

PCX Specification Sheet

Name		SEDAN					SUV				
Car Weight		≤2000kg					≤2500kg				
Occupy Space		6.4m*5.05m					6.7m*5.3m				
Car Dimension		(Length)5000mm*(Width)2000mm (include car outside wheel width)*(Height)1550mm					(Length)5300mm*(Width)2100mm (include car outside wheel width)*(Height)2000mm				
Model		8cars	10cars	12cars	14cars	16cars	8cars	10cars	12cars	14cars	16cars
Total Height		9.97m	11.85m	13.73m	15.61m	17.49m	12.24m	14.78m	17.13m	19.48m	21.83m
Weight		19.6t	22.3t	24.56t	30.1t	33.6t	22.35t	28t	36.02t	10.95t	45.48t
Motor Power		7.5kW	7.5kW	9.2kW	11kW	15kW	9.2kW	9.2kW	15kW	22kW	22kW
Cycle Speed		≤5m/min	≤5m/min	≤5m/min	≤5m/min	≤6m/min	≤5m/min	≤5m/min	≤5m/min	≤6.7m/min	≤6.7m/min
Max Take Car Time		≤90S	≤114S	≤136S	≤158S	≤150S	≤119S	≤147S	≤175S	≤156S	≤180S
Entry Method		Forward Entry; Backward Exit					Forward Entry; Backward Exit				
Operation Interface		Button +IC Card					Button +IC Card				
Control Mode		PLC Control (Schneider Brand)					PLC Control (Schneider Brand)				
Noise		≤50dB					≤50dB				
Usage Temperature		±40°C					±40°C				
Protection Class		Motor	IP55				Motor	IP55			
Operation Control Mode		Frequency Inverter					Frequency Inverter				
Drive Mode		Motor +Gearbox +Chain (double row small chain)					Motor +Gearbox +Chain (double row small chain)				
Lift Mode		Shift Fork +Lift Chain: Big Chain Distance: 470mm. Chain board dimension: 90*14; Material: 40Cr					Shift Fork +Lift Chain: Big Chain distance: 470mm, Chain board dimension 100*16, Material 40Cr				
Safety Factor		Lift System≥7 Steel Structure≥3					Lift System≥7 Steel Structure≥3				
Service Life		Whole machine can be used over 30 years. Service life can even reach 40 years after strengthened anticorrosion treatment.					Whole machine can be used over 30 years. Service life can even reach 40 years after strengthened anticorrosion treatment.				
Power Supply		3 Phase 5 wire; AC 380V 50Hz (Backup power or generator should be prepared by buyer)					3 Phase 5 wire; AC 380V 50Hz (Backup power or generator should be prepared by buyer)				
Frame Structure	Column Square Tube	200*200*8	200*200*8	200*200*8	200*200*8	250*250*8	200*200*8	200*200*8	250*250*8	250*250*8	250*250*8
	Combination Frame	200*200*8	200*200*8	200*200*8	200*200*8	250*250*8	200*200*8	200*200*8	250*250*8	250*250*8	250*250*8
	Combination Main Frame	150*100*6	150*100*6	150*100*6	150*100*6	150*150*6	150*150*6	150*150*6	150*150*6	150*150*6	150*150*6
	Load Plate Hanging Beam	Φ63*6	Φ63*6	Φ63*6	Φ63*6	Φ63*6	Φ63*6	Φ63*6	Φ63*6	Φ63*6	Φ63*6
	Load Wave Plate thickness	2mm	2mm	2mm	2mm	2mm	2.3mm	2.3mm	2.3mm	2.3mm	2.3mm
Wire Installation		Mainly to bridge or metal trough wire connection, plastic trunk connection as a supplement					Mainly to bridge or metal trough wire connection, plastic trunk connection as a supplement				