



# **Jinan Beidou Construction Works Machinery Co., LTD**

***(We can design special products according to customers' requirement.  
Both our success depends on your trust and our company's credit.  
Do not hesitate to contact us! Welcome!)***

# Company Introduction



Jinan Beidou Construction Works Machinery Co., Ltd, founded in 2007, is a professional manufacturer and exporter of construction hoists. With constant technical research, we have developed SC/SCD series passenger and material construction hoist with CE, I S O 9 0 0 1 and BV approved.

Our well-equipped facilities and excellent quality control throughout all stages of production enables us to guarantee product quality. And we are constantly developing new products with high efficiency for the purpose of meeting the demands of clients from global markets. As a leading manufacturer in the line of construction hoist, we are highly engaged in supplying good quality and high performance products with Xingdou brand. Our distribution net not only covers the domestic market but also covers overseas market. Currently, the company's construction hoists are already exported to Korea, Brazil, and Thailand, Indonesia and other countries and regions. Following the managing philosophy of credit-oriented and technical innovation, we are making development through quality and winning more markets by service.

The company follows the idea of "survival by quality, development by innovation, and benefit by management". Adhering to the business principle of mutual benefits, we have won good reputation among our customers due to our perfect service, quality product and competitive price. We warmly welcome customers all over the world to cooperate with us for win-win. Beidou provides you with the most practical construction hoist!

# Certificate

## Certificate Authentication



We provide the best quality product!



# Product Show

## ➤ Main parameters

Parameters		Unit	Model					
			SC200/200	SC200/200Z	SC200/200D	SC150/150	SC100/100	SC200
Max.Load		kg	<b>2*2000</b>	2×2000	2×2000	2×1500	2×1000	<b>2000</b>
Passengers		/	<b>2×16</b>	2×16	2×16	2×12	2×10	<b>16</b>
Rated Lifting Speed		m/min	<b>0-45m/min</b>	0-65m/min	0-45m/min	0-45m/min	0-45m/min	<b>0-45m/min</b>
Max. Lifting Height		m	<b>150</b>	250	<b>150</b>			
Inverter (DBR Type)			<b>without</b>	with	with	<b>without</b>		
Main Motor	Rated Power	kw	<b>3×11</b>	3×15	3×11	2×13	2×11	<b>3×11</b>
	Brake moment	N.m	<b>120N.m×3</b>	170N.m×3	120N.m×3	170N.m×2	120N.m×2	<b>120N.m×3</b>
Speed Limiter	Braking distance	m	<b>0.15~1.4</b>	0.25~1.6	<b>0.15~1.4</b>			
	Operation Speed	m/s	<b>1.2</b>	1.4	1.2			
Counterweight Weight		kg	<b>NO</b>	NO	NO	NO	NO	<b>NO</b>
Lifting Capacity of Weight Hanging Rod		kg	<b>200</b>					
Carriage Weight		kg	<b>1300</b>					
Inner Size of Cage		m	<b>3×1.5×2.2 (L×W×H)</b>					
Tie-in Length (Adjustable)		m	<b>2.8—3.2</b>					
Size of Mast		m	<b>0.65×0.65×1.508</b>					
Max.Free End Height of Guides		m	<b>7.5</b>					

# ➤ SC200(single and double cage) Construction hoist (with and without Inverter)

SC200/200 EXW: US\$25450 (50m,no inverter, double cage)




NO.	Description&Details	
1	Cage	Single cage or Double cage (With operation Cabin or with no Cabin)
2	Cage Dimension	3x1.5x2.2m 3.2x1.5x2.2( Changeable when required)
3	Rated loading capacity	2000kg per Cage
4	Rated Lifting speed	0-45m/min;0-65m/min
5	Max Erection height	250m
6	Motor Power	2x13kw ;3x11kw
7	Mast section size	650x650x1508mm (or 800*800*1508mm)
8	Mast section weight	145kg (Double Racks);120kg (Single Rack)
9	Wall-tie adjust length&Qty	2.8-3.2m 1 pieces/ 5 mast (The Length and Qty are changeable when required)
10	Main electrical system	Schneider
11	Inverter system	low speed, mid speed, high speed

## ➤ SC150(single and double cage) Construction hoist (with and without Inverter)

SC150	Construction hoist	
		
NO.	Description&Details	
1	Cage	Single or double cage (With operation Cabin or with no Cabin)
2	Cage Dimension	3x1.5x2.2m 3.2x1.5x2.2m ( Changeable when required)
3	Rated loading capacity	1500kg per Cage
4	Rated Lifting speed	0-45m/min;0-65m/min
5	Max Erection height	250m
6	Motor Power	2x13kw ;3x11kw
7	Mast section size	650x650x1508mm (or 800*800*1508mm)
8	Mast section weight	120kg (Single Rack); 145kg (Double Racks)
9	Wall-tie adjust length&Qty	2.8-3.2m 1 pieces/ 5 mast (The Length and Qty are changeable when required)
10	Main electrical system	Schneider
11	Inverter system	low speed, mid speed, high speed

## ➤ SC100 (single and double cage) Construction hoist (with and without Inverter)

SC100		Construction hoist
		
NO.	Description&Details	
1	Cage	Double cage (With no operation Cabin or with one)
2	Cage dimension	3x1.3x2.2m 3x1.5x2.2m 3.2x1.5x2.2m ( Changeable when required)
3	Rated loading capacity	1000kg per Cage
4	Rated Lifting speed	0---45m/min;0-65m/min
5	Max Erection height	250m
6	Motor Power	2x13kw ;3x11kw ;3x15kw per Cage
7	Mast section size	650x650x1508mm (or 800*800*1508mm)
8	Mast section weight	145kg ( Thickness:4.5mm) and 165kg (Thickness:6mm) double racks
9	Wall-tie adjust length&Qty	2.8-3.2m 1 pieces/ 5 mast (The Length and Qty are changeable when required)
10	Main electrical system	Schneider
11	Inverter system	low speed, mid speed, high speed

## ➤ Production Description

### A. Cabins (Cages)

\* Main materials: High quality steel plate Q235B bended by special machine: Thickness 5mm

Aluminum plate punching Or steel plate punching (Specially bending type).



CE SGS



## B. Mast section

- a) \* Main materials: The mast section stulls are change to U-shape structure refers to the Alimak Hek technology, and they can be more solid than domestic general types.
- b) \* High quality steel plate Q235B bended by special machine: Thickness 5mm  
Welded steel tube Q345B (Seamless steel tube 20# is also available): $\text{Ø}76 \times 4.5\text{mm}$  or  $\text{Ø}76 \times 6\text{mm}$  (Thickness of 6mm or 8mm is also available)



CE SGS



Being Galvanized

Specifications: 650\*650\*1508mm or 800\*800\*1508mm



CE SGS



# Spare Part



序号 Item	名称 Name	序号 Item	名称 Name
01	上门轮 Gate roller upper	27	防坠按钮盒 Drop test operate box
02	下门轮 Gate roller lower	28	交流极限开关 3-phase switch
03	绳轮 Rope pulley	29	限位开关 Limit switch
04	滚轮 guide roller	30	电机 Motor
05	背轮 Counter roller	31	减速机 Reducing device
06	扳手 Roller spanner	32	电磁芯 Electromagnet core
07	螺栓 Bolts	33	电磁总成 Brake assembly
08	橡胶垫 Rubber pad	34	刹车片 Brake pieces
09	滚轮支撑板 Support plate for guide rollers	35	联轴器 Coupling
10	门轮轴套 Inner sleeve for gate roller	36	齿轮 Gear
11	防脱钩 Protect hook	37	梅花胶垫 Rubber
12	钢丝绳连接件 connector for wire rope	38	变压器 Transformer
13	机械连锁 Mechanical lock	39	接触器 Contactor
14	轴承 Bearings	40	整流桥 Rectifier bridge
15	内六方扳手 Inner hexagon spanner	41	相序 Phase sequence
16	缓冲弹簧 Buffer Spring	42	超载报警器 Overload Protector
17	标准节 Mast Section	43	警铃 Belling
18	齿条 Rack	44	漏电开关 Leakage protection switch
19	内六方螺栓 Inner hexagon spanner	45	变频器 Inverter system
20	齿条销 Pins for rack	46	操作手柄 Hander switch
21	U型螺栓 U-bolts for tie-in	47	电锁 EL.Lock
22	定位套 Sleeves for mast	48	电源指示灯 Power Indicator
23	主电缆 Main Cable	49	启动按钮 Start up button
24	防坠器 Safety device	50	照明开关 Light button
25	防坠扳手 Safety device spanner	51	急停开关 Energency Button
26	维修按钮盒 out operate box	52	电压表 Voltmeter

# Our Advantage

## ➤ Why choose us

- A. We have 8years' experience in manufacturing construction hoist.
- B. Manufacture with advanced special equipments and professional engineers and skilled workers.
- C. Our production facilities in China are certified under **CE**, **BV**, and **ISO**.
- D. Top quality and after-services
- E. Rapid delivery process

## ➤ Product advantages

### A. High-quality configuration

- a) There is PLC system in the construction hoist without inverter. It keeps the hoist running smoothly when starting and breaking.



- b) The mast section is welded by robot, and there is rarely deformation of the mast section mode.



## B. High stability

- c) The rack's raw material adopts 60# steel, and the general error within 0.3-0.4mm is more accurate than normal error.



- d) The mast section stulls are change to U-shape structure refers to the Alimak Hek technology, and they can be more solid than domestic general types.



## C. High security

- a) When the hoist moves too fast, or overruns the limit speed that we set, the safety device will start to work and stop the hoist.



b) The limit switch will make the hoist stop when it moves to the top and bottom of the mast sections.



c) The overland alarm apparatus.



d) The hoist still supports lighting when it stops running with the door open.



# Company Show

## Production Process



## Cooperation Partner



# Shipping and Service

## Packaging & Shipping

### 1. Packaging



### 2. Shipping

- 1) Usually ship by MAERSK/MSC/CMA/APL depending on customer requirement.
- 2) For standard items, shipment will be arranged within 7-10 days after production.
- 3) B/L number will be provided about 5 days after shipment.



## After-sales Service

### Quality Assurance:

Good quality is assured by advanced manufacturing technology. And all products will be checked by our quality-control manager.

### Excellent Package:

We provide standard, strong, protective package for our products to prevent it from outer damage.

### Warranty Assurance:

For our construction hoist, we provide 1 year warranty period and quick replace service

### Quickly response:

Detailed information, specific model and price of products will be provided quickly after receiving your inquiry.