



TDT®



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无锡华科机械设备有限公司
WUXI HUAKE MACHINE EQUIPMENT CO.,LTD

专业、创新、求实、诚信

Professional, Innovative, Realistic, Credible



行政办公大楼
Administration Building



国务院发展研究中心领导来公司调研和指导
Visiting Of Leader Of China State Council



张总与伊朗客户成功签约
Successful Cooperation In The Exhibition



以色列客户在华科考察
Israel Customer Visit In TDT



成功合作
Successful Cooperation



德国采购商高度评价华科吊篮
Germany Customer Speaks High Of TDT Quality



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生产车间
Production workshop



会议研讨
In the meeting



加工中心
Processing center

公司简介

无锡华科机械设备有限公司是一家中外合资、专业生产和销售施工升降机、电动吊篮以及升降平台的高新技术企业，公司位于无锡市羊尖机械装备工业园内，注册资金2009万元，拥有生产基地40000平方米，其中综合办公区5500平方米、专业生产区22000平方米。本公司采用多项先进技术的各类型产品已应用于世界各地和中国众多城市的高楼大厦上，正在安全和高效的为用户效力。

公司注重产品的研究和开发工作，并和多家国外公司（美国、德国、俄罗斯、中东等）进行深入的技术开发合作，公司将利用强大的技术实力做后盾，以高度的技术责任感和灵活的构思为满足瞬息万变的建筑市场作出不懈的努力。在城市建筑高度发展的今天，我们始终坚持用先进的技术、精良的服务、真诚的态度对待每一位客户，使产品与建筑物巧妙的结合起来，创造城市优美和谐的环境空间。

为加大市场开发力度，公司陆续在中国各省、直辖市设立了数十家办事处，使我们的服务更加迅速、便捷。公司还积极投身国际市场的开拓与运营，通过设立海外办事处、代理等形式，逐渐使我们的产品遍布亚洲、非洲、欧洲、南美、北美等地，目前公司已有45%的产品远销海外市场，产品深受客户好评。

Company Profile

Wuxi Huake Machine Equipment Co., Ltd. is located in Wuxi, which is about 50mins by train from Shanghai. Our registered capital is 20.09 million RMB, covers an area of 40,000 square meters. Our Brand is "TDT", which has been named as China Famous Brand. Our products have got 19 national patents.

Wuxi Huake Machine Equipment Co., Ltd. is a professional manufacturer of building hoists, suspended platform and Mast Climbing Work Platform. We are one of Chinese platform exporting bases as well. TDT product is spreading over 120 countries and regions, such as UAE, Saudi Arabia, Vietnam, India, Russia, England, Brazil, Chile, USA, Israel, Algeria, other Asia, Africa, South America, North America and European countries, etc. Our products are widely acknowledged and reputed by domestic and overseas customers because of superior quality and stability.

With innovative technology, advanced manufacturing equipments, first class professional management team, we would like to express our warmly welcome and sincerely thanks to your interest and attention. We believe that we can provide professional service and best quality back to all of you.

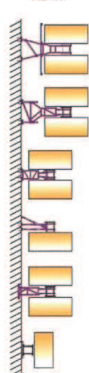


我们的建筑升降机载重可达3200kg,提升速度可达96m/min,最大架设高度可达350m。除了一般施工用的施工升降机,我公司还专为特殊建筑物的施工设计并生产了特种施工升降机。其中包括曲线形施工升降机、倾斜式施工升降机、双柱大吨位施工升降机以及小型工业用施工升降机等。

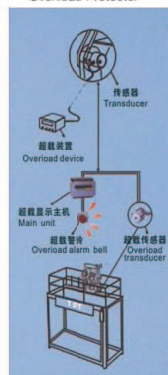
Our building hoist payload capacity is as much as 3200kg, lifting speed can reach up to 96m/min, and the erection height reaches up to 350m. Beside the normal type, our company has also designed and manufactured specialized hoists for construction of special building, such as curve, slope, twin mast, 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 gasprotected welding shaped. The mast section can be steel painting or dipping zinc. At the mean time, the cage size can be designed according to the customers' need. We have normal building hoist, frequency conversion building hoist, small size hoist, curve building hoist, twin mast building hoist, and so on.

1. 速度：每分钟36米到每分钟96米。
 2. 吊笼：单笼或双笼。
 3. 额定载重量：1000kg到3200kg。
 4. 安装高度：30米到350米。
 5. 吊笼规格：根据顾客需求。
1. Speed: from 36m/min to 96m/min
 2. Cage: one cage or twin cage
 3. Rated Load: 1000kg to 3200kg
 4. Installation Height: From 30m to 350m
 5. Size of cage: according to customers' need

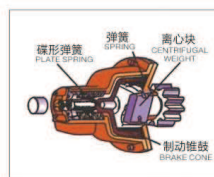
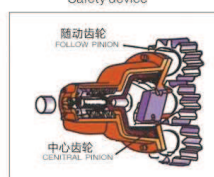
附墙架
Tie-in



超载保护器
Overload Protector



防坠安全锁
Safety device



产品配色
Product Colour



普通升降机 | General Building Hoist

1. 结构简单、成本低
 2. 安装、维修方便
1. Simplicity and cost saving
 2. Easy for installation and maintenance

技术参数/Technical parameter

产品型号 model	额定载重量(kg) Capacity	提升速度(m/min) Lifting speed	电机功率(kw) Motor power	对重量(kg) Counter weight
SC100TD	1000	0~36	2×11	0
SC120TD	1200	0~36	2×11	0
SC200TD	2000	0~36	3×11	0
SC100/100	2×1000	0~36	2×2×11	0
SC100/100TD	2×1000	0~36	2×2×11	0
SC120/120TD	2×1200	0~36	2×2×11	0
SC200/200TD	2×2000	0~36	2×2×11	0

备注/Remark:

1. 吊笼尺寸推荐规格 (L*W*H) (m): 3.2*1.5*2.5; 2.5*1.3*2.5; 3*1.3*2.5; 3.2*1.5*2.5; 3.6*1.5*2.5; 3.8*1.5*2.5; 4*1.5*2.5; 4.2*1.5*2.5
 2. 特殊尺寸可根据客户需要制作。
 3. 标准节是650*650*1508mm, 或根据客户需要制作。
1. Standard cage dimension is 3.2*1.5*2.5 other available cage dimension (L*W*H)(m): 2.5*1.3*2.5; 3*1.3*2.5; 3.2*1.5*2.5; 3.6*1.5*2.5; 3.8*1.5*2.5; 4*1.5*2.5; 4.2*1.5*2.5
 2. Special dimension can be made according to requirement of customer.
 3. Standard mast section is 650*650*1508mm, or can be made according to requirement of customer.



变频调速升降机 Frequency Conversion Building Hoist



主要特点 Main character

- | | |
|-----------------------|--|
| 1、节能、启动电流小于额定电流。 | 1. Power saving、Start current is lower than rated current. |
| 2、速度可调，最高提升速度96m/min。 | 2. Running at Various speed up to 96m/min. |
| 3、变频控制系统。 | 3. Frequency convertible Control system. |
| 4、启制动平稳、机械磨损低。 | 4. Run smoothly at starting and braking, reduce the fray. |

技术参数 Technical parameter

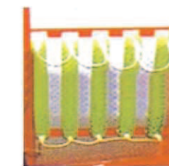
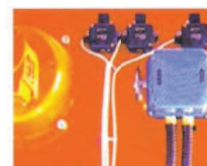
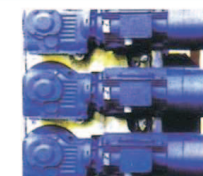
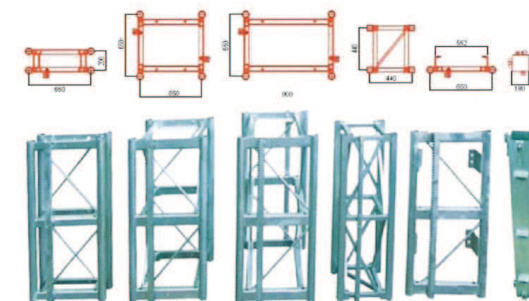
产品类别 Model Range	产品型号 model	额定载重量(kg) Capacity	提升速度 (m/min) Lifting speed	电机功率 (kw) Motor power	变频器功率 (kw) Inverter Power	对重重量 (kg) Counter weight
SC 100G	SC100GD	1000	0~40	2×11	30	0
	SC100GZ	1000	0~63	3×15	45	0
	SC100GS	1000	0~96	3×22	75	0
SC120G	SC120GD	1200	0~40	2×11	30	0
	SC120GZ	1200	0~63	3×15	45	0
	SC120GS	1200	0~96	3×22	90	0
SC200G	SC200GD	2000	0~40	3×11	37	0
	SC200GDS	2000	0~40	3×11	37	0
	SC200GZ	2000	0~63	3×18.5	55	0
	SC200GZS	2000	0~63	3×18.5	55	0
	SC200GSN	2000	0~96	3×18.5	90	0
SC270G	SC270GD	2700	0~40	3×18.5	55	0
	SC270GZSN	2700	0~63	3×18.5	90	0
	SC270GN	2700	0~96	3×22	110	0
SC120/120G	SC100/100GD	2×1000	0~40	2×2×11	2×30	0
	SC100/100GZ	2×1000	0~63	2×2×15	2×45	0
	SC100/100GS	2×1000	0~96	2×3×22	2×75	0
	SC120/120GD	2×1200	0~40	2×2×11	2×30	0
SC200/200G	SC120/120GZ	2×1200	0~63	2×3×15	2×45	0
	SC120/120GS	2×1200	0~96	2×3×22	2×75	0
	SC200/200GD	2×2000	0~40	2×3×11	2×37	0
	SC200/200GDS	2×2000	0~40	2×3×11	2×37	0
	SC200/200GDN	2×2000	0~40	2×2×11	2×37	0
	SC200/200GGZ	2×2000	0~63	2×3×18.5	2×55	0
SC270/270G	SC200/200GZS	2×2000	0~63	2×3×18.5	2×55	0
	SC200/200GN	2×2000	0~96	2×3×18.5	2×90	0
	SC270/270GD	2×2700	0~40	2×3×18.5	2×55	0
	SC270/270GZSN	2×2700	0~63	2×3×18.5	2×90	0
	SC270/270GN	2×2700	0~96	2×3×22	2×110	0

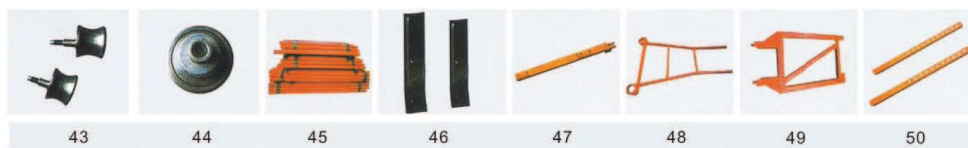
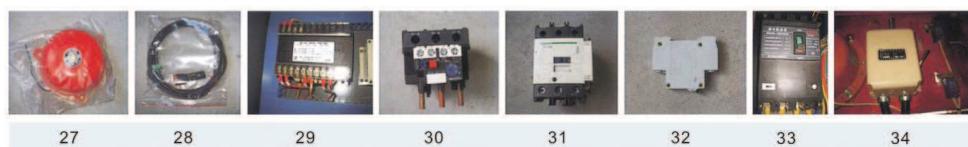
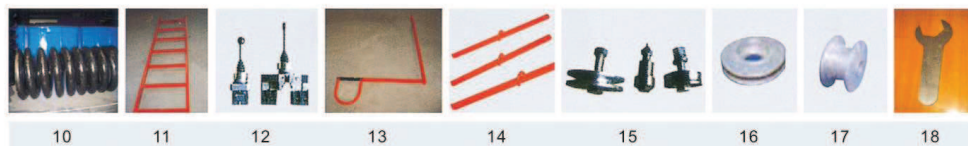
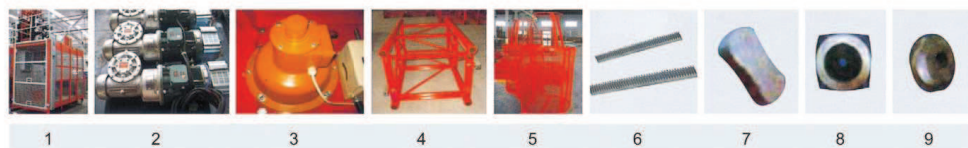
备注 /Remark:

- 吊笼尺寸推荐规格 (L*W*H) (m): 2.5*1.3*2.5; 3*1.3*2.5; 3.2*1.5*2.5; 3.6*1.5*2.5; 3.8*1.5*2.5; 4*1.5*2.5; 4.2*1.5*2.5吊笼尺寸也可根据客户需要制作。
- 型号中带 "G S" 者为SEW电机减速机的高速施工升降机。
- Recommended cage dimension (L*W*H) (m): 2.5*1.3*2.5; 3*1.3*2.5; 3.2*1.5*2.5; 3.6*1.5*2.5; 3.8*1.5*2.5; 4*1.5*2.5; 4.2*1.5*2.5 Cage dimension is according to requirement of customer.
- The model code with "GS" means "SEW motor sr" provided.



标准节规格 Size of mast section (每节高度H=1508mm)





序号 Item	名称 Name
1	笼子 Cage
2	传动件 Standard drive machinery
3	防坠器 Safety device
4	标准节 Mast section
5	电缆筒 Cable drum
6	齿条 Rack
7	制动块 Brake pad
8	制动盘 Brake disc
9	电磁铁 Electromagnet
10	缓冲弹簧 Buffer spring
11	梯子 Ladder
12	十字开关 Joystick
13	电缆保护架 Cable guiding
14	标准节吊具 Spreader for mast section
15	对重滚轮 Counterweight roller
16	下门轮 Gate roller lower
17	上门轮 Gate roller upper
18	腰滚轮扳手 Roller spanner
19	腰滚轮 Roller
20	螺栓 Bolt
21	护口 Jacket
22	齿轮 Pinion
23	坠落操作盒 Drop test operate box
24	外笼操作盒 Out operator box
25	锁开关 Lock

序号 Item	名称 Name
26	限位开关 Limit switch
27	警铃 Belling
28	报警器 Alarm
29	变压器 Transformer
30	热继电器 Thermal relay
31	接触器 Contactor
32	小型断路器 Mini breaker
33	漏电开关 Creepage switch
34	极限开关 3 Phase switch
35	超载装置 Over load
36	速度继电器 Speed relay
37	坠落插头 Drop test plug
38	门滑轮 Door pulley
39	马达制动器总成 Brake assembly
40	马达衔铁 Motor armature
41	蜗轮箱油封 Oil seal for gearbox
42	围栏底架 Enclosure base
43	导向轮 Guide wheel
44	齿条背轮 Counter wheel
45	导柱 Vertical pipe
46	电缆档条 Cable guard
47	固定杆 Fixed rod
48	短前支撑 Short front brace
49	支撑架 Main support
50	调整杆 Adjustable bracket

SCP型施工升降平台的传动原理与施工升降机相同，因而它的主要部件如标准节、齿轮、齿条、减速机等均均可互换。平台的长度和宽度都可根据需要而改变，是建筑施工中不可缺少的机械设备。此外，SCP型施工升降平台在安装、使用时不须预制基础，可以方便地变换作业地点。

安全特点：

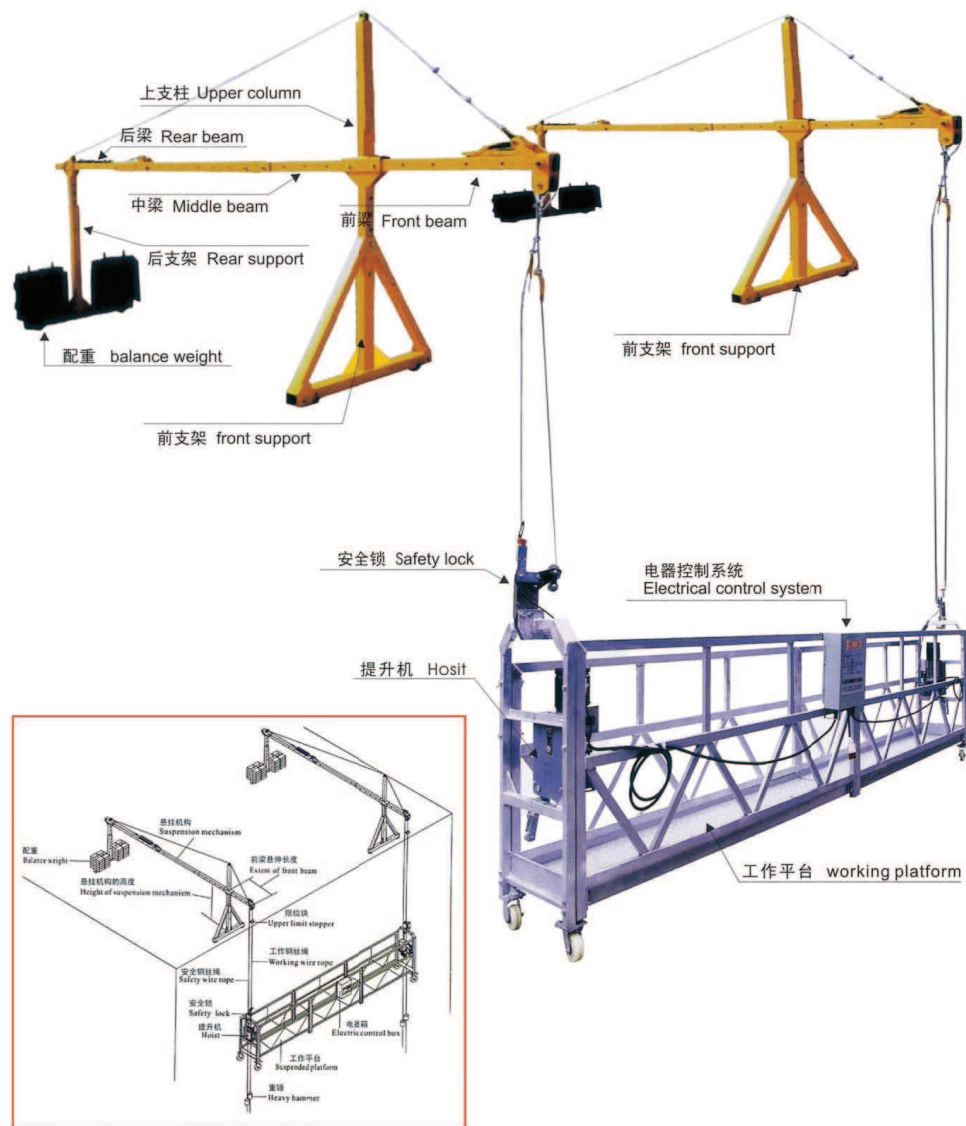
1. 配备超载
2. 配备不平衡装置
3. 同步运行装置（双柱平台用）
4. 带防坠安全装置（根据客户要求可配置）
5. 带匀速限速器，防止平台超速下滑。
6. 具有手动滑降设备，无电时，可人工下降。

技术参数 TECHNICAL DETAILS OF SCP230

DESCRIPTION	单柱 Single Mast		双柱 Double Mast	
平台长度Platform Length (m)	3.0-10.3		8.6-23.6	
平台宽度Platform width (m)	1.5-2.5		1.5-2.5	
标准节间距 Distance between mast centre (m)	-----		7.3-13.3	
附墙间距 Distance between anchors(m)	A≤50m	A>50m	A>50m	A>50m
	6	6	6	6
最大独立高度Max. mast height free-standing(m)	15		15	
最大安装高度Max. mast height anchored (m)	150		150	
最大悬臂 Max. mast height above last anchor(m)	A≤50m	A>50m	A≤50m	A>50m
	8	6	8	6
标准节型号Mast Type	700X700X1508		70CX700X1508	
承载人数 Max.number of person	3		3	
提升速度Platform speed(m/min)	6		6	
额定载重量 Loading capacity(kg)	2000		2000	
第一道附墙安装高度 Height of first anchor for ground frame(m)	3		3	
第二道附墙安装高度Height of second anchor for ground frame (m)	9		9	
千斤顶最大高度Max. height jack chassis min-max(m)	0.6-0.72		0.6-0.72	
主机底部到围栏距离 Height platform incl. Fence 1.1m (m)	1.95		1.95	
主机底端到平台踏板高度Height platform ton deck (m)	0.83		0.83	
主机围栏高度 High platform fence upper side mast cover(m)	2		2	
电机数量 Number of motors	2		4	
电机额定功率 Motors power mast climbing work	2X2.2KW		4X2.2KW	
启动额定电流 Max. starting current	±60A		±120A	
供电电压 Min. supply voltage	380V			
供电频率 Supply frequency (depending on the national conditions regarding to power supply)	50HZ or 60HZ			
熔断电流 Fuse at building site(slow)	16A		25A	
控制电压Control voltage	42Vac			
控制频率Control voltage frequency	50/60HZ			
电缆Machine cable	Up to 80m:3X6+1X4mm		3X10mm	
	Up to 150m:3X10+1X4mm			

Remarks: 1.The Mast Section Dimension Can Be 500*500*1508 Or 600*600*1508; 2. The Max Length Can Be Max For 30m





调节范围1150-1800mm，高度调节，自由伸缩的挂臂，可适用于不同高度的女儿墙和复杂面，并可根据各种特殊的工作条件，另行设计制造。

The height of the platform can be adjusted within 1150-1800mm with arm which can be stretched out and drawn back, It can be widely used parapet and complicated building in different height. And we can also supply customized platform to meet different requirement from the customers.

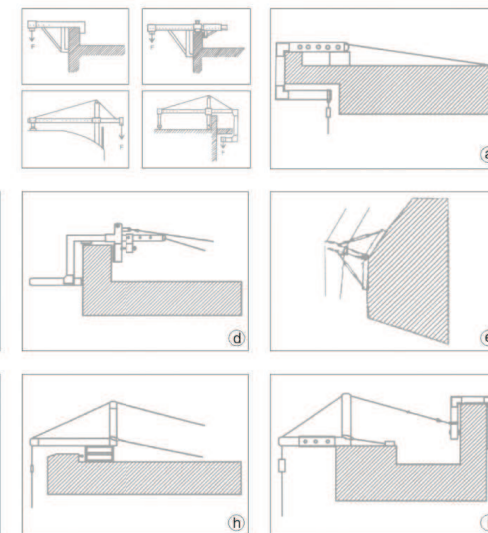
前梁额定伸出量
额定悬挂质量
悬伸梁底面至地面距离
前后支座最大间距

Rated Stretch of the front beam
Rated suspending load:
The distance between suspending beam and the ground:
The max distance between front support and the rear one:

1500mm
8KN x2
1200mm
4600mm

本公司除提供通用悬挂机构外，可根据各种房屋结构设计适用于特殊屋面的悬挂结构（如下图）

In addition to generalised suspending mechanism, we can also make special suspending platform in accordance with different building wall.

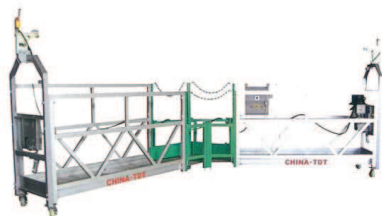




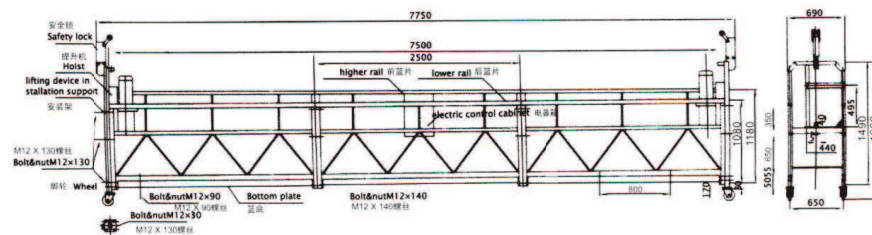
铝 Aluminum alloy

镀锌 Steel with dipping zinc

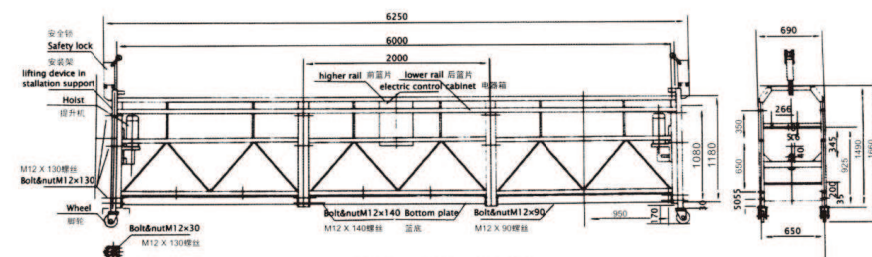
型号 Model	ZLP150	ZLP300	ZLP500	ZLP630	ZLP800	ZLP1000	
材质 Material	Steel/Steel With Dipping Zinc/Aluminum Alloy						
高度 Height	100m						
额定载重 Rated load(kg)	150	300	500	630	800	1000	1000
平台长度 Length of platform(m)	1.5	3	5	6	7.5	7.5	10
安全锁型号 Safety lock type	LST20	LST20	LST20	LST20	LST20	LST20	LST20
提升机型号 Hoist model	LTD6.3	LTD3.0	LTD5.0	LTD6.3	LTD8.0	LTD10.0	LTD10.0
体积 Volume(m³)	1.6	2.3	2.9	3	3.2	3.3	3.5
重量 Weight(kg)	800	1700	1650	1850	2000	2300	2400
20尺柜20'container(pcs)	12	10	9	8	8	7	6
配重Counter weight(kg)	25x16pcs	25x28pcs	25x30pcs	25x36pcs	25x40pcs	25x50pcs	25x60pcs
钢丝绳直径 Diameter of steel tope(mm)	8.3	8.3	8.3	8.3	8.6	8.6/9.2	9.2
电压 Voltage(v)	380	380	380	380	380	380	380



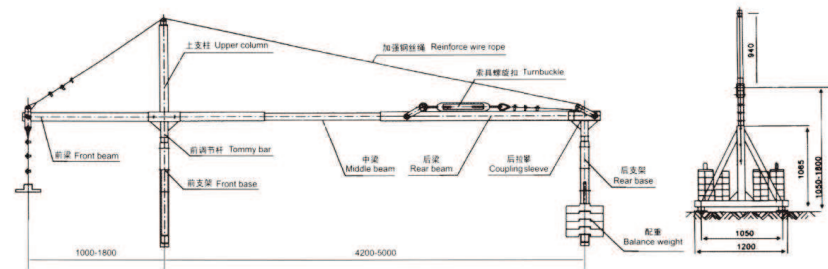
特殊平台 Special Working Platform



ZLP800型工作平台
ZLP800 type working platform



ZLP630型工作平台
ZLP630 type working platform



ZLP系列悬挂机构名称及规格
ZLP series high operation suspending part name and size

提升机 Hoist



提升机型号 Hoist model	LTD6.3
适应范围 Adjusted specification	ZLP150,ZLP300,ZLP500,ZLP630
额定提升力 Rated lifting load	6.3KN
提升速度 Lifting speed	9~11m/min
电机功率 Motor power	1.5KW
钢丝绳直径 Steel wire rope dia	φ 8.3mm

提升机型号 Hoist model	LTD8.0 a & S type
适应范围 Adjusted specification	ZLP800
额定提升力 Rated lifting load	8KN
提升速度 Lifting speed	8~10m/min
电机功率 Motor power	1.8KW~2.2KW
钢丝绳直径 Steel wire rope dia	φ 8.6mm

电箱 ELECTRIC CONTROL CABINE



电箱 Electric control cabine

电器控制系统采用多种保护装置，自动限位、漏电保护、过热保护、紧急制动、电流过载保护，操作简便，安全可靠。

Electric control system consists of many a few protection devices,e.g.auto-limited,electric leakage proof, overheat protection,sudden-stop,over-current Protection,it is reliable and very easy to operate.

安全锁 INCLINATION-STOPLOCK



LST20/LST30/LSG20

安全锁型号 Safety lock model	LST20/LST30/LSG20
适应范围 Adjusted specification	All models
允许冲击力 Allowable compact force	20KN~30KN
锁绳角度调节范围 Adjusting range of rope lock angle	3° -8
锁绳距离 Rope lock distance	≤100mm



TDT In Kuwait



TDT In Paraguay



TDT In Italy



TDT In Russia



TDT In Beijing



TDT In India