



Wuxi Ketong Engineering Machinery Manufacture Co.,Ltd

KEEP IMPROVING • CASTING QUALITY • INTEGRITY-BASED • INNOVATION AS THE SOUL



KETONG

ENGINEERING MACHINERY
MANUFACTURE

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SUSPENDED PLATFORM
CONSTRUCTION HOIST
MAST CLIMBING WORK PLATFORM



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BROCHURE

MECHANICAL ENGINEERING MANUFACTURING
ALL OVER THE WORLD

COMPANY PROFILE



Wuxi Ketong Engineering Machinery Manufacture Co., Ltd. is located in Zhangjing Industrial Park, Xishan District, Wuxi City, Jiangsu Province, with superior geographical location and convenient transportation.

Wuxi Ketong Engineering Machinery Manufacturing Co., Ltd. has strong technical force, perfect technology and testing methods, and the product quality meets or exceeds the standard, which is applied to product improvement and innovation. The company is one of the manufacturers of hanging baskets and elevators. The policy and concept of "creating excellent products and offering excellent services" have won praise from customers.

The company has advanced production technology, sophisticated tooling equipment, excellent testing technology, and strong production capacity to provide customers with reliable and safe high-quality products. Wuxi Ketong strives for excellence, strives hard and devotes itself to the entrepreneurial spirit, constantly pursues progress and

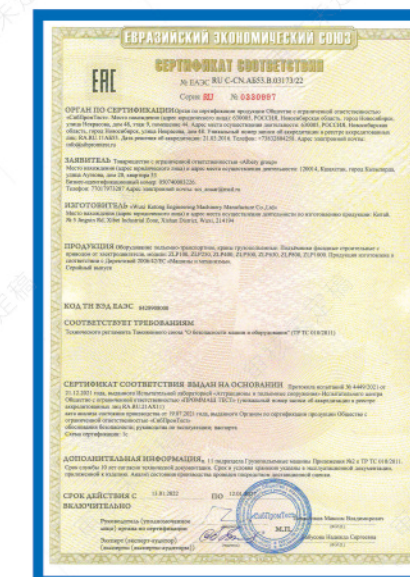
transcendence, extensively absorbs domestic and foreign technologies, and applies them to product improvement and innovation.

Since the establishment of the company, the products have been exported to more than 20 countries and regions in the Middle East, Southeast Asia, Central Asia, Eastern Europe, and Africa, and have won high recognition from the international and domestic markets. The company has always adhered to the management strategy of "integrity management, quality first, scientific management, and brand creation", with the purpose of "first-class technology, first-class quality, and high-quality after-sales service", and is committed to creating customer-satisfied products and striving for brand names.



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SUSPENDED PLATFORM
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SUSPENDED PLATFORM

Suspended platform is suspended along the facade of the building by means of a suspension mechanism erected in the upper part of the building, relying on the motor drive as a platform to move up and down, which is a very set suspended platform.

The suspended platform has the characteristics of strong construction adaptability, large construction height, less occupation of construction site, high construction efficiency, convenient erection and less labor.

MAIN TECHNICAL PARAMETERS OF ZLP630 SUSPENDED PLATFORM

01	Type	ZLP630
02	Rated load	630kg
03	Lifting speed	9.6m/min+0.5
04	LxWxH	(2000×3)×690×1180mm
05	Length	1m--6m, Splicing according to needs
06	Standard Length	6m(2m×3)
07	Motor Power	2×1.5kw
08	Braking torque	15Nm
09	Locking angle adjustment range	3°~8°
10	Locking distance	≤100mm
11	Rated extension of front beam	1500mm
12	Counterweight	25kg×36pcs
13	Wire rope diameter	8.3mm
14	Motor speed	1420r/min



MAIN TECHNICAL PARAMETERS OF ZLP800 SUSPENDED PLATFORM

01	Type	ZLP800
02	Rated load	800kg
03	Lifting speed	8.3m/min+0.5
04	LxWxH	(2500×3)×690×1180mm
05	Length	1m--7.5m, Splicing according to needs
06	Standard Length	7.5m(2.5m×3)
07	Motor Power	2×1.8kw
08	Braking torque	5Nm
09	Locking angle adjustment range	3°~8°
10	Locking distance	≤100mm
11	Rated extension of front beam	1500mm
12	Counterweight	25kgx40pcs
13	Wire rope diameter	8.6mm
14	Motor speed	1420r/min



SAFETY LOCKER

	LST30/ZLP630	LST30/ZLP800
Quantity	2pcs per set	2pcs per set
Rated Impact Force	30KN	30KN
Range of Rope Lock Angle	3°-8°	3°-8°
Rope Lock Distance	≤100mm	≤100mm
Dia of Wire Rope Used	φ 8.3 mm	φ 8.6 mm



HOIST MOTOR

	LTD6.3	LTD8.0
Rated Lifted Load	6.3 KN	8 KN
Lifting Speed	9.6±0.5 m/min	8.3 ± 0.5 m/min
Motor Power	1.5 KW	1.8 KW
Working Wire Rope Dia	φ 8.3 mm	φ 8.6mm
Operation Voltage	380 V or 220V	380 V-415V
Frequency	50 Hz or 60HZ	50 Hz or 60HZ
Motor Rotation Speed	1420 r/min	1420 r/min



THE MAIN COMPONENTS OF ELECTRICAL CONTROL SYSTEM

AC Contactors	Keep over-voltage, make for long-time work and remote control
Residual Current Circuit Breaker	When he electricity leaks away, it can disconnect power automatically
Control Transformer	Reduce the operating voltage to lower voltage for safe use
Thermal Relay (Schneider)	Protect damage of components and wires from the current overload
Universal Switch	Control the direction of rotation of hoist motors
Push-Button Switch	Switch on or off the power
Emergency Stop Switch	Press it to keep safe when the unexpected safety hazard occurs
Brake Rectifier Cell(in motor)	Alter AC to DC through brake electromagnetism for safe operation
Power Signal Light	Imply whether the control box is powered on.
(Up -Down)Travel Limit Switch	Avoid hitting top and sudden falling while rising,
Fuse Protector	Protect components and wires from short or overload
Multicore Cable Plug	Three phases five wires
Warning Electric Bell	When the platform is overloaded or hit the top, the bell rings to cut power automatically for safety.



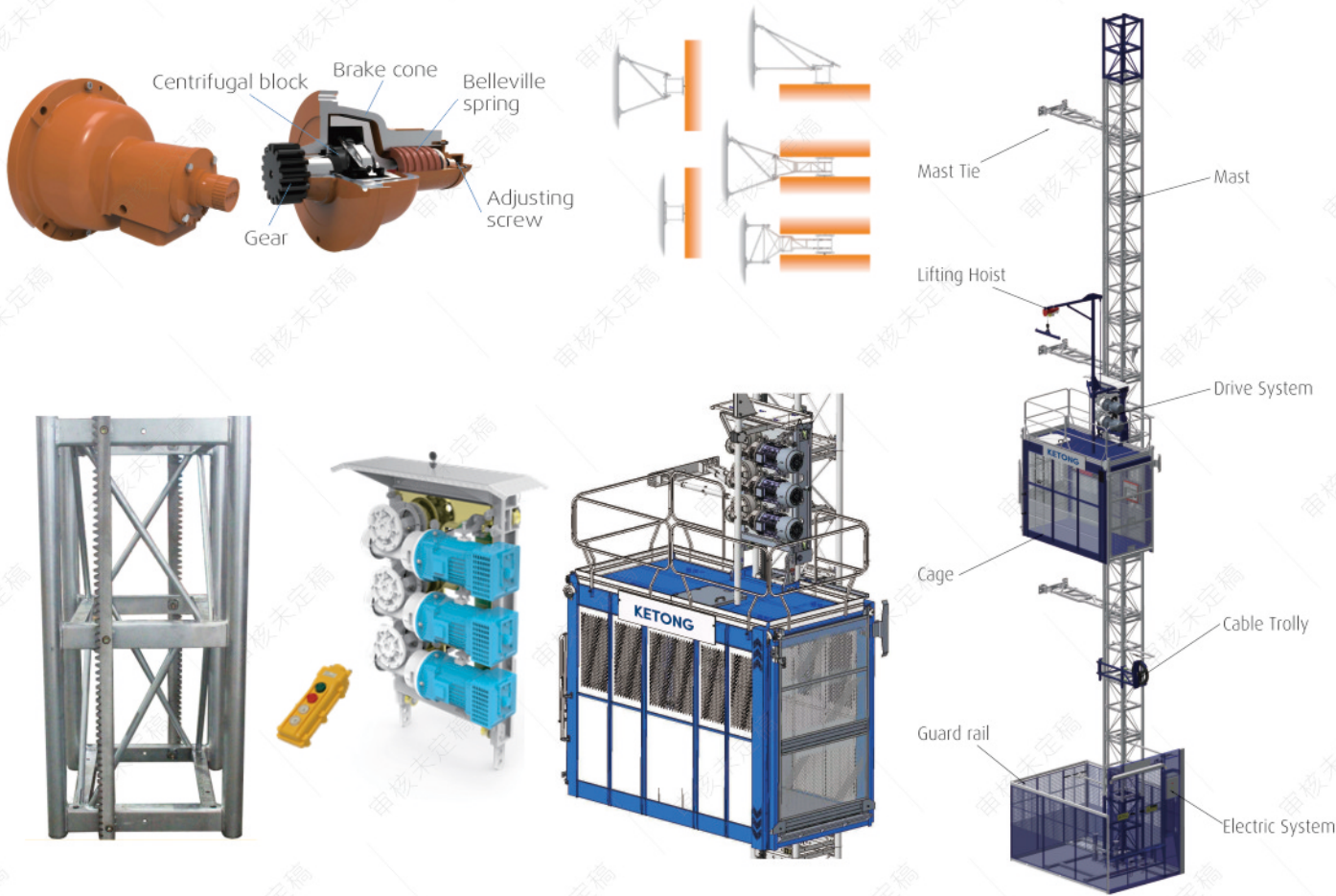
CONSTRUCTION HOIST

SC type construction hoist (hereinafter referred to as hoist) is a kind of hoist driven by rack and pinion. It is mainly used for the transportation of people and goods in high-rise building construction. The working level of the whole machine is A8.This kind of hoist can be installed and disassembled by itself very conveniently, and can be increased with the height of the building. SC type construction hoist has a very reliable electrical and mechanical safety system, and is a safe and efficient vertical transportation equipment in building construction.

Wuxi Ketong building hoist payload capacity is as much as 8000kg, lifting speed can reach up to 96m/min, and the erection height reaches up to 450m, beside the normal type,

our company has also designed and manufactured specialized hoists for construction of special building, such as curve, slope, twin mast, large tonnage and small size industrial building hoist and so on, We put the quality of products the first place all the time. We import reliable electric components from Europe. The steel structure is semi-automatically, gas protected welding shaped. The mast section can be steel painting or dipping zinc. At the mean time, the cage size can be designed according to customers need.

We have normal building hoist, frequency conversion building hoist, small size hoist, curve building hoist, twin mast building hoist, and so on.



SPECIFICATIONS

Classification		Example						
		Type	Rated load capacity	Lift speed (m/min)	Maximum height	Safety device model	Motor power (kw)	Inverter power (kw)
General	Single cage	SC100	1000	36	450	SAJ30-1.2	2x11kw	According to the actual configuration
		SC200	2000	36	450	SAJ40-1.2A	2x13kw	
	Double cage	SC100/100	2x1000	36	450	SAJ30-1.2A	2x (2x11kw)	
		SC200/200	2x2000	36	450	SAJ40-1.2A	2x (2x13kw)	
Medium speed	Single cage	SC100GZ	1000	0~63	450	SAJ30-1.4	2x11kw	According to the actual configuration
		SC200GZ	2000	0~63	450	SAJ40-1.4	2x13kw	
	Double cage	SC100/100GZ	2x1200	0~63	450	SAJ30-1.4	2x (2x13kw)	
		SC200/200GZ	2x2000	0~63	450	SAJ40-1.4	2x (2x13kw)	
High speed	Single cage	SC100G	1000	0~96	450	SAJ40-2.0	3x22kw	According to the actual configuration
		SC200G	2000	0~96	450	SAJ40-2.0	3x22kw	
	Double cage	SC100/100G	2x1000	0~96	450	SAJ40-2.0	2x (3x22kw)	
		SC200/200G	2x2000	0~96	450	SAJ40-2.0	2x (3x22kw)	

Remarks:

- 1.Cage size: 3.2mx1.5mx2.6m; 3mx1.5mx2.6m; cage size can be customized according to customer requirements.
2. Parameters such as rated load capacity and lifting speed can be customized according to customer requirements.
3. The general specification of the standard section is 650x650x1508mm, and it can also be customized according to customer requirements.
4. The motor and reducer can also be domestic or imported according to customer needs.
5. Different manufacturers have different motor power. The above parameters are for reference only, and the specific parameters are configured according to the actual situation.



MAST CLIMBING WORK PLATFORM

Mast climbing working platform is a new generation of construction equipment. It has advanced technical performance, the use of safe and reliable, easy maintenance, can replace the safety of scaffolding construction and other significant characteristics. It is the most ideal vertical transportation equipment for existing building transformation and modern building construction. This machine has excellent technical performance, safe and reliable working mechanism, compact structure.



TECHNICAL DETAILS

Description	Single	Twin
Platform length (m)	4.2-10.2	7.0-30.2
Platform width (m)	1.2-2.2	1.2-2.2
Vertical travel speed (m/s)	0.13(50Hz)/0.16(60Hz)	0.13(50Hz)/0.16(60Hz)
Max. rated load on the platform extension (Kg)	240	240
Distance between cable guides (m)	6	6
Maximal lifting height (m) A	200	200
Tie distance (m) B	8-10	8-10
Height of first tie-in for the base frame (m) C	3	3
Height of second tie-in for the base frame(m)D	8-10	8-10
Top overhang (m) E	4.5	4.5
Height from the ground to the work platform in its lowest position for access (m) F	0.35	0.35
Height platform including fence 1.1m (m) G	2.07	2.07
Height platform to deck (m) H	0.97	0.97
Height fence 1.1 m to upper side mast cover (m) I	0.89	0.89

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