

KQRP vertical rotary parking system technical parameter (Sedan cars)

Item Mode	TECHNICAL PARAMETER AND INSTRUCTION				
Mode	KQRP-8-A	KQRP-10-A	KQRP-12-A	KQRP-14-A	KQRP-16-A
Car Dimension	L x W x H \cong 5300x2000x1550mm				
Car Weight	2T	2T	2T	2T	2T
Occupy Space	6.5 x 5.5 M	6.5 x 5.5 M	6.5 x 5.5 M	6.5 x 5.5 M	6.5 x 5.5 M
Equipment Total Height	9.7 M	11.58 M	13.51 M	15.44 M	17.3 M
Equipment Weight	15.3T	19.4T	23.64T	29T	33.56T
Car Quantity	8	10	12	14	16
Motor Power	7.5KW	7.5KW	9.2KW	11KW	15KW
Cycle Speed	4.4m/min	4.4m/min	4.4m/min	5.5m/min	5.5m/min
Max Take Car Time	87S	120S	148S	135S	145S
Lift Mode	Fork+lift china:Big chain section distance is 460mm,chain board dimension 90*14,material 40cr			Fork+lift china:Big chain section distance is 460mm,chain board dimension 100*16,material 40cr	
Frame Structure	Column square tube 200*200*8mm; combination frame square tube 200*200*8mm, combination main frame square tube:150*100*6mm; car carry plate hanging beam Φ 63*6mm, car carry plate thickness 3mm.			Column square tube 250*250*8mm; combination frame square tube 250*250*8mm, combination main frame square tube:150*150*6mm; car carry plate hanging beam Φ 63*6mm, car carry plate thickness 4mm.	
Operation Interface	Put button+IC card				
Control Mode	PLC Control(Schneider Brand)				
Operation Control Mode	Normal or Frequency Invert				
Drive Mode	Motor+Gearbox+Chain(double row small chain)				
Safety Factor	Lift System		≥ 7		
	Steel Structure		≥ 3		
Service Life	Whole unit machine can use over 30 years,after strengthen anti-corrosion treatment service lift can reach 45 years.				
Power	customized				
Frame Structure	Column square tube 200*200*8mm; combination frame square tube 200*200*8mm, combination main frame square tube:150*100*6mm; car carry plate hanging beam Φ 63*6mm, car carry plate thickness 3mm.				
Wire Installation	Mainly to bridge or metal trough wire connection, plastic trunking connection as a supplement.				

KQRP vertical rotary parking system technical parameter (SUV)

Item Mode	TECHNICAL PARAMETER AND INSTRUCTION				
Mode	KQRP-8-B	KQRP-10-B	KQRP-12-B	KQRP-14-B	KQRP-16-B
Car Dimension	L x W x H ≅ 5300x2000x2000mm				
Car Weight	2.5T	2.5T	2.5T	2.5T	2.5T
Occupy Space	6.5 x 5.5 M	6.5 x 5.5 M	6.5 x 5.5 M	6.5 x 5.5 M	6.5 x 5.5 M
Equipment Total Height	12.1 M	14.4 M	16.8 M	19.04 M	21.34 M
Equipment Weight	16T	23.64T	32.7T	37.8T	43.2T
Car Quantity	8	10	12	14	16
Motor Power	7.5KW	9.2KW	15KW	15KW	18.5KW
Cycle Speed	4.4m/min	4.4m/min	5.5m/min	5.5m/min	6.5m/min
Max Take Car Time	148S	150S	148S	166S	166S
Lift Mode	Fork+lift china:Big chain section distance is 460mm,chain board dimension 90*14,material 40cr			Fork+lift china:Big chain section distance is 460mm,chain board dimension 120*16,material 40cr	
Frame Structure	Column square tube 200*200*8mm; 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.			Column square tube 300*300*8mm; combination frame square tube 300*300*8mm, combination main frame square tube:200*200*6mm; car carry plate hanging beam Φ63*6mm, car carry plate thickness 4mm.	
Operation Interface	Put button+IC card				
Control Mode	PLC Control(Schneider Brand)				
Operation Control Mode	Normal or Frequency Invert				
Drive Mode	Motor+Gearbox+Chain(double row small chain)				
Safety Factor	Lift System		≥7		
	Steel Structure		≥3		
Service Life	Whole unit machine can use over 30 years,after strengthen anti-corrosion treatment service lift can reach 45 years.				
Power	customized				
Frame Structure	Column square tube 200*200*8mm; 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.				
Wire Installation	Mainly to bridge or metal trough wire connection, plastic trunking connection as a supplement.				

