

MANUFACTURER OF VERTICAL ACCESS LIFT / PLATFORM



SUSPENDED PLATFORM

XINGDOU
Quality&Solution Provider

Shandong Xingdou Intelligent Equipment Co.,Ltd

COMPANY PROFILE

Shandong Xingdou Intelligent Equipment Co.,Ltd is an earlier and reputed manufacturer of vertical transportation lift/platform in this industrial in North China

Our company is Certified by Chinese State Technical Quality Supervision Bureau as a special equipment manufacturer. Nearly 10 years stable,sustained and innovative development, “XINGDOU” brand is followed by praises from clients home and abroad!

Now our company have made more than 10 kind of products like construction elevator, materials hoist, tower crane , suspend platform (wall gondolas) , loading deck.

As a manufacturer, we are always following the developing pace of the industrial Leaders latest technology and hope to be an Excellent member among them. Keep Product Quality come first and manufacture according to the domestic and international industry standard strictly. Except professional Engineers &Technicians team, advanced production equipment, mature manufacturing technology, skilled first line workers, there are also strict quality management system and quality testing equipment to ensure that each step is come in procedures and completed correctly.

Over the years, our International marketing have rich experiences to do better service to our clients and own great achievements! We have been adhering to the operation concept “developing by brand reputation, survival by product quality, improving by technology innovation and benefiting by details management.” And Keep the service philosophy of “aiming to reach customers’ satisfaction, pursuing of everybody’s excellence, trying whole team’s best, search development from each details”. Taken every efforts to let “XINGDOU” come to be the front rank among the industrial worldwide!

Mrs. Aixin Li, the chairman of the company sincerely looking forward to cooperate with partners all over the world to achieve a brilliant future on the basis of mutual truth, benefit, development, improvement and supporting!



Safety lock testing



Motor assembly



Motor production process



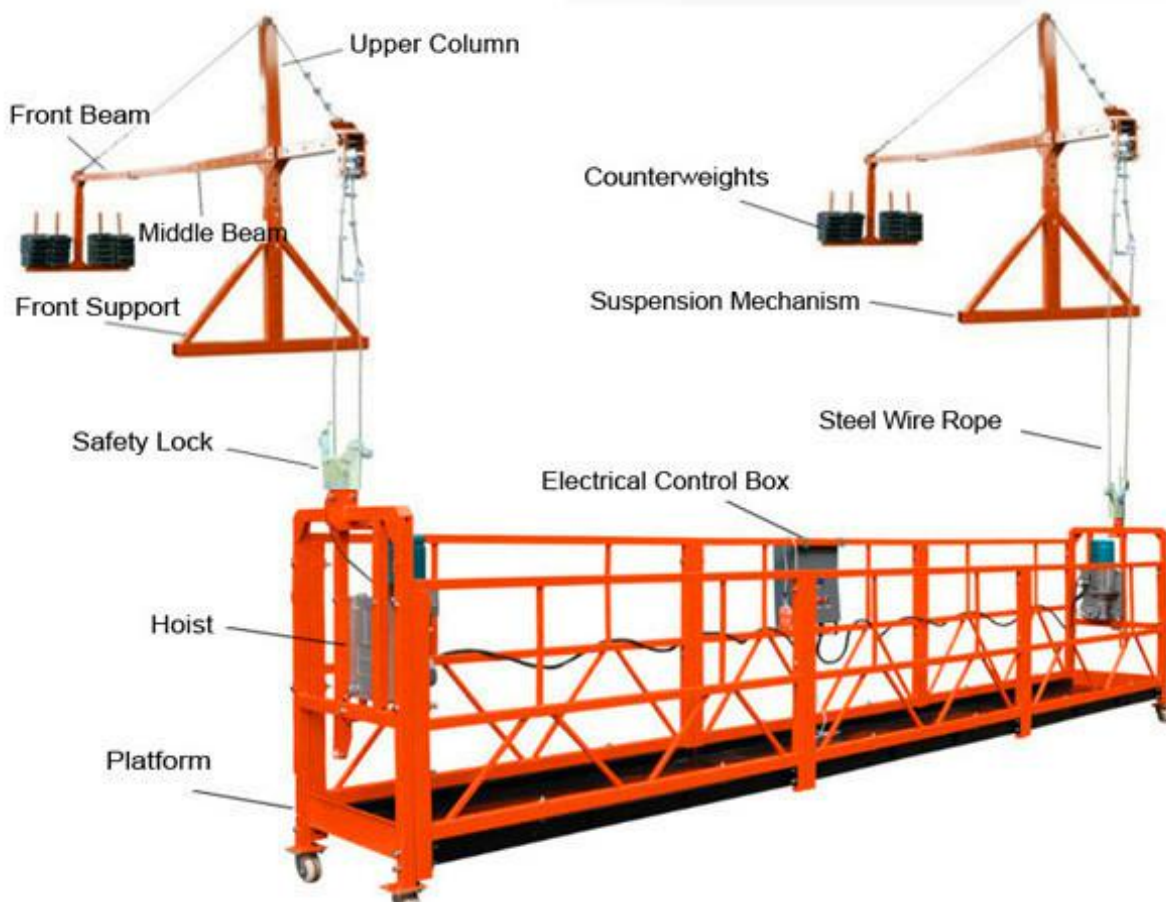
Motor Testing Equipment

Summarize

ZLP Series Temporarily Installed Suspended Access Equipment

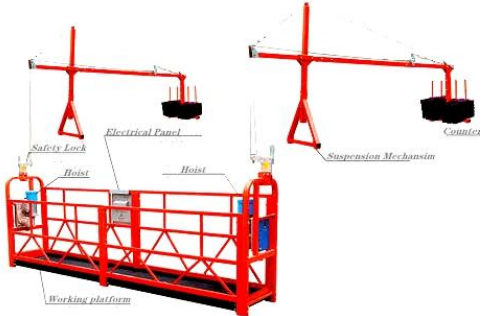
ZLP Series Suspended Power Platform have been widely used in the refurbishing of outer wall construction、installing of curtain wall 、 maintaining and cleaning of mansions. Particularly it's specialized in designing and manufacturing all kinds of non-standard suspended platform which can meet the needs of different projects, such as over-long gondolas for bridge、direct-mounted gondolas for ship、toroidal gondolas for chimney and installed gondolas for elevator etc.

ZLP Series Suspended Working Platform Structure Drawing:

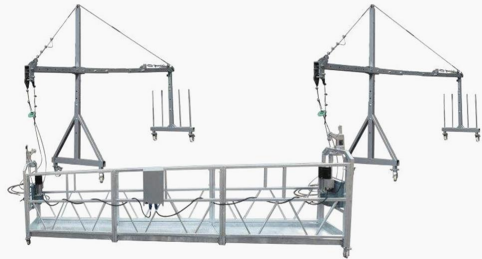


PART I: MAIN MODELS AND SPECIFICATIONS

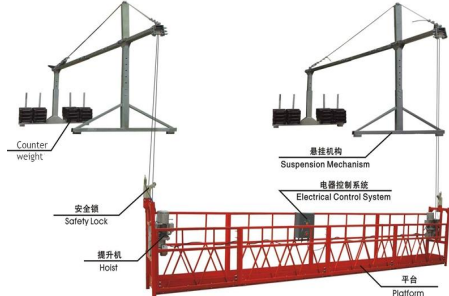
ZLP 500 Steel /Aluminum Suspended Platform 5m

Platform Dimension (L×W×H) mm	5000×690×1180	
Rated Capacity (kg)	500	
Lifting Speed (m/min)	9.3	
Motor Power (kw)	2×1.5	
Braking Torque (Nm)	15	
Lifting Height (m)	50~200 (min~max)	
Counter Weight (kg)	800kg	
Cube without counterweight (m3)	4	

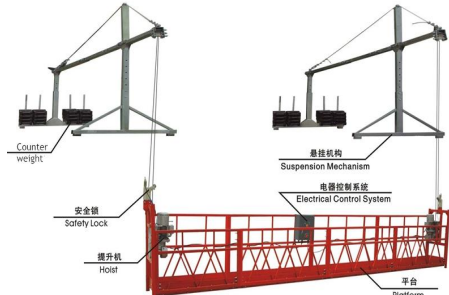
ZLP 630 Steel /Aluminum Suspended Platform 6m

Platform Dimension (L×W×H)mm	6000×690×1180	
Rated Capacity (kg)	630	
Lifting Speed (m/min)	9.3	
Motor Power (kw)	2×1.5	
Braking Torque (Nm)	15	
Lifting Height (m)	50~200 (min~max)	
Counter Weight (kg)	900kg	
Cube without counterweight (m3)	4.3	

ZLP 800 Steel /Aluminum Suspended Platform 7.5m

Platform Dimension (L×W×H)mm	7500×690×1180	
Rated Capacity (kg)	800	
Lifting Speed (m/min)	8.2	
Motor Power (kw)	2×1.8	
Braking Torque (Nm)	15	
Lifting Height (m)	50~200 (min~max)	
Counter Weight (kg)	800kg	
Cube without counterweight (m3)	4.5	

ZLP 1000 Steel /Aluminum Suspended Platform 7.5~10m

Platform Dimension mm(L×W×H)	7500/10000×690×1180	
Rated Capacity (kg)	1000	
Lifting Speed (m/min)	8.2	
Motor Power (kw)	2×2.2	
Braking Torque (Nm)	15	
Lifting Height (m)	50~200 (min~max)	
Counter Weight (kg)	1300kg	
Cube without counterweight (m3)	4.5~5	

PART II: SPECIAL DESIGN PLATFORM

Above is ZLP Series standard suspended platforms, Besides, We could supply other kinds of special Suspended Platform, Please reference the following designs.



Single personnel min platform



U type platform



Swing type with suitable angle



Frame stirrup:Slipped over the platform like a "frame"



Circular platform



Double deck platform



Platform with higher toe plate



Wire winder type platform

PART III: MAIN PARTS AND SPECIFICATIONS

Hoist Technical data

Model	LTD6.3	LTD8.0	LTD10
Rated Lifting Force	6.3KN	8KN	8KN
Lifting Speed	9.3m/min	$8.2 \pm 0.5\text{m/min}$	$8.2 \pm 0.5\text{m/min}$
Motor Power	1.5 KW	1.8KW	2.2KW
Diameter Of Wire Rope	Φ 8.3mm	Φ 8.6mm	Φ 9.1mm
Self Weight	48kg	52kg	80kg



LTD6.3



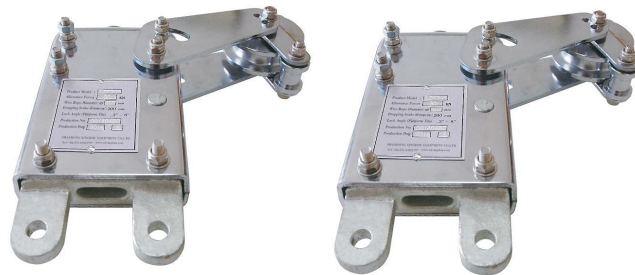
LTD8.0



LTD10

LSG20/LSG30 Ant -inclination Safety Lock

LST20/LSB30 anti-inclination safety lock is safety device that can automatic closed and lock the security steel wire to stop the platform; prevent the platform falling while the steel wire break or a platform glide causes the platform falls.



Technical Parameters:

Model	Structural principle	Allowable impulsive force	Locking rope distance	Locking rope angle	Diameter of steel wire(mm)
LSG20	Anti-tilting	20KN	$\leq 100\text{mm}$	$3^\circ \sim 8^\circ$	Φ 8.3~8.6
LSG30	Anti-tilting	30KN	$\leq 100\text{mm}$	$3^\circ \sim 8^\circ$	Φ 8.6~10.2

Electrical Control Panel



Zinc / Painting spray coat

Power Source: 380v/50hz 3P(Standard)

Other option:220v, 400v, 415v,440v,460v,
480v/50~60Hz, 3Phase
Or 220v/50/60Hz, 1Phase

The electrical box have different Configuration

3 Contactors, 4 Contactors,
with motor protector or not,
with phase sequence protector or not
and ect..



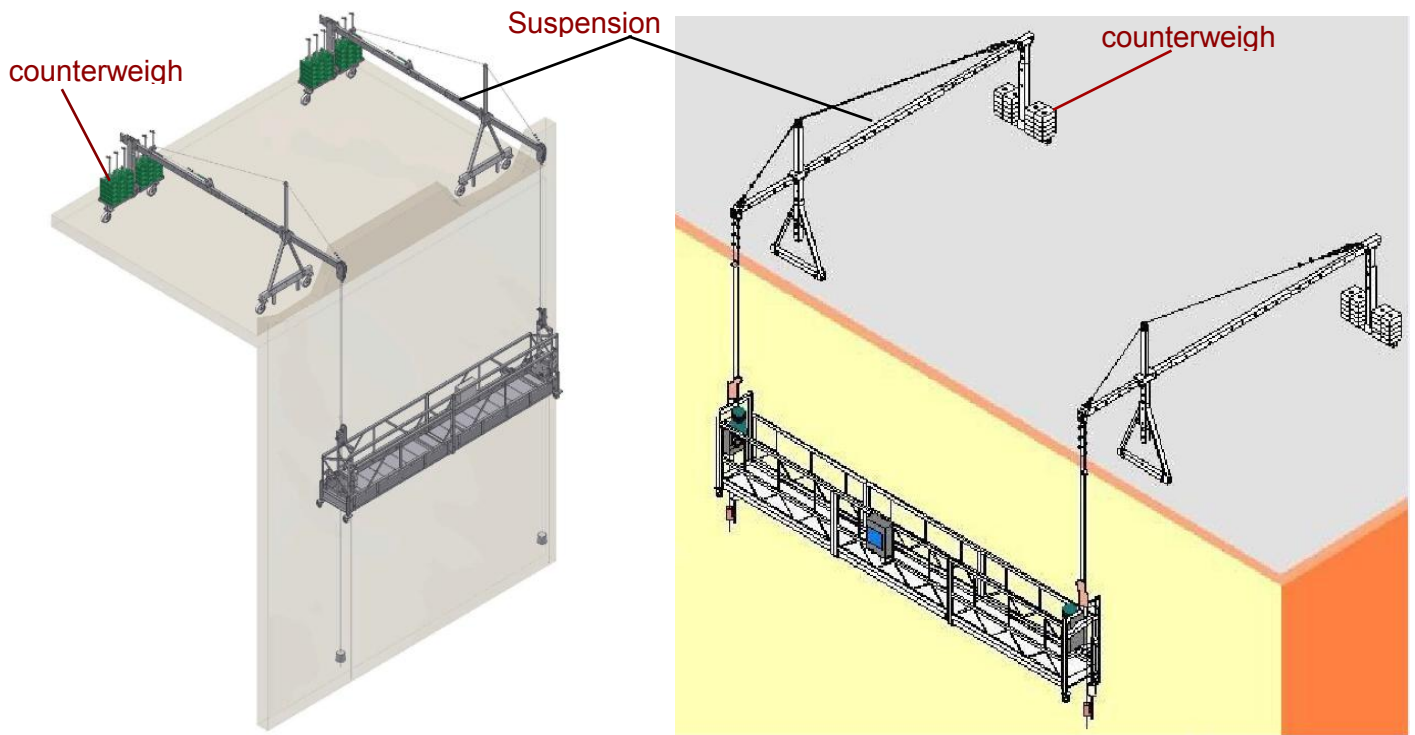
Adopting famous Chinese brand Chint or international brand Schneider electric components, 36v safe control voltage, high working performance and long service period.



Suspension Mechanism

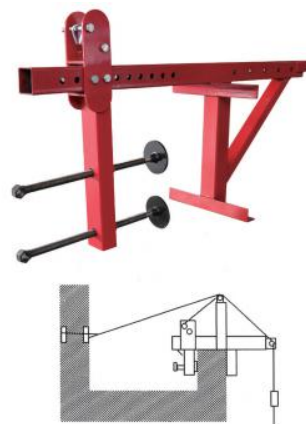
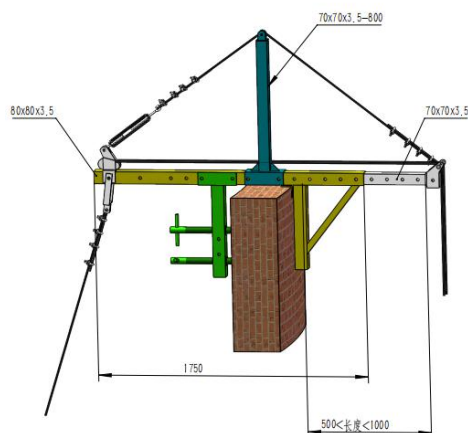
1. Standard Suspension Support: The Suspension Mechanism located at building roof, as below photos the kind of Suspension Mechanism need counterweight to fix it.

Application: Building roof have enough space to hold it. For the suspension Support base, casters can be assembled as customers option. And the suspension front beam overhang distance can reach to 1.5m or long as requirement.



2. Parapet Clamp: Be anchored at the Parapet, no need counterweight

Application: For some building roof, there are no enough space to put standard suspension, but have parapet. The parapet must be concrete pouring type wall or same strong enough wall for bearing the strength. And the overhang distance can be 1.0m. (Below are 2 designs for reference)



PART IV: REFERENCE SPARE PARTS



5芯航空插头.
5-pin aviation plug



8芯航空插头
8-core aviation plug



12芯航空插头
12-pin aviation plug



按钮开关
Power switch button



电磁刹车
Electromagnetic brake



吊头
Hanging head



吊头
Hanging head



吊头
Hanging head



分绳器
The ropeer



钢带
Steel strip



行程开关
Limit switch



花篮
Flower blue



空气开关
Air switch



拉板
Pull the board



拉板
Pull the board



绳轮
Rope round



收绳器
Take the rope



手柄开关
Handle switch



锁芯
Lock core



指示灯
Indicator light



铸钢绳卡
Cast steel rope card



转换开关
Switch



安全大绳
Safe big rope



自锁器
Self-lock device



钢丝绳
Wire rope



配重模具
Counterweight Mould



吊篮配重块
Counterweight



电缆线
Cable Line



脚轮 Caster



靠墙轮 Wall wheel



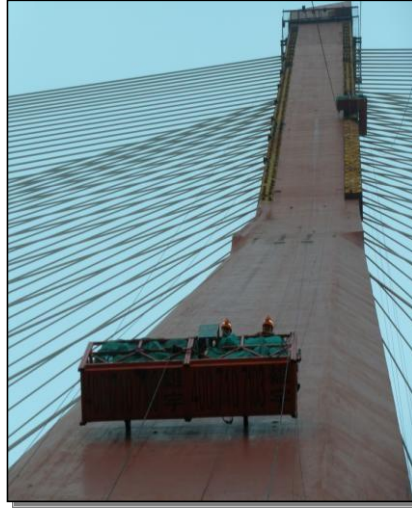
铁包皮配重
Steel wrapped
counterweight



铸铁配重
Iron cast
counterweight

PART V: REFERENCE PROJECTS

Project Cases



(I) The suspended platform is mainly used in the refurbishing of outer wall, Installation of curtain wall and window cleaning, etc

