 x 6300	3600 x 7000	3600 x 6800	22500	12500

* Available in 2 ton & 2.5 tons capacity



NOTES:

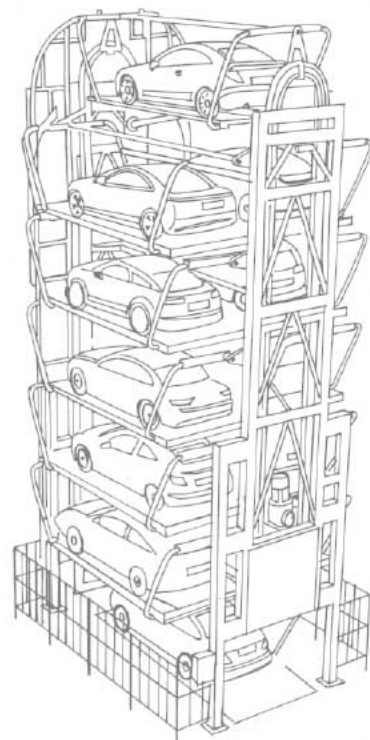
1. The car external sizes can be varied in line with entrance type.
2. The above are minimum sizes.
3. When non-standard capacities & dimensions are required, consult Ram Ratna Infrastructure Pvt. LTD.
3. All dimensions are in mm.

CUSTOMIZED SOLUTIONS

RR Parkon has 15 years of experience in automated car parking systems. All systems are indigenously designed, manufactured and installed by the team of highly qualified engineers and technicians.

We have a wide range of systems which can be engineered as per the requirements of the customers. We offer TOWER PARKING systems as it is a very space effective system which is easy to be maintained and can be erected as a standalone structure with human oriented design and computerized control systems. Our products like 1, 2, 3 IN PIT PUZZLE and OG PUZZLE parking systems can have multiple entries to reduce wastage of time and can be maintained easily with low operating costs while coming in different variants. We also have systems like HORIZONTAL CIRCULATION SYSTEM FOR SEDAN/SUV which facilitates efficient utilization of space in basement parking lot. It has a user safe and comfort oriented design and the operations of the systems are fully automatic. Then we have MINI ROTARY SYSTEM in which multiple installations are possible and can fit in 8 to 14 cars which can be rotated clockwise as well as anti-clockwise for a faster retrieval. We also provide 2S, 3S DEPENDENT STACK parking system which is also really space effective and easy to be maintained system. RR Parkon recommends TWIN PARK SYSTEM which can be operated in a simple way, can be maintained easily. The power consumption is also less. This system is ideal for bungalows and apartments owners. We also tender HYDRAULIC and TRACTION TYPE CAR LIFTS which saves floor space for a smoother interior ride comfort. Both hydraulic and traction options are available with the capacity of 2.5 and 3 tons.

we also provide customized services solutions that best meet and can be developed as per the need of the customers. Rich experience and ability to adapt has made RR Parkon a preferred brand for parking and maintenance services.



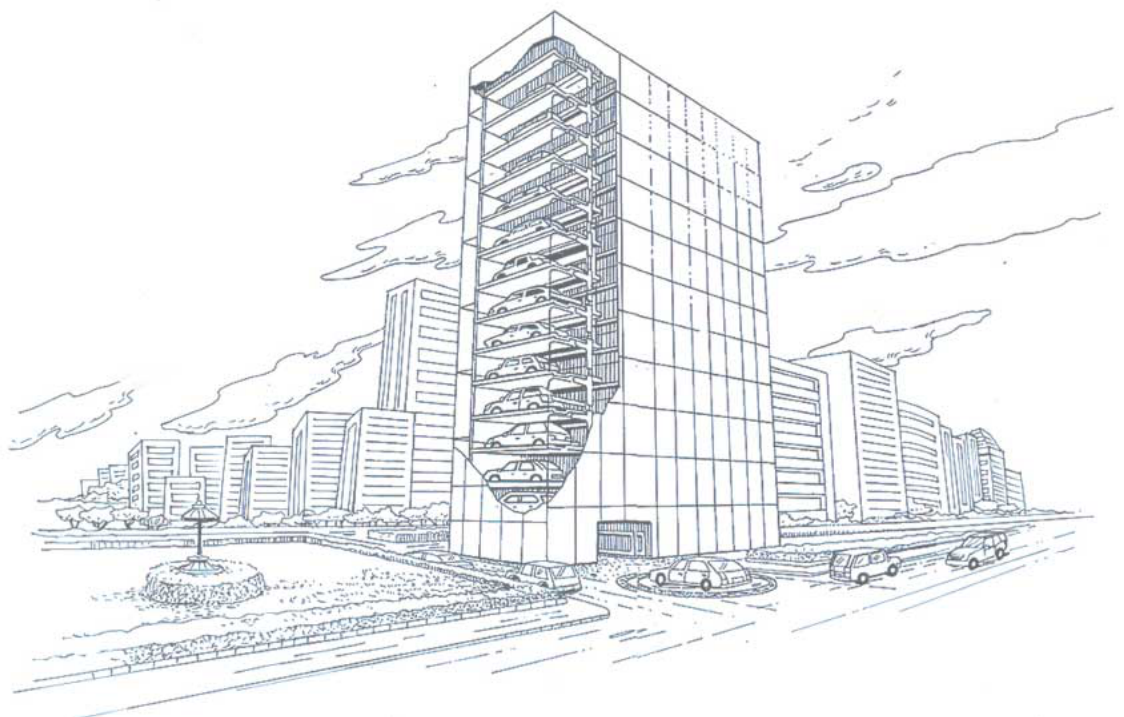
LANDMARK PROJECTS

Landmark project 1

Project	Shangri –La
Project Type	5 Star Luxury Hotel
Project Location	Palace Road, Vasant Nagar, Bengaluru
System Type	8 level Puzzle Parking (6 levels above Ground + 2 levels in Pit)
USP	Total 156 car spaces (in place 22 cars) Tallest mechanical parking system in Bengaluru.

Landmark project 2

Project	PLATINA
Project Type	Commercial & Retail
Project Location	Madhapur, Hitec City, Hyderabad
System Type	Twin Park System
No of Modules	238 nos (478 car spaces)
USP	Milestone with most awarded commercial project in the city, LEED certified building, Multi tenants





CLIENT TESTIMONIALS

It has been a year since we have installed RR Parkon car parking systems with overall 2070 car spaces at Worldmark 1, 2 and 3, Bharti Realty Holdings Limited, Aerocity, New Delhi and the comprehensive AMC, operations and maintenance provided by Ram Ratna Infrastructure Pvt. Ltd. Over the past one year are satisfactory and with perfect maintenance by the company there has not been any major breakdowns and hitches as well the system is up to date in terms of technology. The assistance quality provided by the company is commendable and we appreciate their commitment.

- *Worldmark 1, 2 and 3, Bharti Realty Holdings Limited, Aerocity, New Delhi.*

Bird Automotive Pvt. Ltd. An authorized BMW Dealer installed couple of car lifts in their facility which is maintained by Ram Ratna Infrastructure Pvt. Ltd. And we confirm that the systems are working properly without and major hitches along with less number of complaints and problems we have got since the time we started working with them.

- *Bird Automotive Pvt. Ltd.*

In the year 2016, we contacted RR Parkon for the installation of Automated Mechanical parking system at GAIL, Jubilee Tower, B-35-36, Sector-1, Noida and the comprehensive operation and maintenance services of the system are being provided by Ram Ratna Infrastructure Pvt. Ltd. And we are really satisfied by the quality standards and services rendered by the company.

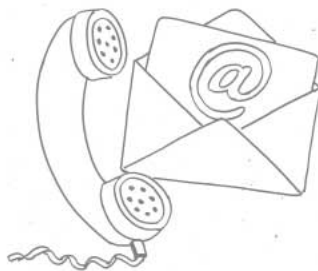
- *GAIL, Jubilee Tower, B-35-36, Sector-1, Noida.*

We are pleased to inform you that since the modernization of our passenger lift has been carried out, i.e. since 14th September 2014, the lift is functioning very satisfactorily without any breakdown and hitches and it has been maintained and serviced regularly by RR Parkon team and we highly satisfied with their service and with the performance of the lift.

- *Hotel Blue Lagoon, Daman.*



CONTACT



RAM RATNA INFRASTRUCTURE PVT. LTD. (RR GLOBAL COMPANY)

Regd. Office :

Ram Ratna House, Oasis Complex, P. B. Marg, Worli, Mumbai - 400 013.

T : +91-22-2494 9009 / 2492 4144 • **F :** +91-22-2491 0364

E : mumbai.rrparkon@rrglobal.in

Corp. Office :

305/A, Windsor Plaza, R. C. Dutt Road, Alkapuri, Vadodara - 390 007.

T : +91-265-2321 891 / 2 / 3 • **F :** +91-265-2321 894

E : vadodara.rrparkon@rrglobal.in

Bengaluru : 080-4125 0079 / 4090 2221, **Chennai :** 044-2829 2329 / 2429,

Jaipur : 0141-2363 527, **Kolkata :** 033-3251 5253 / 2217 8078, **Lucknow :** 0522-4113 745 / 46,

New Delhi : 011-4303 8395 / 2735 5477 / 78, **Pune :** 020-2567 7207

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