

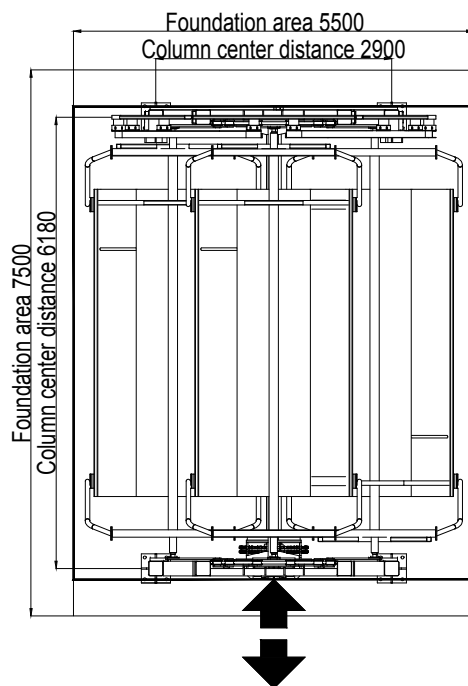
## Parameter introduction

NO.	Parameters			Remarks
1	Car size	Length ≤mm	5300	
2		Width ≤mm	2100	
3		Height ≤mm	1550	
4	Equipment Size	Weight ≤Kg	2150	
5		Length ≤mm	6380	
6		Width ≤mm	5286	
7		Height ≤mm	7055	
8	Max. Retrieve Car Time	sec	45	
9	Lifting Speedar Time	m/min	0-4.4	
10	Power	3phases 5 wires; 50/60HZ		
11	Motor	4KW		
12	Safety device:Light sensitive control			
13	Operation Control Mode:Button I/C card			

- 1.Vertical Rotary Parking System is designed to park 5cars. Suitable parking quantity is 5 cars.
- 2.Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

### 3 Layer 5 Cars Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	3 Layer 5 Cars Vertical Rotary Parking Equipment(Sedan)	
2	Equipment model	PCX5D	
3	Capacity Specifications	Car Dimension	(Length)5300mm*(Width)2100mm (Include Car Outside Wheel Width)*(Height)1550mm
		Car Weight	≤2150Kg
4	Occupy Space	Contour Size6.4m×5.3m	Base Area7.5m×5.5m
5	Total Height	7.055m	
6	Weight	13.1T	
7	Car Quantity	5 Cars(Mechanical Car Space)	
8	Motor Power	4KW (Germany SEW Motor)	
9	Cycle Speed	≤4.4m/min	
10	Max Take Car Time	≤45S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube180*180*6	
		Combination Frame Square Tube 180*180*6mm	
		Combination Main Frame Square Tube :150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
		Car Carry Plate Thickness 3mm	
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	



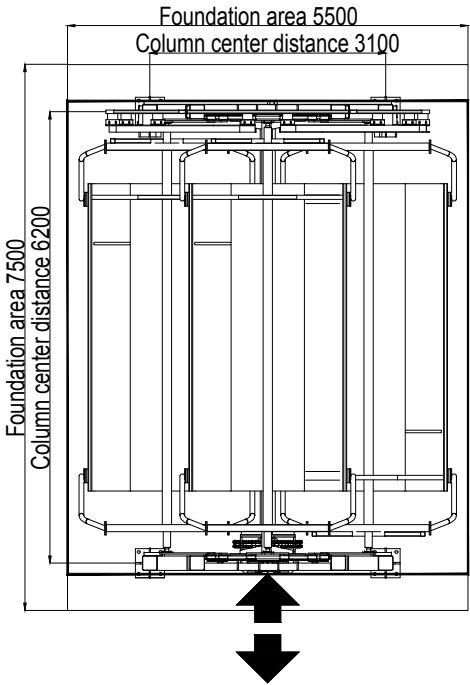
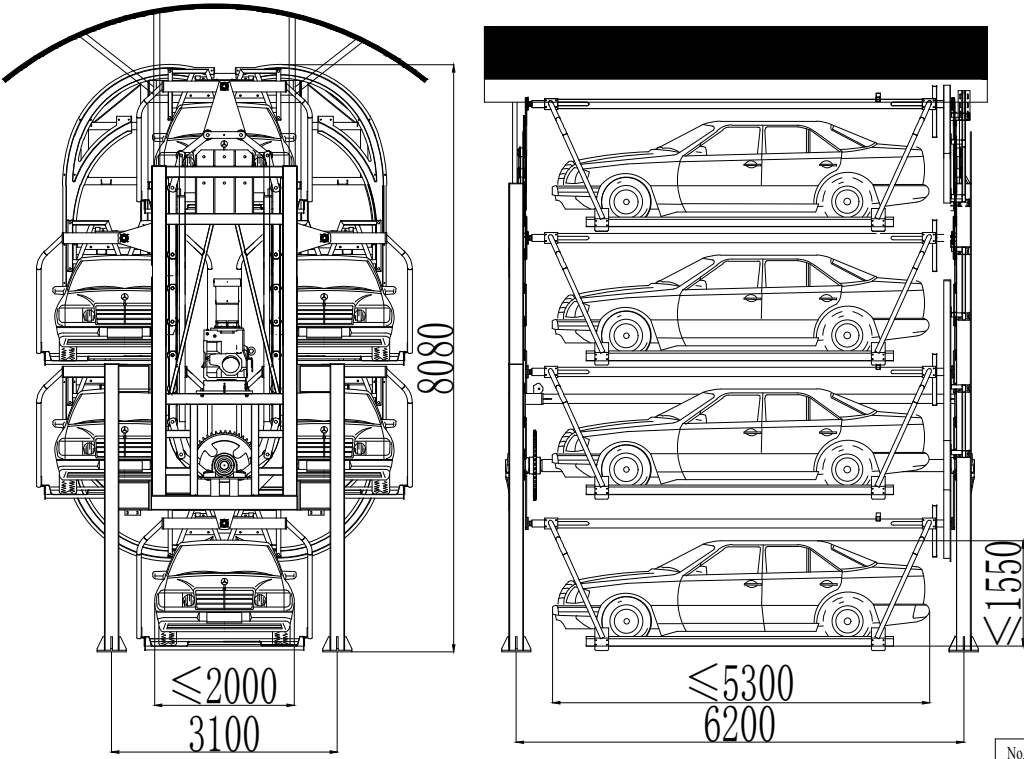
# Parameter introduction

NO.	Parameters			Remarks
1	Car size	Length ≤mm	5300	
2		Width ≤mm	2100	
3		Height ≤mm	1550	
4	Equipment Size	Weight ≤Kg	2150	
5		Length ≤mm	6400	
6		Width ≤mm	5200	
7		Height ≤mm	8080	
8	Max. Retrieve Car Time	sec	55	
9	Lifting Speedar Time	m/min	0-4.4	
10	Power	3phases 5 wires; 50/60HZ		
11	Motor	4KW		
12	Safety device:Light sensitive control			
13	Operation Control Mode:Button \IC card			

- 1.Vertical Rotary Parking System is designed to park 6cars. Suitable parking quantity is 6 cars.
- 2.Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

4 Layer 6 Cars Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	4 Layer 6 Cars Vertical Rotary Parking Equipment(Sedan)	
2	Equipment model	PCX6D	
3	Capacity Specifications	Car Dimension	(Length)5300mm×(Width)2100mm (Include Car Outside Wheel Width)×(Height)1550mm
		Car Weight	≤2150Kg
4	Occupy Space	Contour Size6.4m×5.2m	Base Area7.5m×5.5m
5	Total Height	8.08m	
6	Weight	14.7T	
7	Car Quantity	6 Cars(Mechanical Car Space)	
8	Motor Power	4KW (Germany SEW Motor)	
9	Cycle Speed	≤4m/min	
10	Max Take Car Time	≤55S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain; Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube200*200*6	
		Combination Frame Square Tube 200*200*6mm	
		Combination Main Frame Square Tube:150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
		Car Carry Plate Thickness 3mm	
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	



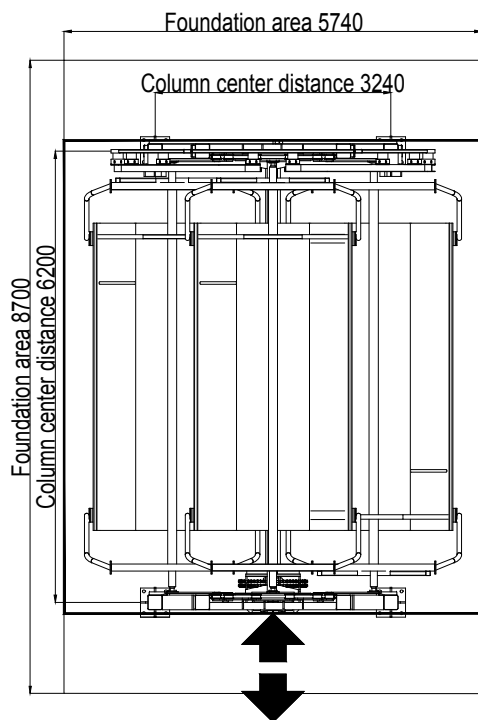
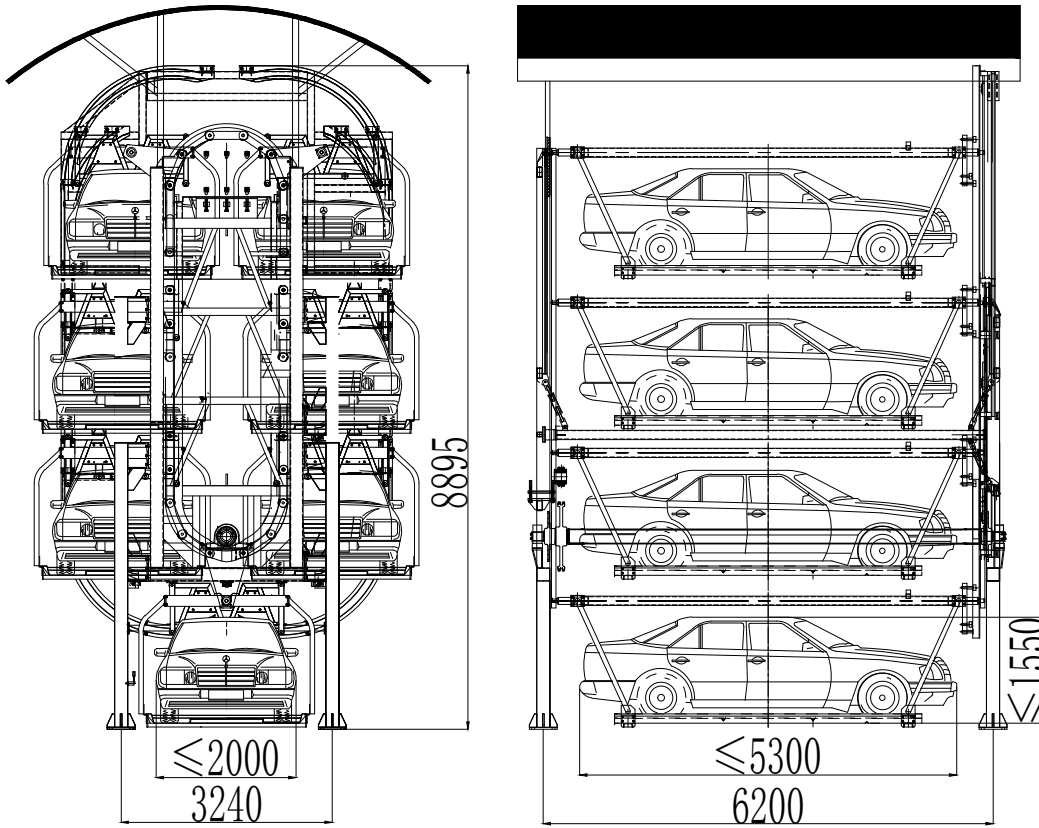
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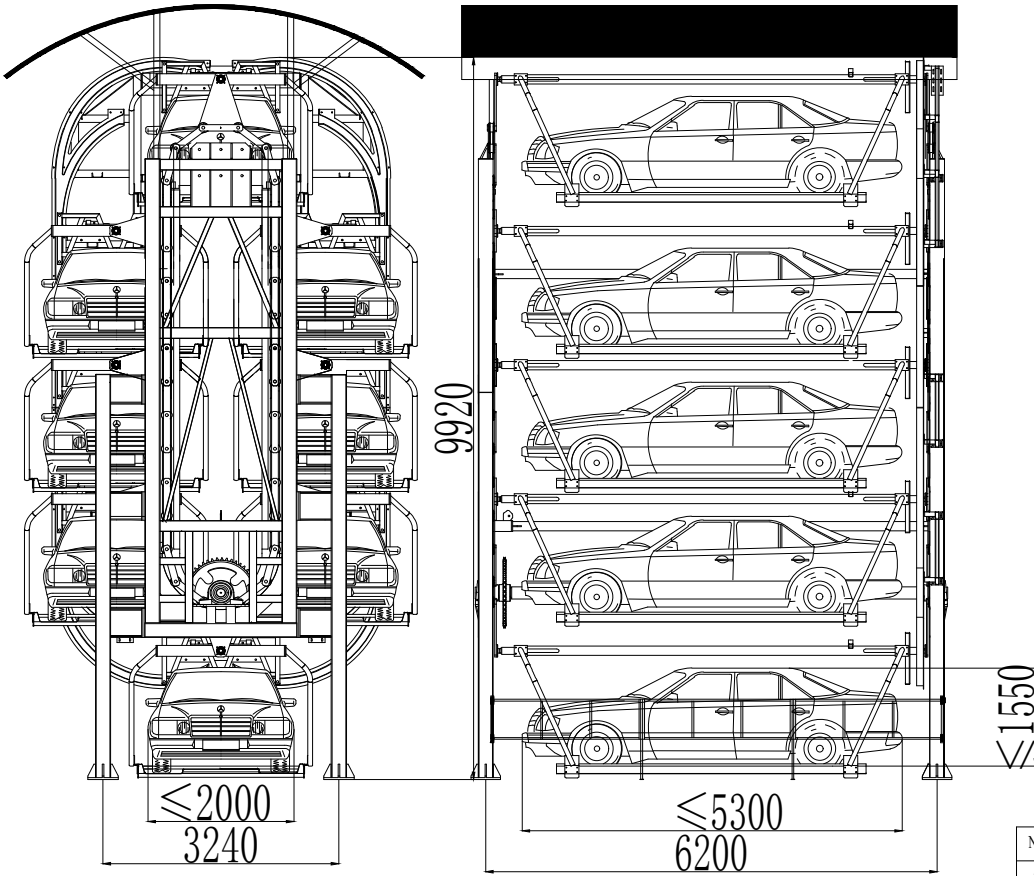
NO.	Parameters	Remarks
1	Length ≤mm	5300
2	Width ≤mm	2100
3	Height ≤mm	1550
4	Weight ≤Kg	2150
5	Length ≤mm	6400
6	Width ≤mm	5300
7	Height ≤mm	8895
8	Max. Retrieve Car Time	sec 65
9	Lifting Speedar Time	m/min 0-4.4
10	Power	3phases 5 wires; 50/60HZ
11	Motor	6KW
12	Safety device:Light sensitive control	
13	Operation Control Mode:Button \IC card	

- 1.Vertical Rotary Parking System is designed to park 7cars. Suitable parking quantity is 7 cars.
- 2.Perform standard “ Vertical Rotary Type of Mechanical Parking Equipment” JB/T10215-2000

## 4 Layer 7 Cars Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description
1	Device name	4 Layer 7 Cars Vertical Rotary Parking Equipment(Sedan)
2	Equipment model	PCX7D
3	Capacity Specifications	Car Dimension (Length)5300mm×(Width)2100mm (Include Car Outside Wheel Width)×(Height)1550mm
	Car Weight	≤2150kg
4	Occupy Space	Contour Size6.4m×5.3m Base Area8.7m×5.74m
5	Total Height	8.895m
6	Weight	16.7T
7	Car Quantity	7 Cars(Mechanical Car Space)
8	Motor Power	6KW (Germany SEW Motor)
9	Cycle Speed	≤4.4m/min
10	Max Take Car Time	≤65S
11	Enter Method	Forward Entry, Backward Exit
12	Operation Interface	Button+ IC Card
13	Control Mode	PLC Control (Schneider Brand)
14	Operation Control Mode	Normal or Frequency Invert
15	Drive Mode	Motor+ Gearbox + Chain
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr
17	Safety Factor	Lift System ≥7
	Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.
19	Power	3 Phase 5 Wire; AC 380V 50Hz
20	Frame Structure	Column Square Tube200*200*6
		Combination Frame Square Tube 200*200*6mm
		Combination Main Frame Square Tube:150*100*6mm
		Car Carry Plate Hanging Beam Φ63*6mm
		Car Carry Plate Thickness 3mm
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement





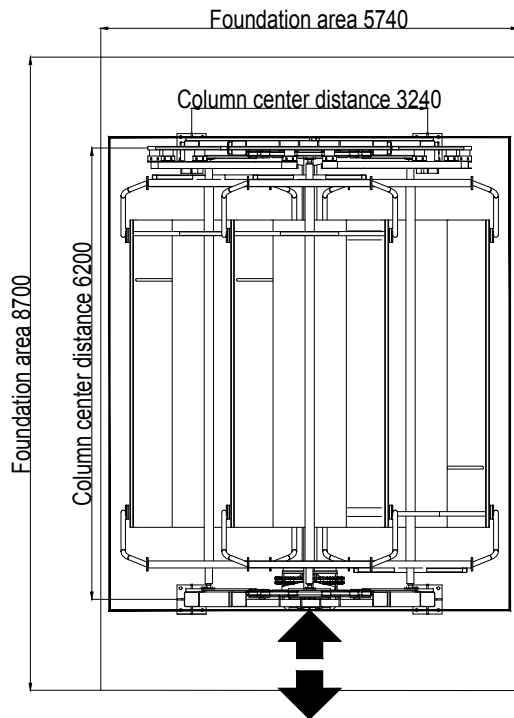
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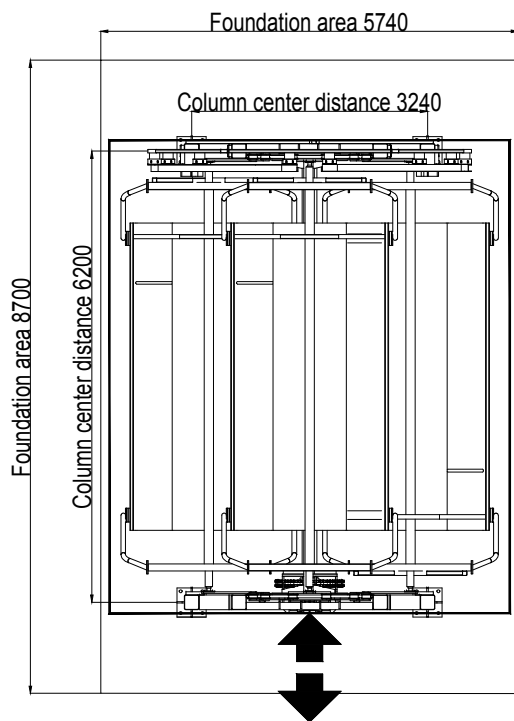
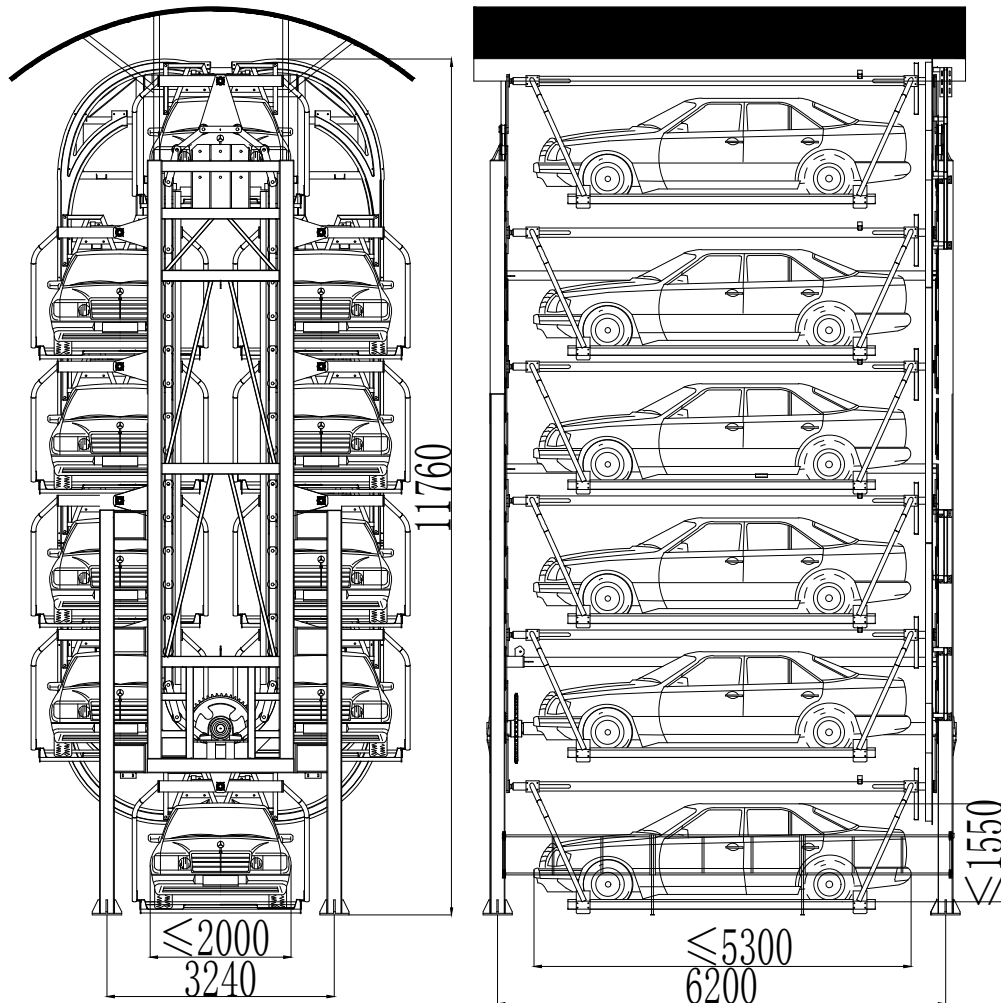
NO.	Parameters	Remarks	
1	Length ≤mm	5300	
2	Car size	Width ≤mm	2100
3		Height ≤mm	1550
4		Weight ≤Kg	2150
5	Equipment Size	Length ≤mm	6400
6		Width ≤mm	5200
7		Height ≤mm	9920
8	Max. Retrieve Car Time	sec	70
9	Lifting Speedar Time	m/min	0-4.4
10	Power	3phases 5 wires; 50/60Hz	
11	Motor	6KW	
12	Safety device:Light sensitive control		
13	Operation Control Mode:Button \IC card		

- 1.Vertical Rotary Parking System is designed to park 8cars. Suitable parking quantity is 8 cars.
- 2.Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

5 Layer 8 Cars Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description
1	Device name	5 Layer 8 Cars Vertical Rotary Parking Equipment(Sedan)
2	Equipment model	PCX8D
3	Capacity Specifications	Car Dimension (Length)5300mm*(Width)2100mm (Include Car Outside Wheel Width)*(Height)1550mm
	Car Weight	≤2150Kg
4	Occupy Space	Contour Size6.4m*5.2m Base Area8.7m*5.74m
5	Total Height	9.92m
6	Weight	22.1T
7	Car Quantity	8 Cars(Mechanical Car Space)
8	Motor Power	6KW (Germany SEW Motor)
9	Cycle Speed	≤4.4m/min
10	Max Take Car Time	≤70S
11	Enter Method	Forward Entry, Backward Exit
12	Operation Interface	Button+ IC Card
13	Control Mode	PLC Control (Schneider Brand)
14	Operation Control Mode	Normal or Frequency Invert
15	Drive Mode	Motor+ Gearbox + Chain
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr
17	Safety Factor	Lift System ≥7
	Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.
19	Power	3 Phase 5 Wire; AC 380V 50Hz
20	Frame Structure	Column Square Tube200*200*6
		Combination Frame Square Tube 200*200*6mm
		Combination Main Frame Square Tube:150*100*6mm
		Car Carry Plate Hanging Beam Φ63*6mm
	Car Carry Plate Thickness 3mm	
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement





## Parameter introduction

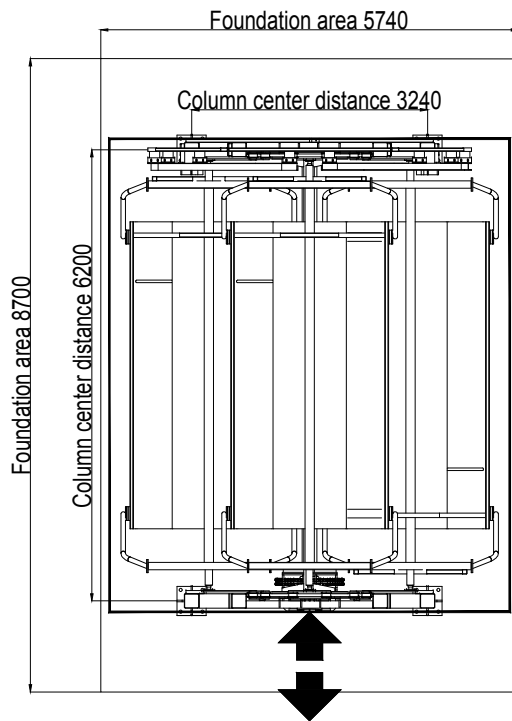
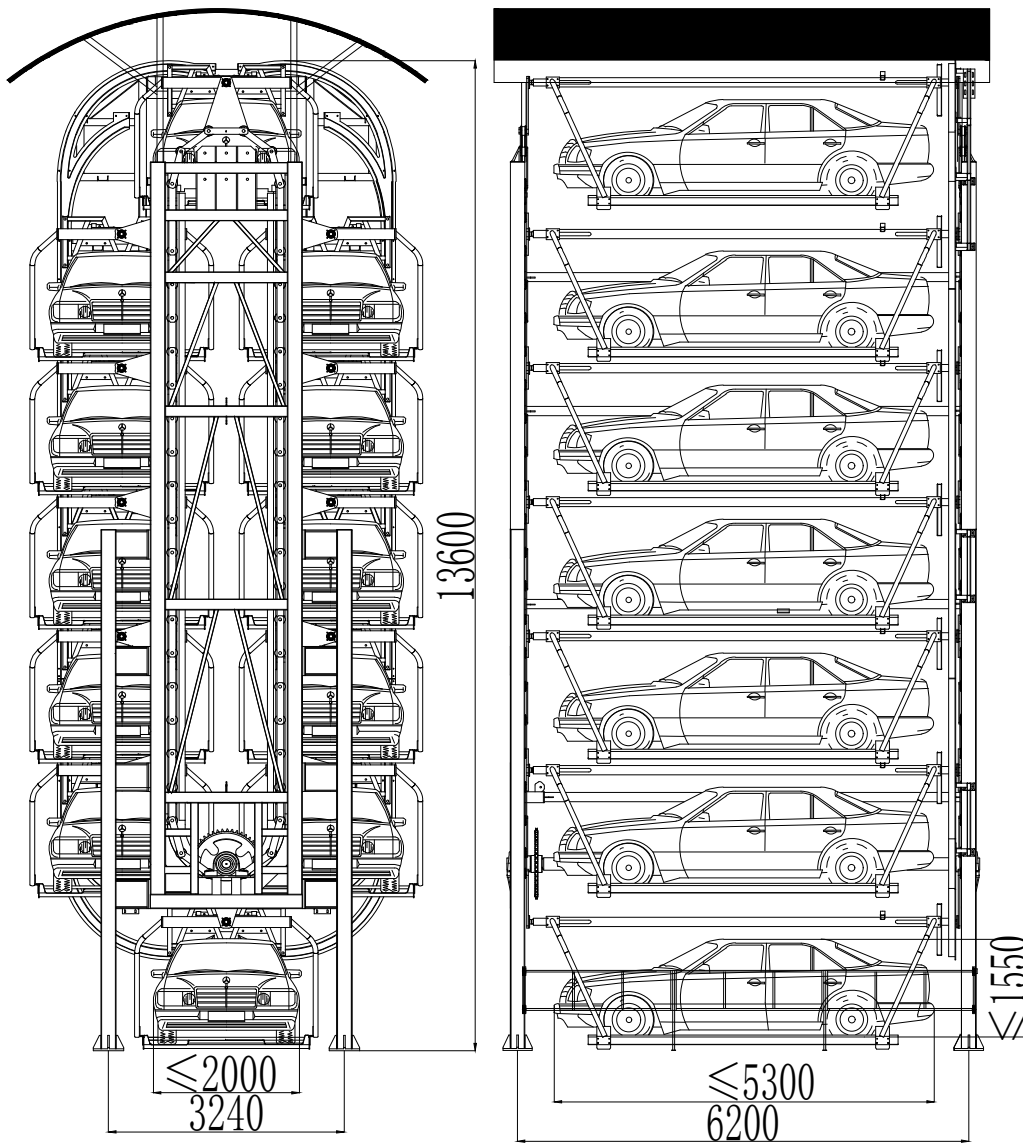
NO.	Parameters			Remarks
1	Car size	Length	≤mm	5300
2		Width	≤mm	2100
3		Height	≤mm	1550
4		Weight	≤Kg	2150
5	Equipment Size	Length	≤mm	6400
6		Width	≤mm	5200
7		Height	≤mm	11760
8	Max. Retrieve Car Time	sec		85
9	Lifting Speed	m/min		0-4.4
10	Power	3phases 5 wires; 50/60Hz		
11	Motor	7.5KW		
12	Safety device: Light sensitive control			
13	Operation Control Mode: Button / IC card			

1. Vertical Rotary Parking System is designed to park 10 cars. Suitable parking quantity is 10 cars.
2. Perform standard "Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

### 6 Layer 10 Cars Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	6 Layer 10 Cars Vertical Rotary Parking Equipment(Sedan)	
2	Equipment model	PCX10D	
3	Capacity Specifications	Car Dimension	(Length)5300mm×(Width)2100mm (Include Car Outside Wheel Width)×(Height)1550mm
		Car Weight	≤2150Kg
4	Occupy Space	Contour Size6.4m×5.2m	Base Area8.7m×5.74m
5	Total Height	11.76m	
6	Weight	22.1T	
7	Car Quantity	10 Cars(Mechanical Car Space)	
8	Motor Power	7.5KW (Germany SEW Motor)	
9	Cycle Speed	≤4.4m/min	
10	Max Take Car Time	≤85S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40 Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube200*200*6	
		Combination Frame Square Tube 200*200*6mm	
		Combination Main Frame Square Tube: 150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
		Car Carry Plate Thickness 3mm	
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	





## Parameter introduction

NO.	Parameters		Remarks
1	Car size	Length ≤mm	5300
2		Width ≤mm	2100
3		Height ≤mm	1550
4	Equipment Size	Weight ≤Kg	2150
5		Length ≤mm	6400
6		Width ≤mm	5200
7		Height ≤mm	13600
8	Max. Retrieve Car Time	sec	105
9	Lifting Speedar Time	m/min	0-4.4
10	Power	3phases 5 wires; 50/60Hz	
11	Motor	9.2KW	
12	Safety device:Light sensitive control		
13	Operation Control Mode:Button \IC card		

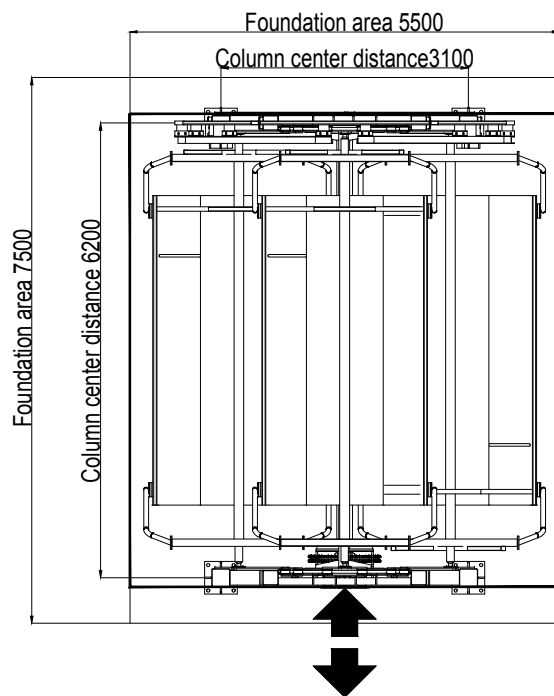
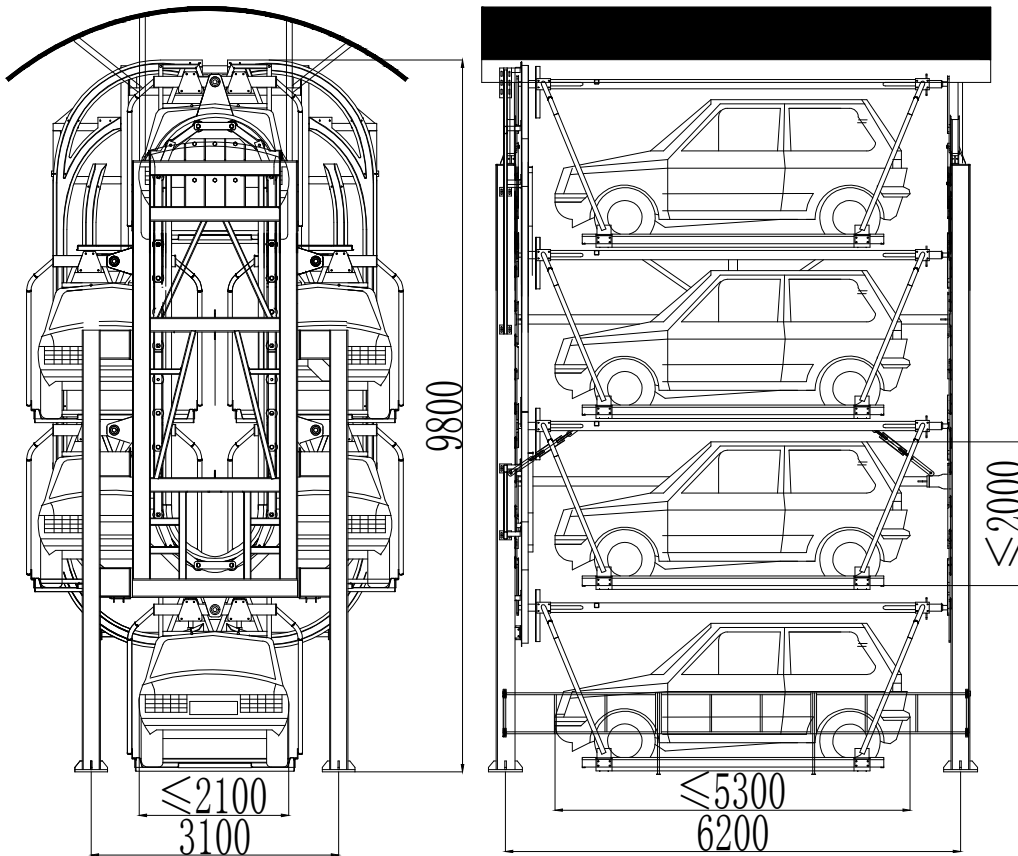
1.Vertical Rotary Parking System is designed to park 12 cars. Suitable parking quantity is 12 cars.

2.Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

7 Layer 12 Cars Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	7 Layer 12 Cars Vertical Rotary Parking Equipment(Sedan)	
2	Equipment model	PCX12D	
3	Capacity Specifications	Car Dimension	(Length)5300mm*(Width)2100mm (Include Car Outside Wheel Width)*(Height)1550mm
		Car Weight	≤2150Kg
4	Occupy Space	Contour Size6.4m*5.2m	Base Area8.7m*5.74m
5	Total Height	13.6m	
6	Weight	24.96T	
7	Car Quantity	12 Cars(Mechanical Car Space)	
8	Motor Power	9.2KW (Germany SEW Motor)	
9	Cycle Speed	≤4.4m/min	
10	Max Take Car Time	≤105S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years. After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube200*200*8	
		Combination Frame Square Tube 200*200*8mm	
		Combination Main Frame Square Tube:150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
		Car Carry Plate Thickness 3mm	
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	





## Parameter introduction

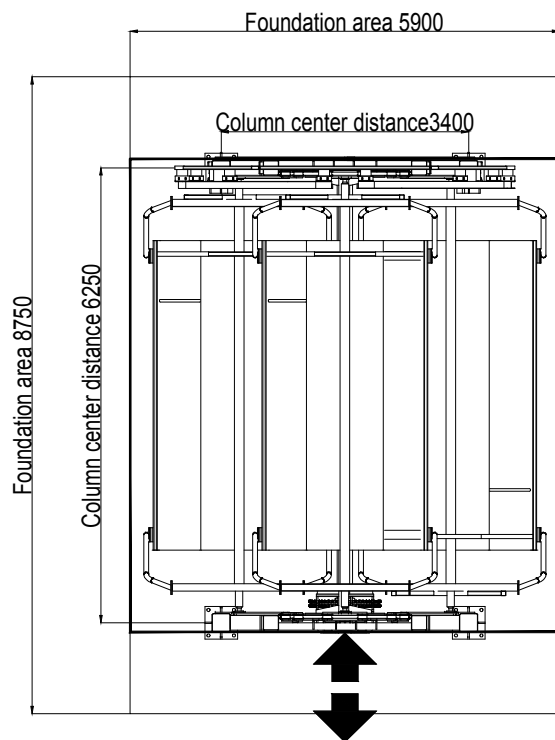
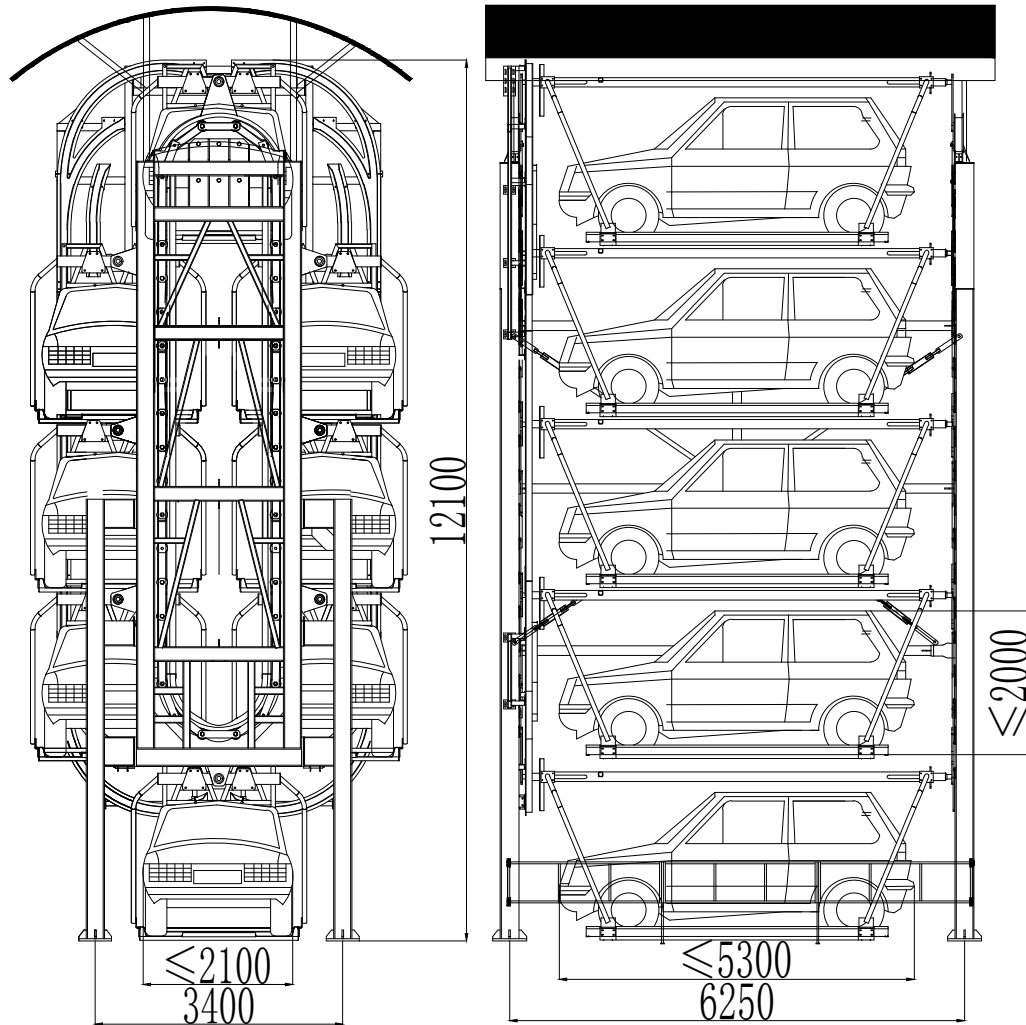
NO.	Parameters		Remarks
1	Car size	Length ≤mm	5300
2		Width ≤mm	2100
3		Height ≤mm	2000
4	Equipment Size	Weight ≤Kg	2500
5		Length ≤mm	6500
6		Width ≤mm	5400
7	Height ≤mm	12100	
8	Max. Retrieve Car Time		sec 75
9	Lifting Speedar Time	m/min	0-4.4
10	Power	3phases 5 wires; 50/60Hz	
11	Motor	7.5KW	
12	Safety device:Light sensitive control		
13	Operation Control Mode:Button \IC card		

- 1.Vertical Rotary Parking System is designed to park 6cars. Suitable parking quantity is 6 cars.
- 2.Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

### 4 Layer 6 Cars SUV Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	4 Layer 6 Cars Vertical Rotary Parking Equipment(SUV)	
2	Equipment model	PCX6DH	
3	Capacity Specifications	Car Dimension	(Length)5300mm*(Width)2100mm (Include Car Outside Wheel Width)*(Height)2000mm
		Car Weight	≤2500Kg
4	Occupy Space	Contour Size6.5m*5.4m	Base Area7.5m*5.5m
5	Total Height	9.8m	
6	Weight	20.85T	
7	Car Quantity	6 Cars(Mechanical Car Space)	
8	Motor Power	7.5KW (Germany SEW Motor)	
9	Cycle Speed	≤4.4m/min	
10	Max Take Car Time	≤75S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube200*200*6	
		Combination Frame Square Tube 200*200*6mm	
		Combination Main Frame Square Tube:150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
21	Wire Installation	Car Carry Plate Thickness 4mm	
		Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	





## Parameter introduction

NO.	Parameters			Remarks
1	Car size	Length	≤mm	5300
2		Width	≤mm	2100
3		Height	≤mm	2000
4		Weight	≤Kg	2500
5	Equipment Size	Length	≤mm	6500
6		Width	≤mm	5400
7		Height	≤mm	12100
8	Max. Retrieve Car Time	sec	95	
9	Lifting Speed	m/min	0-4.4	
10	Power	3phases 5 wires; 50/60Hz		
11	Motor	7.5KW		
12	Safety device:Light sensitive control			
13	Operation Control Mode:Button \IC card			

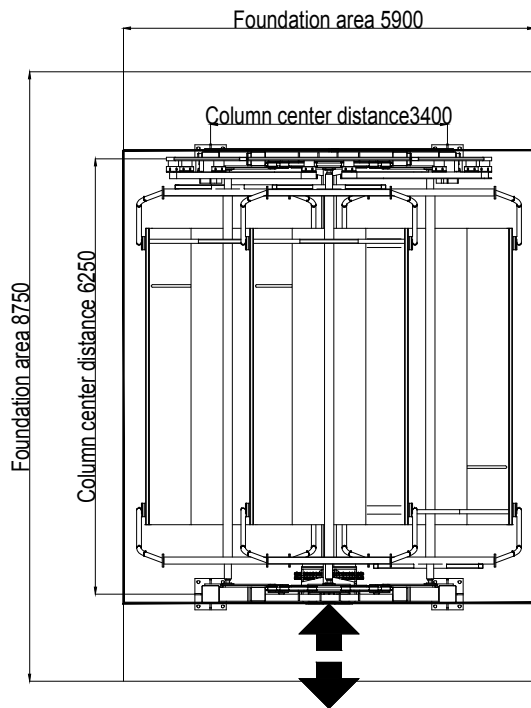
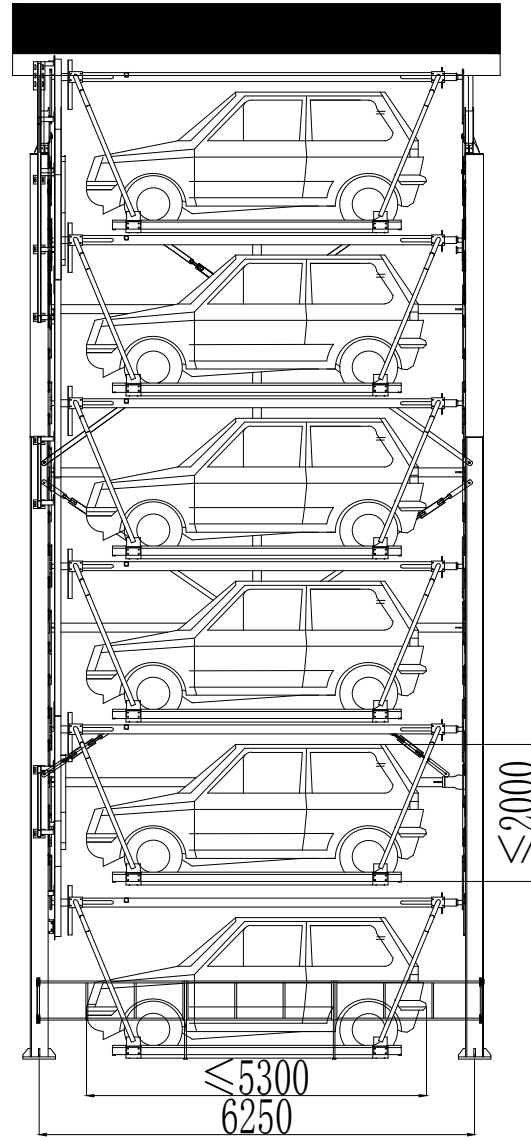
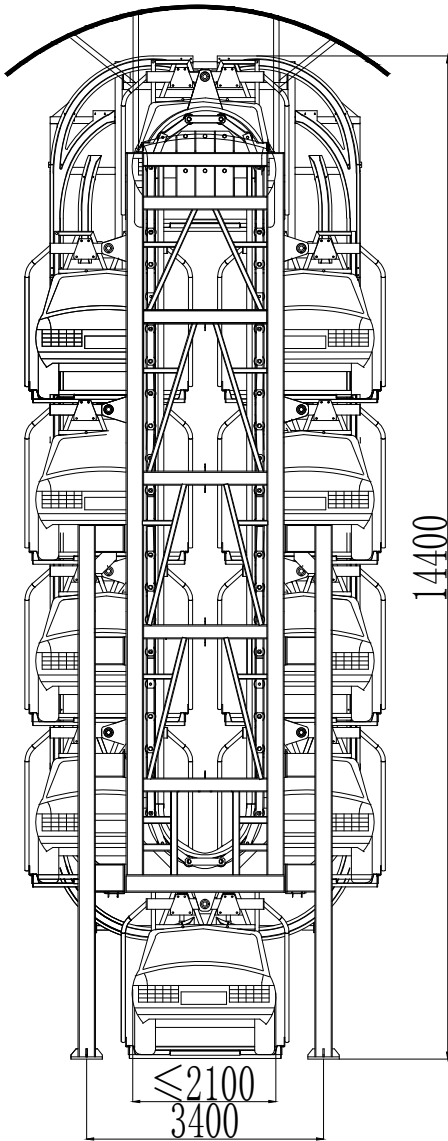
- 1.Vertical Rotary Parking System is designed to park 8cars. Suitable parking quantity is 8cars.
- 2.Perform standard “ Vertical Rotary Type of Mechanical Parking Equipment” JB/T10215-2000

### 5 Layer 8 Cars SUV Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	5 Layer 8 Cars Vertical Rotary Parking Equipment(SUV)	
2	Equipment model	PCX8DH	
3	Capacity Specifications	Car Dimension	(Length)5300mm×(Width)2100mm (Include Car Outside Wheel Width)×(Height)2000mm
		Car Weight	≤2500Kg
4	Occupy Space	Contour Size6.5m×5.4m	Base Area8.75m×5.9m
5	Total Height	12.1m	
6	Weight	23.98T	
7	Car Quantity	8 Cars(Mechanical Car Space)	
8	Motor Power	7.5KW (Germany SEW Motor)	
9	Cycle Speed	≤4.4m/min	
10	Max Take Car Time	≤95S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension90*14,Material 40Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube200*200*6	
		Combination Frame Square Tube 200*200*6mm	
		Combination Main Frame Square Tube:150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
21	Wire Installation	Car Carry Plate Thickness 4mm	
		Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	







## Parameter introduction

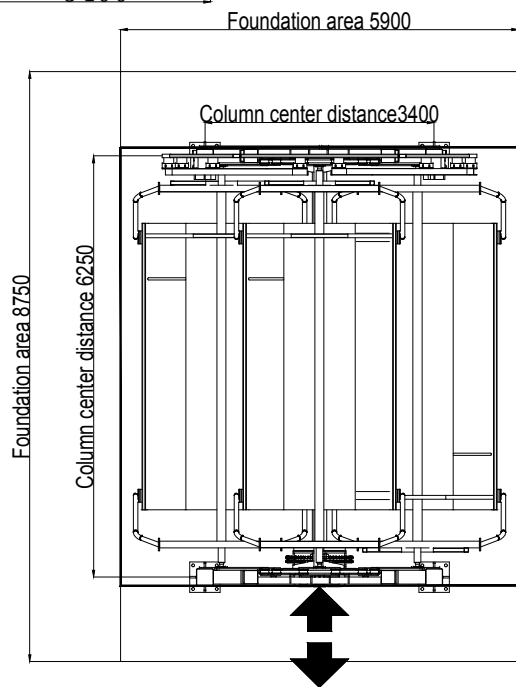
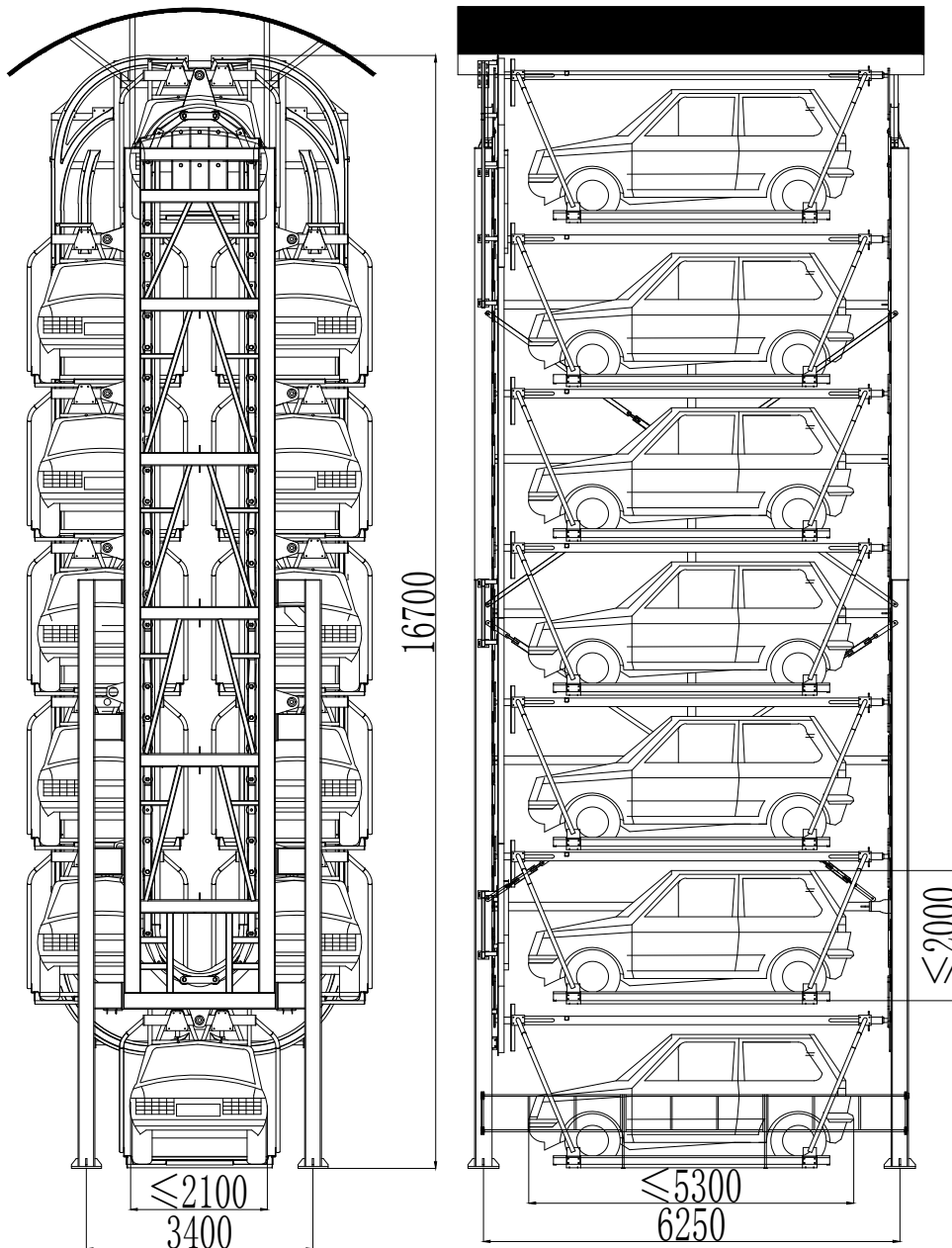
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1	Car size	Length $\leq$ mm	5300	
2		Width $\leq$ mm	2100	
3		Height $\leq$ mm	2000	
4		Weight $\leq$ Kg	2500	
5	Equipment Size	Length $\leq$ mm	6500	
6		Width $\leq$ mm	5400	
7		Height $\leq$ mm	14400	
8	Max. Retrieve Car Time	sec	110	
9	Lifting Speedar Time	m/min	0-4.4	
10	Power	3phases 5 wires: 50/60Hz		
11	Motor	9.2KW		
12	Safety device: Light sensitive control			
13	Operation Control Mode: Button \IC card			

1. Vertical Rotary Parking System is designed to park 10 cars. Suitable parking quantity is 10 cars.
2. Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

6 Layer 10 Cars SUV Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	6 Layer 10 Cars Vertical Rotary Parking Equipment(SUV)	
2	Equipment model	PCX10DH	
3	Capacity Specifications	Car Dimension	(Length)5300mm*(Width)2100mm (Include Car Outside Wheel Width)-(Height)2000mm
		Car Weight	$\leq$ 2500Kg
4	Occupy Space	Contour Size 6.5m*5.4m	Base Area 8.75m*5.9m
5	Total Height	14.4m	
6	Weight	29.5T	
7	Car Quantity	10 Cars(Mechanical Car Space)	
8	Motor Power	9.2KW (Germany SEW Motor)	
9	Cycle Speed	$\leq$ 4.4m/min	
10	Max Take Car Time	$\leq$ 110S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm, Chain Board Dimension 100*16, Material 40Cr	
17	Safety Factor	Lift System	$\geq$ 7
		Steel Structure	$\geq$ 3
18	Service Life	Whole Unit Machine Can Use Over 30 Years. After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube 200*200*8	
		Combination Frame Square Tube 200*200*8mm	
		Combination Main Frame Square Tube: 150*100*6mm	
		Car Carry Plate Hanging Beam $\phi$ 63*6mm	
21	Wire Installation	Car Carry Plate Thickness 4mm	
		Mainly To Bridge Or Metal Trough Wire Connection, Plastic Trunking Connection As a Supplement	





## Parameter introduction

NO.	Parameters		Remarks
1	Car size	Length ≤mm	5300
2		Width ≤mm	2100
3		Height ≤mm	2000
4	Equipment Size	Weight ≤Kg	2500
5		Length ≤mm	6500
6		Width ≤mm	5400
7		Height ≤mm	16700
8	Max. Retrieve Car Time		sec 120
9	Lifting Speed	m/min	0-5.5
10	Power	3phases 5 wires; 50/60Hz	
11	Motor	15KW	
12	Safety device:Light sensitive control		
13	Operation Control Mode:Button \IC card		

1.Vertical Rotary Parking System is designed to park 12cars. Suitable parking quantity is 12 cars.

2.Perform standard " Vertical Rotary Type of Mechanical Parking Equipment" JB/T10215-2000

### 7 Layer 12 Cars SUV Vertical Rotary Parking Equipment Technical Data Sheet

No.	Name	Specifications And Description	
1	Device name	7 Layer 12 Cars Vertical Rotary Parking Equipment(SUV)	
2	Equipment model	PCX12DH	
3	Capacity Specifications	Car Dimension	(Length)5300mm×(Width)2100mm (Include Car Outside Wheel Width)×(Height)2000mm
		Car Weight	≤2500Kg
4	Occupy Space	Contour Size6.5m×5.4m	Base Area8.75m×5.9m
5	Total Height	16.7m	
6	Weight	35.02T	
7	Car Quantity	12 Cars(Mechanical Car Space)	
8	Motor Power	15KW (Germany SEW Motor)	
9	Cycle Speed	≤5.5m/min	
10	Max Take Car Time	≤120S	
11	Enter Method	Forward Entry, Backward Exit	
12	Operation Interface	Button+ IC Card	
13	Control Mode	PLC Control (Schneider Brand)	
14	Operation Control Mode	Normal or Frequency Invert	
15	Drive Mode	Motor+ Gearbox + Chain	
16	Lift Mode	Shift Fork+ Lift Chain: Big Chain Section Distance Is 460mm,Chain Board Dimension100*16,Material 40Cr	
17	Safety Factor	Lift System	≥7
		Steel Structure	≥3
18	Service Life	Whole Unit Machine Can Use Over 30 Years, After Strengthen Anti-corrosion Treatment Service Lift Can Reach 45 Years.	
19	Power	3 Phase 5 Wire; AC 380V 50Hz	
20	Frame Structure	Column Square Tube250*250*8	
		Combination Frame Square Tube 250*250*8mm	
		Combination Main Frame Square Tube:150*100*6mm	
		Car Carry Plate Hanging Beam Φ63*6mm	
		Car Carry Plate Thickness 4mm	
21	Wire Installation	Mainly To Bridge Or Metal Trough Wire Connection,Plastic Trunking Connection As a Supplement	

