

KPJ cable powered electric flat carts

Description

KPJ series electric flat car is a cable reel powered electric flat car. There is a cable drum on the electric flat car. The cable drum is a spring and magnetic coupling cable drum to ensure that the cable is force-free and evenly arranged and untied (there is an automatic cable arrangement device for more than 50m). The cable drum supplies 380V power to the special motor on the flat car, and the motor drags the flat car to run smoothly through the reducer. When the flat car is running, the cable drum automatically rolls up or unwinds the cable. Affected by the power supply length of the reel, the maximum running distance is generally less than 200m.

Features

This series of electric flat cars are suitable for hoisting and metallurgy in harsh industrial and mining conditions. The flat car has a simple and reliable structure, economical price, convenient maintenance, and convenient track construction. It is a set of traditional electric rail flat car selection solutions; suitable for large-tonnage over-span solutions. The steel structure of the flat car is based on the principle of the crane, and all adopts the box beam structure. The box structure is designed based on the box beam principle of the crane combined with the standard of the flat car. It is easy to inspect and disassemble, has strong bearing capacity, long service life, small deformation of the table surface, and can effectively ensure the flatness of the table surface, ensuring that the safety factor of weighing is not less than 150%.

◆ Базовый параметр

Lifting capacity: 3-100T

Running distance : 0-200M



Model	KPJ-6-1	KPJ-6-2	KPJ-10-2	KPJ-10-1	KPJ-16-1	KPJ-25-1	KPJ-40-1	KPJ-63-1	KPJ-100-1	KPJ-150-1	KPJ-200-1	KPJ-300-1
Load capacity (t)	1T	2T	2T		16	25	40	63	100	150	200	300
Length (mm)	3000	3600	3600		4000	4500	4500	5500	6000	8000	8000	9000
Width (mm)	1600	2000	2000		2200	2200	2500	2500	2500	2800	2800	2800
Height (mm)	≤440	≤440	≤440		≤480	≤580	≤580	≤620	≤850	≤1200	≤1250	≤1350
Wheel (piece)	4				8							
Wheel diameter (mm)	φ360				φ400							
Track gauge (inner side) (mm)	762											
Wheelbase (mm)	1700	1800	2000		2500	2500	2800	2800	3500	3500	4500	5000
Running speed (m/min)	~30				~25				~20			
Motor model/power	YZ132m1-6 / 2.2KW		YZ132m2-6 / 3.7KW		YZ160m1-6/5.5KW		YZ160m2 / 7.5KW		YZ160m2 / 7.5KW		YZ160m2 / 7.5KW	
Ground clearance (mm)	~2.4		~2.8		~3.5		~4.5		~5.5		~8.2	
Self weight (T)	~50											
Recommended steel rails	~2.4		~2.8		~3.5		~4.5		~5.5		~8.2	
Remarks	P24		P38		P50		P50		P50		QUI100	
Load capacity (t)	~2.4		~2.8		~3.5		~4.5		~5.5		~8.2	

Other table sizes, gauge, and load capacity can be designed and manufactured separately according to user needs.