



凯乾机械  
KAIQIAN MACHINERY

**SHANDONG KAIQIAN IMPORT AND EXPORT CO.,LTD  
(SHANDONG KAIQIAN AUTO PARKING CO.,LTD)**

Add: Comprehensive Bonded Zone Lingong Road No.100 Linyi City, Shandong Province, China  
 website: www.autoparkingmachine.com Email: anne@kaiqianmachine.com  
 Mobile: 0086 18706509086 Tel/Fax: 0086-539-8872811

**25 FLOOR TOWER PARKING SYSTEM TECHNICAL CONFIGURATION SHEET**

NO.	ITEM	SPECIFICATION	DETAIL	MEMO
1	Size	Type	25 floor tower parking system	
2		Code	KQTP	
3		Structure	Frame	
4		Parking car number	50 cars	
5	Car size	Weight (Kg)	SUV ≤2500	Designed on site
6		Size (mm)	5200x1950x1900	Designed on site
7	Min driving way (mm)		Car length +500	
8	Drive way:		Drive forth in and out	
9	Operation way :		Auto/manual switch	
10	Control mode :		PLC	
11	Noise (Db (A)) :		≤85 (inside) / ≤80 (outside)	
12	Steel frame	Post	H type steel 400×400×13×21 H type steel 300×300×10×15 H type steel 200×200×8×12	Shandong Laigang, Rigang or same grade steel
13		Stringer	H type steel 200×200×8×12 H type steel 150×150×7×10	
		inclined strut	Seamless steel tube Φ140×δ5	
		Beam	H type steel 200×200×8×12	
14		Guide column	U steel 16b/ H type steel 200×200×8×12	
15		Top beam	H type steel 350×150×7×11	
16	Car Pallet	Main beam	U steel 16b	Shandong Laigang, Rigang or same grade steel
17		Fork beam	Rectangular tube 60×30×δ4	
		Sliding motor	3Φ, AC380V, 50Hz, 0.2KW	<b>Taiwan MCN</b>
		Sliding speed	10m/min	
	Fork frame	Main beam	Rectangular tube 200×100×δ8	Shandong



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NO.	ITEM	SPECIFICATION	DETAIL	MEMO
		Fork beam	Rectangular tube 80×40×δ5/ δ5 steel Bending plate	Laigang,Rigang or same grade steel
19	Lift system	Drive mode	Motor+chain	
20		Lift motor	3Φ, AC380V,50Hz,37KW	<b>Germany SEW</b>
21		Lift speed	60m/min (Adjustable frequency)	China
		Lift chain	16ALT-1	China
22	Electrical parts	Electrical box		our company
23		PLC	S7 (ET200) /M2	<b>Siemens /Schneider</b>
24		Touch screen	TP/GXU	<b>Siemens /Schneider</b>
25		Frequency converter	CU250S/H1000	<b>Siemens /Japan</b>
26		breaker	IC65N/BM	<b>Schneider/ Taiwan</b>
27		Contactora	LC1D/CN(U)	<b>Schneider/ Taiwan</b>
28		Thermal relay	LRD/RHU	<b>Schneider/ Taiwan</b>
29		Photoelectric switch	LA/LK	<b>Germany PEPPERL FUCHS</b>
30		Phase sequence relay	DPA71	<b>Carlo gavazzi</b>
31		Button switch	XB2/LA42	<b>Schneider</b>
32		Sound alarm light	LET-1101J	Zhejiang
33		Limit switch	TZ-51/SD-8108	Taiwan
34		Travel switch / limit switch	TZ-51/SD-8108	Taiwan
35	Electric wire		3C certificate	

**MEMO:** Due to technical updates ,it may lead to a configuration change, but change is not under this configuration.