



The leading suspended platform
manufacturer worldwide.

Shenxi Machinery Co., Ltd

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SHENXI

www.shenxi.com

Established in 1988

WE'VE REACHED NEW HEIGHTS WITH THE DUBAI KHALIFA TOWER

Shenxi Machinery Co., Ltd. established in 1988, is one of the domestic leaders in the suspended platform industry. We are dedicated to designing and manufacturing a wide range of suspended access equipment, such as suspended platform, aerial work platform, BMU, mast platform, building hoist etc. Our products are widely used for facade clearing, curtain wall installation and maintenance, elevator installation, wind power plant, bridge, dam and shipping, chimneys, power plant and so on.

At Shenxi, we clearly realize that quality is the life of a company. In order to provide better suspended access equipments, we employ experienced technicians, import advanced equipment and implement strict quality control. We now have over 30 Shenxi offices and branches which serve over 70 countries and regions around the world.



ZLP Series Temporarily Installed Suspended Access Equipment

ZLP series temporarily installed suspended access equipment, which is developed and produced by Shenxi corporate, is ideal equipment for building facade construction, decoration, cleaning and maintenance.

Because of superior quality and first class service, our ZLP series suspended platforms are widely applied both in major international and national construction projects such as Dubai Khalifa Tower, Jakarta Mandam Oriental Hotel, Guangzhou TV Tower, Beijing New CCTV Building, Hangzhou Bay Bridge, Zhejiang Ninghai Power Plant, Xiameng Railway Station and so on. And now our products are exported to various countries and regions all over the world.



Technical Parameters of Aluminum Alloy/Steel Suspended Platform/Cradle/Swing Stage

Type	ZLP500	ZLP630	ZLP800	ZLP1000
Rated Capacity	500KG	630KG	800KG	1000KG
Rated Lifting Speed	9~11m/min	9~11m/min	8~10m/min	8~10m/min
Length of Platform	5m	6m	7.5m	7.5m
Wire Rope Diameter	8.3mm 4*31SW+Fc	8.3mm 4*31SW+Fc	8.6mm	8.6mm 6*19+IWS
Hoist	Type	LTD 5	LTD 6.3	LTD 10
	Rated Lifting Force	4.9KN	6.17KN	7.84KN
	Motor	Power	1.1KW	1.5KW
		Voltage	220/380/415/440V	220/380/415/440V
		Frequency	50/60Hz	50/60Hz
		Rotation Speed	1420rpm	1420rpm
Safety Lock	Type	LSB30	LSB30	LSB30
	Permission Force of Impact	30kN	30kN	30kN
	Locking Cable Distance	< 100mm	< 100mm	< 100mm
	Locking Cable	3"-8"	3"-8"	3"-8"
Suspended Mechanism	Projecting Length	1.3~1.7m	1.3~1.7m	1.3~1.7m
	Adjustable Height of the Beam	1.27~1.83m	1.27~1.83m	1.27~1.83m
Weight	Total Weight of Aluminum/Steel Platform(Not include Wire Rope, Cable and Safety Rope)	1466/1525kg	1631/1715kg	1831/1955kg
	Weight of Suspension Mechanism	310kg	310kg	310kg
	Counter Weight	750kg	900kg	1000kg

Note: Above parameters are standard specification of our company, and we could also meet special requirements on voltage, frequency, platform length and sharp according to different countries.

If you would like to know some special models such as ZLP250 single person platform, ZLP300, ZLP1000a, ZLP2000 or platforms with special length, please feel no hesitation to contact us for details.



Single person platform



Elevator installing platform



Platform with wire winder



Special Platform

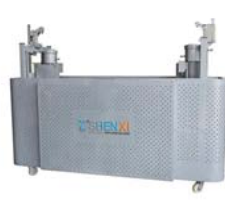
We can design and make all kinds of special platform to suit for any conditions and to meet special requirements proposed by the customers.



Pin-style platform



Moveable end stirrup platform



BMU Gondola



U sharp platform



Circle platform



Angle platform



Suspended chair



Bridge platform



Cantilevered platform



Large platform



Double deck platform

Non-electric Suspended Platform

Pedal Suspended Platform

Technical Parameters For ZLJP400/200

Rated Capacity (kg)		400	200
Wire Rope Diameter (mm)		7	7
Platform	4m Standard Platform in Length (No Longer Than 6m)	Permissible Length Type 1m, 2m, 3m	1.1x0.9x2.3m
Hoist	Lift Speed (m/min)	2~3	2~3
	Transmission Ratio (i)	17.69	17.69
Safety Lock	Locking Rope Angle	3°~8°	3°~8°
	Maximum Stopping Distance (mm)	60	60
Counter Weight (kg)		500kg	400kg



Manual Suspended Platform

Technical Parameters For ZLSP1000

Rated Load (kg)		1000
Suspended Platform Dimension (mm)		3×(2000×690)×1100
Hoist	Type	HSS-16ZY
	Rated Lift Force (kg)	1000
	Weight (kg)	13.5×2
Safety Lock	Model	LSB 30
	Locking Rope Distance (mm)	<100
	Weight (kg)	5×2
Wire Rope		Φ11.3mm*2 Φ8.3mm*2
Counter Weight		1000kg





Suspended Platform Components

1) LTD Series Hoist

Adopting 'S' cable-guiding system, LTD8, LTD10 series hoist is powerful in lifting force and stable in operation, so it is mainly used for heavy capacity transit.

Adopting 'a' cable-guiding system, LTD3, LTD5 and LTD6.3 series hoist are handy in design, light in weight, easy in maintenance. Thus, they apply to moderate or light capacity transit. We could also offer "a" type for LTD8 and LTD10 based on customer's needs.



LTD3

LTD5

LTD6.3

LTD8/LTD10(S)

LTD8/LTD10a

Main Technical Parameters of LTD Hoist Motor/Winch

Model No.		LTD5	LTD6.3	LTD8	LTD10
Rated Lift Capacity(KN)		5	6.3	8	9.8
Rated Lift Speed(m/min)		9-11	9-11	8-10	8-10
Weight(kg)		51	53	55/87	90
Motor	Motor Power(kw)	1.1	1.5	1.8/2.2	3.0
	Voltage(v)	220/380/415/440	220/380/415/440	220/380/415/440	220/380/415/440
	Frequency(Hz)	50/60	50/60	50/60	50/60
	Break Torque(Nm)	5	15	15	30
	Rotate Speed(r/min)	1420	1420	1420	1420
Steel Wire Diameter(mm)		φ 2	φ 2	φ 6	φ 6

We could also offer model LTD3, LTD10a, LTD20, LTD30.

2) Safety Lock

LSB Anti-tilting Type Safety Lock

The safety lock will automatically lock the wire rope in the condition of the breaking of the suspension rope or the tilting of the platforms within 3°~8°.

SLCentrifugal type Safety Lock

The safety lock will automatically lock the wire rope within 100mm if suspended platform drops due to the breaking of the working wire rope or other reasons. The safety lock can be also manually operated to lock the wire rope when there is a failure on hoist or motor.



LSB30



LSL30

Technical Parameters of Safety Lock

Model	Pattern	Load Capacity Permitted	Fall Distance Permitted	Tilt Angle Permitted	Required Speed
LSB30	Swinging Arm Lock	>1000kg	<100mm	3° ~8°	
SL30	Centrifugal Lock	>1000kg	<200mm		>22m/min

3) Electrical Control System

Installed with national and International famous brands electrical components (Zhenglai and Schneider brand for option), our electrical control system is the product that you can rely on. Moreover, with safety device such as electric leakage protection device, relay protection of power system, automatic limited switch and good waterproof, we ensure the operation easier, safer and more reliable. We could also make in order.



4) Suspension Mechanism



Suspension Mechanism is installed on the top of the building and it is easy to install. The height and the overhang of the jib can be adjusted to adapt to different kinds of building facades and roof structures. Projecting length ranges from 1.3m to 1.7m and adjustable height of the beam is between 1.355m and 1.925m. The suspension mechanism can be designed and made according to specific conditions that customers may need.

5) Selectable Devices



Wire winder



Overload protection device



2000m Wire rope



Against-wall support roller



Safety wire

► ZLP(T) Series Suspended Platform for Elevator Installing



ZLP(T) series suspended platform is a special suspension platform for elevator installing. Other than functions of lifting & lowering and protection devices as general platforms, it is especially designed for narrow worksite. There are one-deck and double-deck platforms. Wheels are installed at each side against the walls to against the walls to ensure platform work stably, safely and reliably. And it is easy to install and operate.

Main Technical Parameters of Suspended Platform for Elevator Installation

Item	Parameters	
Model	ZLT250	ZLT600
Rated Working Load	250kg	600kg
Descending and Ascending Speed	8~10 m/min	8~10 m/min
Platform Dimensions(Width)*(Depth)*(Height)(mm)	1360×1360×3700	1500×1420×3670
Steel Wire Model	Specially Made Wire φ8.6	Specially Made Wire φ8.6
Rated Lift Capacity	8KN	8KN
Overall Weight	250kg	600kg
Distance Between Main Tracks(mm)	L1≥1700mm	L1≥1700mm
Width of the Lifting Machine Room(mm)	L2=2200-2400mm	L2=2200-2400mm
Distance Between the Lifting Top Points and the Floor(mm)	L3=1210mm	L3=1210mm

We could also design according to customer's needs and real situation.



Aerial Work Platform

1) SJY Series Scissor Aerial Work Platform

Introduction

Scissor aerial work platform is widely used for aerial working. The scissor-structure makes the lift table more stable. It is spacious in work area and high in load capacity. It is suitable for more people to work at the same time.

Options:

Voltage: AC (normal), DC (optional)

Phase: Three (normal), Single (optional)

Walking Mode: Manual (normal), electric (optional)

Platform Length: Fixed (normal), Adjustable (optional)



Parameters of Scissors Aerial Work Platform

Model	Rated Capacity (kg)	Max. Height (mm)	Min. Height (mm)	Size of Table (mm)	Motor Power (kw)	Voltage (v/hz)	Total Weight (kg)	Walking Mode
SJY 0.3-3	300	3000	850	1400×700	0.55	380v/50hz	400	Manual
SJY 0.5-3	500	3000	850	1400×700	0.75	380v/50hz	400	Manual
SJY 0.3-4.5	300	4500	950	1500×850	0.75	380v/50hz	560	Manual
SJY 0.5-4.5	500	4500	950	1500×850	0.75	380v/50hz	560	Manual
SJY 0.3-6	300	6000	950	1800×880	0.75	380v/50hz	750	Manual
SJY 0.5-6	500	6000	950	1800×880	0.75	380v/50hz	750	Manual
SJY 0.3-6	300	6000	1130	1800×880	1.1	380v/50hz	910	Manual
SJY 0.5-6	500	6000	1130	1800×880	1.1	380v/50hz	910	Manual
SJY 0.3-7.5	300	7500	1240	1800×1000	1.1	380v/50hz	1150	Manual
SJY 0.5-7.5	500	7500	1400	1800×1000	1.1	380v/50hz	1150	Manual
SJY 0.3-9	300	9000	1350	1800×1000	1.1	380v/50hz	1200	Manual
SJY 0.5-9	500	9000	1550	1800×1000	1.1	380v/50hz	1260	Manual
SJY 0.3-11	300	11000	1600	2100×1150	1.5	380v/50hz	1320	Manual
SJY 0.5-11	500	11000	1600	2100×1150	1.5	380v/50hz	1380	Manual
SJY 0.3-12	300	12000	1750	2450×1350	2.2	380v/50hz	1700	Manual
SJY 0.5-12	500	12000	1750	2450×1350	2.2	380v/50hz	1850	Manual
SJY 0.3-14	300	14000	1980	2450×1350	2.2	380v/50hz	2200	Manual
SJY 0.5-14	500	14000	1980	2450×1350	2.2	380v/50hz	2500	Manual
SJY 0.3-16	300	16000	1980	2650×1500	3	380v/50hz	2600	Manual
SJY 0.5-16	500	16000	1980	2650×1500	4	380v/50hz	3000	Manual
SJY 1.4-5	1000	4500	1350	1500×880	1.5	380v/50hz	900	Manual
SJY 1-6	1000	6000	1500	1800×1000	2.2	380v/50hz	1300	Manual
SJY 1-9	1000	9000	1780	2000×1200	3	380v/50hz	1700	Manual
SJY 1-12	1000	12000	1860	2450×1500	4	380v/50hz	3000	Manual
SJY 1-14	1000	14000	2060	2450×1500	4	380v/50hz	4000	Manual

We can design and make special lift according to your requirements of table size, load capacity working height and other details.

2) SJX Series Self-propelled hydraulic lifting table

Compared with SJY Scissor aerial work platform, SJX has the electric walking system. It is flexible to move. It will save great labor especially for the lift of high load capacity and great working height. It works with DC.



Parameter of Self-Propelled Hydraulic Lift Table

Model	Rated Capacity (kg)	Min Height (mm)	Max Height (mm)	Table Size (mm)	Lift Time (s)	Motor Power (kw)	Lower Rating (V)	Total Weight (kg)
SJX-0.3-6	300	1130	6000	1800×880	50	2.2	DC 24V	1200
SJX-0.5-6	500	1130	6000	1800×880	52	2.2	DC 24V	1200
SJX-0.3-7.5	300	1240	7500	1800×1000	67	2.2	DC 24V	1400
SJX-0.5-7.5	500	1400	7500	1800×1000	68	2.2	DC 24V	1530
SJX-0.3-9	300	1350	9000	1800×1000	75	2.2	DC 24V	1650
SJX-0.5-9	500	1550	9000	1800×1000	82	2.2	DC 24V	1750
SJX-0.3-11	300	1600	11000	2100×1150	95	3	DC 24V	1950
SJX-0.5-11	500	1600	11000	2100×1150	98	3	DC 24V	1950
SJX-0.3-12	300	1750	12000	2450×1350	125	3	DC 24V	2700
SJX-0.5-12	500	1750	12000	2450×1350	127	3	DC 24V	2700
SJX-0.3-14	300	1980	14000	2450×1350	130	3	DC 48V	3100
SJX-0.5-14	500	1980	14000	2450×1350	133	3	DC 48V	3100
SJX-0.3-16	300	1980	16000	2750×1500	167	3	DC 48V	3400
SJX-0.5-16	500	1980	16000	2750×1500	170	3	DC 48V	3400
SJX-1-6	1000	1500	6000	1800×1000	62	3	DC 24V	1800
SJX-1-9	1000	1780	9000	2000×1200	65	3	DC 24V	2400
SJX-1-12	1000	1860	12000	2450×1500	145	3	DC 48V	3200
SJX-1-14	1000	2060	14000	2450×1500	175	3	DC 48V	3950



3) Stationary hydraulic lifting table

Stationary hydraulic lifting table is widely used for lifting material/cargo to the working place, such as in assembly line; loading and unloading material/cargo such as in production line, in warehouse or for special equipment; lifting large equipment and so on. It can be fixed on the ground, lift pit and accessory trucks according to the requirement of the working height and sites.

It can be equipped with additional devices for the convenience of use.

Several lifts can be combined freely to meet the requirements of table size and load capacity.

We will design and make the lifting table according to your requirements of table size, load capacity working height and other details.



Single Mast Aluminum Alloy Lifting Platform

Model	Rated Load (kg)	Working Height (m)	Max Height (m)	Platform Size (m)	Voltage (V/Hz)	Power (KW)	Weight (kg)	Shape Dimension (m)
GTWY4-100	125	4	5.7	0.60*0.55	AC220/50	1.1	185	1.05*0.75*1.65
GTWY6-100	125	6	7.7	0.60*0.55	AC220/50	1.1	210	1.30*0.80*1.65
GTWY8-100	125	8	9.7	0.60*0.55	AC220/50	1.1	250	1.30*0.80*1.98
GTWY9-100	125	9	10.7	0.60*0.55	AC220/50	1.1	280	1.35*0.85*1.98

Double Mast Aluminum Alloy Lifting Platform

Model	Rated Load (kg)	Working Height (m)	Max Height (m)	Platform Size (m)	Voltage (V/Hz)	Power (KW)	Weight (kg)	Shape Dimension (m)
GTWY6-200S	200	6	7.7	1.18*0.80	AC220/50	1.1	320	1.35*0.85*1.65
GTWY8-200S	200	8	9.7	1.18*0.80	AC220/50	1.1	385	1.35*0.85*2.00
GTWY9-200S	200	9	10.7	1.38*0.80	AC220/50	1.1	450	1.55*0.95*2.00
GTWY10-200S	200	10	11.7	1.38*0.80	AC220/50	1.1	490	1.55*0.95*2.00
GTWY12-200S	200	12	13.7	1.48*0.80	AC220/50	1.1	560	1.65*1.00*2.00

4) Mast Aerial Work Platform

GTWY series mast aerial work platform is made of aluminum alloy. It is light for the convenience of use and move. The alloy has high strength to reduce deviation to minimum. The structure is flexible. It can work in narrow space.



Multi-Mast Aluminum Alloy Lifting Platform

Model	Rated load (kg)	Working Height (m)	Max Height (m)	Platform Size (m)	Voltage (V/Hz)	Power (KW)	Weight (kg)	Shape Dimension (m)
GTWY14-420	200	14	15.7	1.45*0.95	AC220/50	2.2	1300	2.20*1.25*2.18
GTWY16-420	150	16	17.7	1.48*0.95	AC220/50	2.2	1400	2.20*1.25*2.18
GTWY18-420	150	18	19.7	1.48*0.95	AC220/50	2.2	1500	2.35*1.25*2.42



► Mast Climbing Work Platform



Technical Parameters

No	Specification	Single Mast	Double Mast
1	Model	STC100	
2	Max Capacity	1500kg	3200kg
3	Max Number Of People	3	6
4	Rated Lift Speed	8m/min	
5	Max Working Height	150m	
6	Max Platform Length	10.2m	30.9m
7	Standard Platform Width	1.5m	
8	Max Extension Width	2.5m	
9	The First Tie- n From The Ground	3 — 4m	
10	The Distance Above The Last Tie-in	4m	
11	Distance Between Tie-in	8m	
12	Mast Section Size	1508X450X450mm/1538X500X500mm	



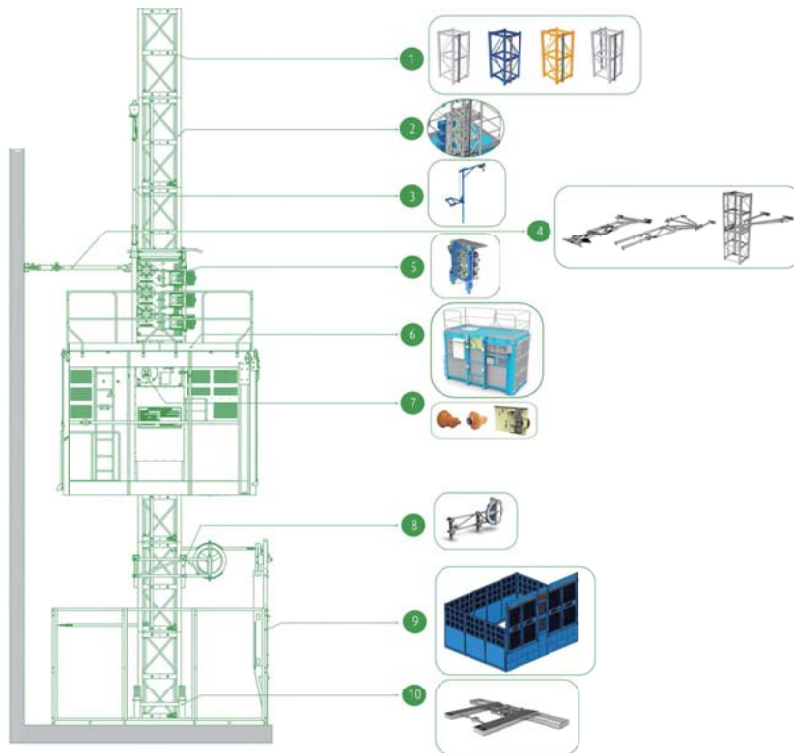
Greater Flexibility With Fewer Components





SC Series Construction Hoist

SC Series construction hoists are the one of domestically leading technology that well designed and manufactured by SHENXI, and your best choice for efficient construction logistics. Since the launch in 2011, close to 800 SC Series construction hoists have been delivered, the modular system offers flexibility, efficiency, safety, productivity, low energy consumption and low cost of ownership, making it the ultimate choice for both construction and rental companies.



SC Series Construction Hoists Sketch

- | | | |
|-----------------|-------------------------------|--------------------------|
| ① MAST | ② DEFILMENT PREVENTION DEVICE | ③ ELECTRIC LIFING DEVICE |
| ④ MAST-TIE | ⑤ DRIVING SYSTEM | ⑥ CAGE |
| ⑦ SAFETY DEVICE | ⑧ CABLE TROLLY | ⑨ ENCLOSURE |
| ⑩ BASE FRAME | | |



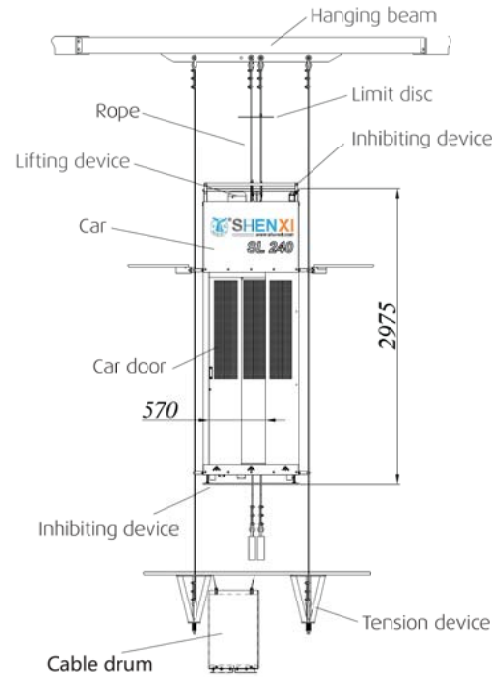
Designation Series	SC100	SC100/100	SC150	SC150/150	SC200	SC200/200	SC200E	SC230/200E	Note
Rate Load(kg)	1000/10person	2x1000/10person	1500/15person	2x1500/15person	2000/18person	2x2000/18person	2000/18person	2x2000/18person	
Erecting Payload(kg)	80C	2x800	900	2x900	1000	2x1000	1000	2x1000	
Rated Speed(m/min)	36	36	36	36	36	36	36	36	
Reduction Ratio	1:16	1:15	1:16	1:16	1:16	1:16	1:16	1:16	
Max.lifting Heigh(m)	15C	150	250	250	250	250	250	250	
Cage Size(wwh)(m)	3.0x1.3x2.5	3.0x1.3x2.5	3.0x1.3x2.5	3.0x1.3x2.5	3.2x1.5x2.5	3.2x1.5x2.5	3.2x1.5x2.5	3.2x1.5x2.5	
Power Supply(v)	380V,50Hzor 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	380V,50Hz or 60Hz	
Motor Power(kw)	2x11	2x2x11	2x13	2x2x13	3x11	2x3x11	2x13	2x2x13	
Rated Current(a)	2x24	2x2x24	2x27	2x2x27	3x24	3x2x24	2x27	2x2x27	JC=25%
Power Capacity(kva)	34	2x34	42	2x42	49	2x49	42	2x42	
Mast Section	Wall Thickness Of Corner 3ar(chord Member)(mm)			Weight Of Mast Section(kg)			Dimension Of Mast Section(m)		
	T=4.6			142			0.65w/ 0.65x1.508		
	T=6.0			160					
	T=8.0			180					
	T=10.0			195					
Cage Weight(incl. Driving System)(kg)	1750	2x1750	1820	2x1820	1950	2x1950	1950	2x1950	
Safety Device Type	SAJ30-1.2	SAJ30-1.2	SAJ40-1.2	SAJ40-1.2	SAJ40-1.2	SAJ40-1.2	SAJ40-1.2	SAJ40-1.2	

Remark:

- Except for the recommended cage dimension, we could also manufacture cages of other size according to the customer.
- The cage and the door material can be aluminum molded board, punched-plate, figured aluminum board or other type according to your requirements.
- The mast and the tie-in surface can adopt paint-spray, or not galvanizing treatment.

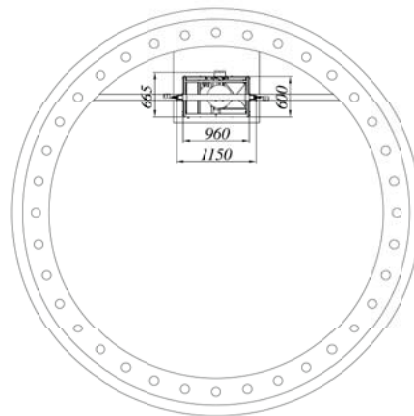


Service Lift



Technical Parameters

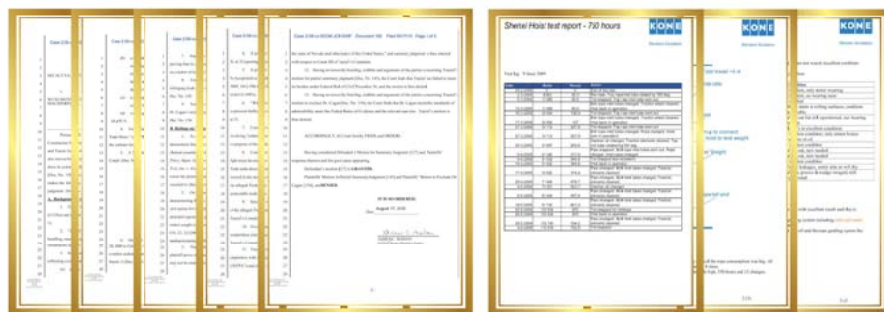
Model	SL 240
Rated Capacity	240 kg
Passenger	Max.2 Persons
Lifting Motor	Voltage 400V
	Tractive Force 500kg
Safety Lock	SL 30
Car Dimensions LxWxH	960x600x2950mm
Wire Rope Diameter	8.3mm

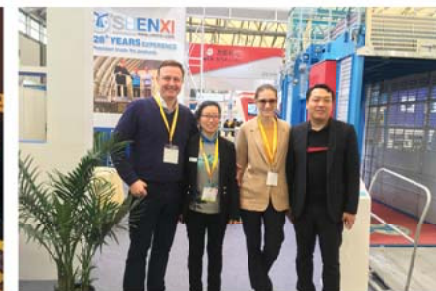


Building Maintenance Unit

Shenxi offers customization options for the window cleaning machine. Based on preference, clients will be able to select from readily available presets for lifting, winching, and trussing type configurations. The window cleaning machine has a high safety rating. Built for durability, this contraption offers longer service life and greater stability.









Shenxi in Russia



Shenxi in Ukraine



Shenxi in Malaysia



Shenxi in Singapore



Shenxi in Vietnam



Shenxi in India



Shenxi in Indonesia



Shenxi in UAE



Shenxi in Macao



Shenxi in Chile



Shenxi in Brazil



Shenxi in Bahrain



Nanjing Zifeng Building



BMU for window cleaning



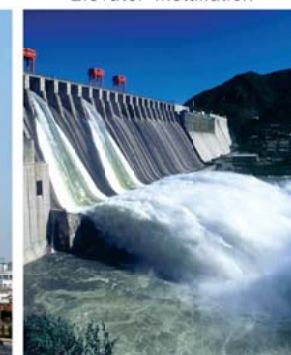
Suspended platform for Elevator Installation



Guohua Shanwei Wind Power Plant



Suspended platform designed for electric plant



Suspended platform for dam building



Nuclear Power Plant



Suspended platform for shipping



Suspended platform for bridge building