



卓越品质 · 诚信天下

# PRODUCT MANUAL 产品手册



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**仁特智合(江苏)装备科技有限公司**  
RenteZhihe (JiangSu) Equipment Technology Co.,Ltd

# 公司简介 COMPANY INTRODUCTION

仁特智合(江苏)装备科技有限公司由于战略发展需求,2025年4月由江苏沃斯特智能技术有限公司更名而来,致力于舞台机械、演出设备、工业机械、智能系统的研发和生产。经过多年的发展,我公司已成为国内舞台机械、演出行业设备最具有规模的生产厂家之一。以高质量品质为文化艺术中心、体育馆、会议中心、剧院、学校礼堂、娱乐演出行业等项目提供设计、生产、安装、调试多元化解决方案及一站式服务,并提供产品设备的长期维护,产品畅销国内外,赢得了客户、业主和社会各方的高度认可。仁特智合将在这个全新的起点上,依托自主研发与科技创新,努力打造成为机械生产领域的杰出品牌企业。

Rentezhihe (Jiangsu) Equipment Technology Co., Ltd. was renamed from Jiangsu Wost Intelligent Technology Co., Ltd. in April 2025 due to strategic development needs. It is dedicated to the R&D and production of stage machinery, performance equipment, industrial machinery, and intelligent systems. After years of development, our company has become one of the largest manufacturers of stage machinery and performance industry equipment in China. With high-quality products, we provide diversified solutions and one-stop services (including design, production, installation, and commissioning) for projects in cultural and art centers, stadiums, conference centers, theaters, school auditoriums, and entertainment performance industries, and also offer long-term maintenance for product equipment. Our products are sold well both in and abroad, and we have won high recognition from customers, owners, and all sectors of society. At this new starting point, Rentegzh will rely on independent R&D and technological innovation to strive to become an outstanding brand enterprise in the mechanical production field.

2万<sup>m</sup><sup>2</sup> 生产基地 | 30+ 加工设备 | 9\* 部门 | 30+ 技术人员 | 100+ 企业职工

国家高新技术企业

National High-Tech Enterprise

钢结构工程专业承包二级

Grade II Qualification for Specialized Contracting of Steel Structure Engineering

机电工程施工总承包二级

Grade II Qualification for General Contracting of Mechanical and Electrical Engineering

电子与智能化工程专业二级

Grade II Qualification for Electronic and Intelligent Engineering

建筑施工企业安全生产许可证

Work Safety Permit for Construction Enterprises

专业舞台机械(幕布)设计安装调试甲级

Grade A Qualification for Design, Installation and Commissioning of Professional Stage Machinery (Curtains)

专业舞台音响、灯光设计安装调试甲级

Grade A Qualification for Design, Installation and Commissioning of Professional Stage Audio and Lighting

质量、环境、职业健康安全管理体系认证

Quality, Environment and Occupational Health and Safety Management System Certification



提供从设计咨询、研发生产、包装物流、安装调试到售后维护的全生命周期服务流程,为客户量身打造定制化解决方案,满足客户的需求。我们提供多元化解决方案及一站式服务,并最终专业可靠的方案设计和项目实施赢得客户信任。

We provide a full-lifecycle service process covering design consultation, R&D and production, packaging and logistics, installation and commissioning, and after-sales maintenance. We tailor customized solutions to meet customer needs, offer diversified solutions and one-stop services, and ultimately gain customer trust through professional and reliable solution design and project implementation.



企业实力



荣誉资质



合作客户

# 专业舞台机械生产厂家

Professional Stage Manufacture

舞台机械设计 · 生产 · 安装工程服务商

Manufacturer & Integrated Engineering Services for Design, Production, and Installation.

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立式自排绳舞台吊机	Vertical Auto-spooling Stage Winch
伺服系统自排绳舞台吊机	Stage Winch Servo Series
双点自排绳舞台吊机	Dual-Point Self-Tailing Stage Winch
流动式自排绳舞台吊机	Mobile Self-Tailing Stage Winch
一字自排绳舞台吊机	Single Auto-spooling Stage Winch

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### 03 演艺空间艺术系列

单点舞台吊机	Single Point Stage Winch
双点舞台吊机	Double Point Stage Winch
伺服数控卷幕机	Servo CNC Curtain Winding Machine
刚性/丝杠/齿条/链条举升链升降台	Rigid/Screw/Rack/Chain Lifting Chain Lift Table

### 04 刚性举升链系列

30A刚性举升链	30A Rigid Lift Chain
35A刚性举升链	35A Rigid Lift Chain
40A刚性举升链	40A Rigid Lift Chain
60A刚性举升链	60A Rigid Lift Chain
80A刚性举升链	80A Rigid Lift Chain
100A刚性举升链	100A Rigid Lift Chain

### 05 防火幕阻尼机

防火幕阻尼机	Fire Curtin Damper
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### 06 限位开关

旋转齿凸轮限位开关	Gear Limit Switch
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## L型自排绳舞台吊机

L-Type Auto-spooling Stage Winch



### 产品性能

- 1.有轨卷绳技术,解决跳绳、乱绳。
- 2.便于安装。
- 3.适用于大中型剧场、多功能厅、报告厅。

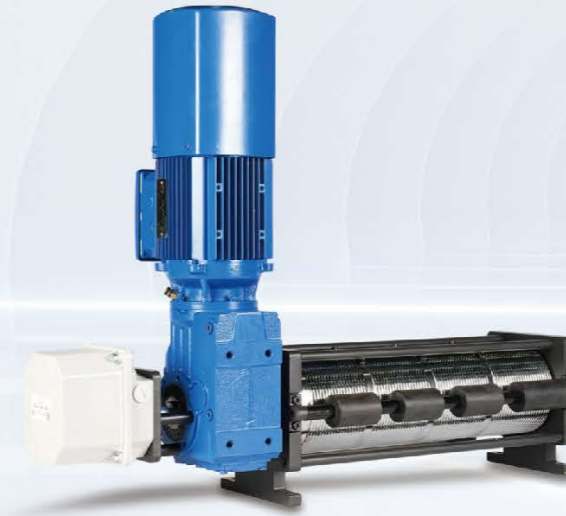
### Product Features

- 1.Adaptive zerofleet technology.
- 2.Easy and versatile installation.
- 3.Suitable for big/medium-sized theater or auditorium.

可根据需求定制产品 Customizable

## L型大卷筒舞台吊机

L-Type Large-drum Stage Winch



### 产品性能

- 1.结构稳定,耐用,可靠。
- 2.一体式有轨卷绳技术,解决跳绳、乱绳。
- 3.便于安装。
- 4.适用于大中型剧场、多功能厅、报告厅。

### Product Features

- 1.Durable and high safety factor.
- 2.Adaptive zerofleet technology.
- 3.Easy and versatile installation.
- 4.Suitable for big/medium-sized theatre or auditorium.

可根据需求定制产品 Customizable

### 产品结构

由电机、减速机、编码器、行程检测、钢丝绳卷筒、乱绳检测等构成。

### Mechanical Components

Electric motor,Reducer,Encoder,Roller drum and Rope arrangement sensors.

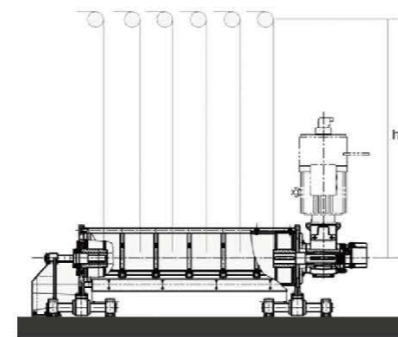
### 安全功能

- 1.高安全因素:负载和制动器之间的所有部件超过额定负载设计,提高了安全系数。
- 2.双制动:每个制动系统能独立地停止载荷单元,防止意外及危险。
- 3.行程精控技术:搭载绝对值编码器,对行程精准有效控制,满足精准运景及升降要求。
- 4.低维护成本:满负荷全速运行下超长工作寿命。
- 5.适用于独立和集成两种控制方式。

### Safety Functions

- 1.HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 4.MINIMIZED MAINTENANCE COST:Extra long service life.
- 5.Individual or Group Control

### 安装方式 Installation Methods



水平向上 Horizontal upright



钢丝绳在有轨卷筒上有序缠绕,并配置传感装置防跳绳、乱绳。

NEAT WINDING TECHNOLOGY  
(Preventing overlapping or skipping)

### 技术参数 Specifications

型号 Model	RTZH-DPJ400/600/800/1000
速度 Speed (m/s)	0.01—1.5
载荷 Load(kg)	400—1200
电机功率 Power(kw)	1.5—22
吊点数 Lifting points(Pc)	4—8
最大行程 Maximum span(m)	15—30
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	(1300—2650)×390×1340
重量 Weight(kg)	350—620

### 产品结构

由电机、减速机、编码器、行程检测、钢丝绳卷筒、法兰、乱绳检测、钢丝绳卷筒立板等构成。

### Mechanical Components

Electric motor,Reducer,Brakes,Roller drum,Flange,Rope arrangement sensors and Side board.

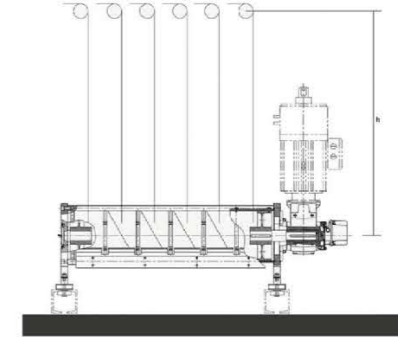
### 安全功能

- 1.高安全因素:负载和制动器之间的所有部件超过额定负载设计,提高了安全系数。
- 2.双制动:每个制动系统能独立地停止载荷单元,防止意外及危险。
- 3.行程精控技术:搭载绝对值编码器,对行程精准有效控制,满足精准运景及升降要求。
- 4.低维护成本:满负荷全速运行下超长工作寿命。
- 5.适用于独立和集成两种控制方式。

### Safety Functions

- 1.HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 4.MINIMIZED MAINTENANCE COST:Extra long service life.
- 5.Individual or Group Control.

### 安装方式 Installation Methods



水平向上 Horizontal upright



钢丝绳在有轨卷筒上有序缠绕,并配置传感装置防跳绳、乱绳。

NEAT WINDING TECHNOLOGY  
(Preventing overlapping or skipping)

### 技术参数 Specifications

型号 Model	RTZH-DPJ400/600/800/1000
速度 Speed (m/s)	0.01—1.5
载荷 Load(kg)	400—1200
电机功率 Power(kw)	1.5—22
吊点数 Lifting points(Pc)	3—8
最大行程 Maximum span(m)	15—30
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	(1300—2650)×390×1340
重量 Weight(kg)	350—620

# 卧式自排绳舞台吊机

Horizontal Stage Winch



## 产品性能

1. 偏角自适应技术, 实现零偏角。
2. 钢丝绳有序缠绕, 传感装置防跳绳、乱绳。
3. 适用于各种剧场。

## Product Features

1. Adaptive zerofleet technology.
2. Neat winding technology (Preventing overlapping or skipping).
3. Suitable for all theater or auditorium.

可根据需求定制产品 Customizable

# 立式自排绳舞台吊机

Vertical Stage Winch



## 产品性能

1. 完美紧凑, 零偏角。
2. 轻松施工作业。
3. 垂直安装, 节省空间。
4. 丝杠与卷轴同轴, 提高速度。

## Product Features

1. Adaptive zerofleet technology and compact design.
2. Easy to install.
3. Space efficient (Vertical design).
4. High velocity from coaxial screw and roller drum.

可根据需求定制产品 Customizable

## 产品结构

由电机、减速机、编码器、钢丝绳卷筒、行程检测、乱绳检测、底座、改向滑轮等构成。

## Mechanical Components

Electric motor, Reducer, Encoder, Roller drum, Travel sensor, Rope arrangement sensors, Base assembly and pulleys.

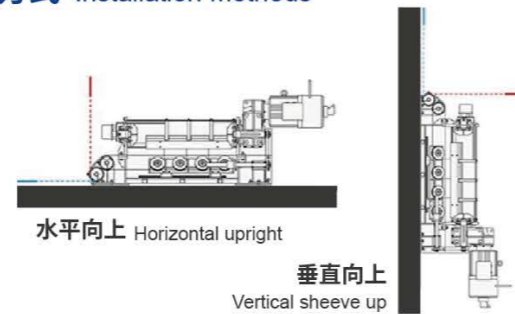
## 安全功能

1. **高安全因素:** 负载和制动器之间的所有部件超过额定负载设计, 提高了安全系数。
2. **双制动:** 每个制动系统能独立地停止载荷单元, 防止意外及危险。
3. **行程精控技术:** 搭载绝对值编码器, 对行程精准有效控制, 满足精准运景及升降要求。
4. **低维护成本:** 满负荷全速运行下超长工作寿命。
5. 适用于独立和集成两种控制方式。

## Safety Functions

1. HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
2. DUAL BRAKING with brakes capable of stopping independently in emergency.
3. PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
4. MINIMIZED MAINTENANCE COST: Extra long service life.
5. Individual or Group Control

## 安装方式 Installation Methods



水平向上 Horizontal upright

垂直向上 Vertical sheeve up



钢丝绳在有轨卷筒上有序缠绕, 并配置传感装置防松绳、叠绳。

NEAT WINDING TECHNOLOGY (Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	Y250/500/800/1000
速度 Speed (m/s)	0.2—1.0
载荷 Load(kg)	250—1000
电机功率 Power(kw)	1.1—11
吊点数 Lifting points(Pc)	2—6
最大行程 Maximum span(m)	30
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	(1780-3070)×360×850
重量 Weight(kg)	240-680

## 产品结构

由电机减速机、卷筒、丝杠、限位开关、自排绳结构、改向滑轮等构成。

## Mechanical Components

Electric motor, Reducer, Roller drum, Limit Switches, Rope aligning assembly and Pulleys.

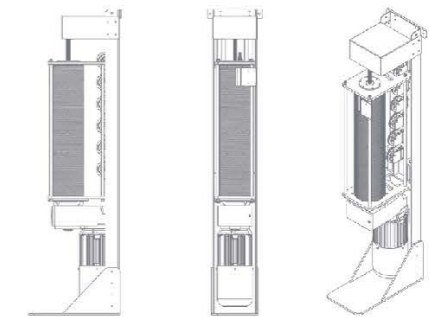
## 安全功能

1. **零部件超负载设计, 安全系数更高:** 负载和制动器之间的所有部件超过额定负载设计, 安全系数更高。
2. **双制动设计, 安全更有保障:** 配备两个独立的制动系统, 每个制动系统能独立地停止载荷单元, 防止意外及危险, 安全更有保障。
3. **载荷自检技术, 保证运行安全:** 载荷自检技术, 过载即触发载荷传感器, 立即停止卷扬机工作, 保证电机安全、平稳运行。
4. **行程精控技术, 使用更省心:** 行程精控技术, 搭载编码器, 能对行程进行精准、有效控制, 满足精准运景及升降要求, 使用更省心。
5. **低维护成本, 使用更省心:** 采用满负荷全速运行下超长工作寿命设计, 以确保低维修率、可靠性及免更换零部件。
6. **控制与操作:** 适用独立与集成两种控制方式, 操作便捷。

## Safety Functions

1. HIGH SAFETY FACTOR with Over-designed Components that can withstand more.
2. DUAL BRAKING with brakes capable of stopping independently in emergency.
3. PAYLOAD INSPECTION TECHNOLOGY: Multiple Sensors that can shutdown the system when sensing emergency.
4. PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
5. MINIMIZED MAINTENANCE COST: Extra long service life.
6. INDIVIDUAL OR GROUP CONTROL.

## 安装方式 Installation Methods



垂直向上 Vertical sheeve up

## 技术参数 Specifications

型号 Model	L500/800/1000
速度 Speed (m/s)	0.2—1.0
载荷 Load(kg)	350—1200
电机功率 Power(kw)	1.5—15
吊点数 Lifting points(Pc)	3—6
最大行程 Maximum span(m)	30
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	700×400×(1700-2100)
重量 Weight(kg)	320-550

# 伺服系统自排绳舞台吊机

Stage Winch Servo Series



## 产品性能

1. 偏角自适应技术, 实现零偏角。
2. 钢丝绳有序缠绕, 传感装置防跳绳、乱绳。
3. 安装方式灵活, 节省空间。
4. 适用于大、中型剧场。

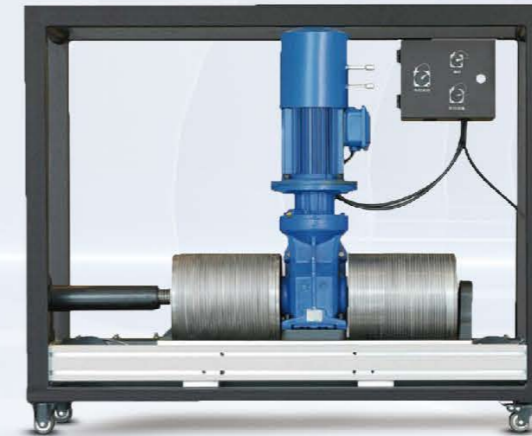
## Product Features

1. Adaptive zerofleet technology.
2. Neat winding technology (Preventing overlapping or skipping).
3. Easy to install, space efficient.
4. Suitable for big/medium-sized theater or auditorium.

可根据需求定制产品 Customizable

# 双点自排绳舞台吊机

Dual-Point Self-Tailing Stage Winch



## 产品性能

1. 耐用, 安全。
2. 单层有轨卷绳, 可自排绳, 无跳绳、乱绳。
3. 自重轻, 安装灵活。
4. 尤其适合剧组巡演及流动演出。

## Product Features

1. Durable and high safety factor.
2. Adaptive zerofleet technology.
3. Lightweight and versatile installation.
4. Suitable for touring shows.

可根据需求定制产品 Customizable

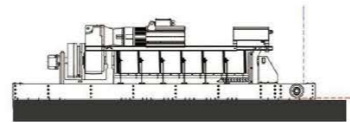
## 产品结构

由伺服电机、减速机、双外部制动器、编码器、钢丝绳卷筒、松绳检测、叠绳检测、底座、改向滑轮等构成。

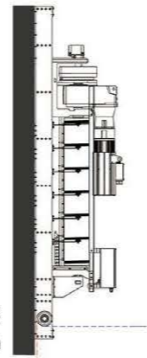
## Mechanical Components

Electric servomotor, Reducer, External dualbrake, Encoder, Payload sensor, Roller drum, Travel sensor, Rope arrangement sensors, Base assembly and Pulleys.

## 安装方式 Installation Methods



卧式安装 Horizontal Installation



立式安装 Vertical Installation



钢丝绳在有轨卷筒上有序缠绕, 并配置传感装置防松绳、叠绳。

NEAT WINDING TECHNOLOGY (Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	RTZH500/800/1000/1200
速度 Speed (m/s)	0.001—3
载荷 Load(kg)	500—1200
电机功率 Power(kw)	1.5—22
吊点数 Lifting points(Pc)	2—6
最大行程 Maximum span(m)	30
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双外部制动 Dual external brakes
尺寸 Size(长Lx宽Wx高H)(mm)	(1800-3200)×412×900
重量 Weight(kg)	240-660

## 安全功能

1. 高安全因素: 负载和制动器之间的所有部件超过额定负载设计, 提高了安全系数。
2. 双制动: 每个制动系统能独立地停止载荷单元, 防止意外及危险。
3. 行程精控技术: 搭载绝对值编码器, 对行程精准有效控制, 满足精准运景及升降要求。
4. 低维护成本: 满负荷全速运行下超长工作寿命。
5. 适用于独立和集成两种控制方式。

## Safety Functions

1. HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
2. DUAL BRAKING with brakes capable of stopping independently in emergency.
3. PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
4. MINIMIZED MAINTENANCE COST: Extra long service life.
5. Individual or Group Control.

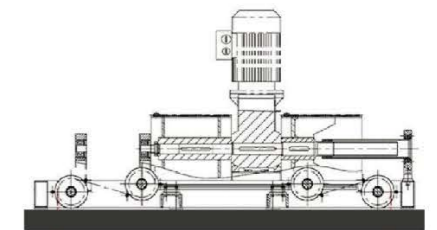
## 产品结构

由电机、减速机、编码器、钢丝绳卷筒、行程检测、乱绳检测、底座、改向滑轮等构成。

## Mechanical Components

Electric motor, Reducer, Encoder, Limit switches, Travel sensor, Rope arrangement sensors, Base assembly and pulleys.

## 安装方式 Installation Methods



水平向上 Horizontal upright



钢丝绳在有轨卷筒上有序缠绕, 并配置传感装置防跳绳、乱绳。

NEAT WINDING TECHNOLOGY (Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	K250/500
速度 Speed (m/s)	0.1—1.0
载荷 Load(kg)	50—500
电机功率 Power(kw)	0.25—7.5
吊点数 Lifting points(Pc)	2
最大行程 Maximum span(m)	30
钢丝绳直径 Diameter of steel wire rope(mm)	2—7
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	1140×300×800
重量 Weight(kg)	135—260

## 安全功能

1. 高安全因素: 负载和制动器之间的所有部件超过额定负载设计, 提高了安全系数。
2. 双制动: 每个制动系统能独立地停止载荷单元, 防止意外及危险。
3. 行程精控技术: 搭载绝对值编码器, 对行程精准有效控制, 满足精准运景及升降要求。
4. 低维护成本: 满负荷全速运行下超长工作寿命。
5. 适用于独立和集成两种控制方式。

## Safety Functions

1. HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
2. DUAL BRAKING with brakes capable of stopping independently in emergency.
3. PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
4. MINIMIZED MAINTENANCE COST: Extra long service life.
5. Individual or Group Control.

# 流动式自排绳舞台吊机

Mobile Self-Tailing Stage Winch

## 产品性能

- 1.设计紧凑,外观时尚。
- 2.轻便,完美适应流动演出。
- 3.双外部制动,安全可靠。
- 4.单层有轨卷绳,零偏角。

## Product Features

1. Compact and modern design.
2. Lightweight and portable, suitable for touring shows.
3. Dual external brakes, high safety factor.
4. Adaptive zerofleet technology.



可根据需求定制产品 Customizable

# 一字自排绳舞台吊机

Single Stage Winch

## 产品性能

- 1.偏角自适应技术,实现零偏角。
- 2.钢丝绳有序缠绕,传感装置防跳绳、乱绳。
- 3.双编码器,精准控制。
- 4.安装方式灵活,节省空间。
- 5.适用于大、中型剧场。

## Product Features

- 1.Adaptive zerofleet technology.
- 2.Neat winding technology (Preventing overlapping or skipping).
- 3.Precision control with dualencoder.
- 4.Easy to install, space efficient.
- 5.Suitable for big/medium-sized theater or auditorium.



可根据需求定制产品 Customizable

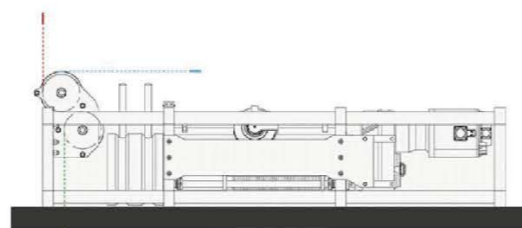
## 产品结构

由伺服电机/驱动器、卷筒、限位开关、压绳棒、改向滑轮等组成。

## Mechanical Components

Electric servomotor, Roller drum, Limit switches, Rope pressing rod and Pulleys.

## 安装方式 Installation Methods



水平向上 Horizontal upright

## 产品结构

由双制动电机、减速机、双编码器、载荷传感器、钢丝绳卷筒、行程检测、松绳检测、叠绳检测、底座、改向滑轮等构成。

## Mechanical Components

Electric motor(dual brake), Reducer, Double encoder, Payload sensor, Roller drum, Travel sensor, Rope arrangement sensors, Base assembly and pulleys.

## 安装方式 Installation Methods



卧式安装 Horizontal Installation

立式安装 Vertical Installation

## 安全功能

- 1.高安全因素:负载和制动器之间的所有部件超过额定负载设计,提高了安全系数。
- 2.双制动:每个制动系统能独立地停止载荷单元,防止意外及危险。
- 3.行程精控技术:搭载绝对值编码器,对行程精准有效控制,满足精准运景及升降要求。
- 4.低维护成本:满负荷全速运行下超长工作寿命。
- 5.适用于独立和集成两种控制方式。

## Safety Functions

- 1.HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 4.MINIMIZED MAINTENANCE COST:Extra long service life.
- 5.Individual or Group Control



## 技术参数 Specifications

型号 Model	LDZ250
速度 Speed (m/s)	1.0
载荷 Load(kg)	250
电机功率 Power(kw)	3(伺服驱动 Servo driver)
吊点数 Lifting points(Pc)	1
最大行程 Maximum span(m)	30
钢丝绳直径 Diameter of steel wire rope(mm)	7
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	1740×375×375
重量 Weight(kg)	220

## 安全功能

- 1.高安全因素:负载和制动器之间的所有部件超过额定负载设计,提高了安全系数。
- 2.双制动:每个制动系统能独立地停止载荷单元,防止意外及危险。
- 3.行程精控技术:搭载绝对值编码器,对行程精准有效控制,满足精准运景及升降要求。
- 4.低维护成本:满负荷全速运行下超长工作寿命。
- 5.适用于独立和集成两种控制方式。

## Safety Functions

- 1.HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 4.MINIMIZED MAINTENANCE COST:Extra long service life.
- 5.Individual or Group Control



钢丝绳在有轨卷筒上有序缠绕,并配置传感装置防松绳、叠绳。

NEAT WINDING TECHNOLOGY (Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	Z500/800/1000/1200
速度 Speed (m/s)	0.2—1.5
载荷 Load(kg)	500—1200
电机功率 Power(kw)	1.5—22
吊点数 Lifting points(Pc)	2—6
最大行程 Maximum span(m)	30
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	(1700-2800)×375×880
重量 Weight(kg)	240-660

# 盘式舞台吊机PI

Pilewind Stage Winch Type PI



## 产品性能

- 1.设计紧凑,外观时尚。
- 2.轻便,便于搬运,安装方式灵活,施工简单化,完美适应流动演出。
- 3.双外部制动,安全可靠。
- 4.特创叠绳有序缠绕,防止乱绳。

## Product Features

- 1.Compact and modern design.
- 2.Lightweight and portable, easy to install, suitable for touring shows.
- 3.Dual external brakes, high safety factor.
- 4.Unique rope alignin technology.

# 盘式舞台吊机PII

Pilewind Stage Winch Type PII



## 产品性能

- 1.小体积、大载荷,多种安装方式,安装便利。
- 2.特创叠绳技术,解决乱绳难题。
- 3.适用于不同类型中小型剧场、多功能厅、报告厅、宴会厅。

## Product Features

1. Small size, big load, versatile installation.
2. Unique rope aligning technology.
3. Suitable for small/medium-sized theater or auditorium.

可根据需求定制产品 Customizable

## 产品结构

由框架式安装座、电机、减速机、盘绳系统、限位开关等组成。

## Mechanical Components

Mounting frame, Electric motor, Reducer, Pilewind assembly and Limit switch.

## 安全功能

- 1.零部件超负载设计,安全系数更高:负载和制动器之间的所有部件超过额定负载设计,安全系数更高。
- 2.双制动设计,安全更有保障:配备两个独立的制动系统,每个制动系统能独立地停止载荷单元,防止意外及危险,安全更有保障。
- 3.载荷自检技术,保证运行安全:载荷自检技术,过载即触发载荷传感器,立即停止卷扬机工作,保证电机安全、平稳运行。
- 4.行程精控技术,使用更省心:搭载编码器,能对行程进行精准、有效控制,满足精准运景及升降要求,使用更省心。
- 5.低维护成本,使用更省心:采用满负荷全速运行下超长使用寿命设计,以确保低维修率、可靠性及免更换零部件。
- 6.电机自锁功能:在没有制动的情况下,电机自锁功能可有效制动,防止负重滑落,安全有保障。

## Safety Functions

- 1.HIGH SAFETY FACTOR with Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PAYLOAD INSPECTION TECHNOLOGY: Multiple Sensors that can shut down the system when sensing emergency.
- 4.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 5.MINIMIZED MAINTENANCE COST: Extra long service life.
- 6.MOTOR SELF-LOCKING TECHNOLOGY: brakes automatically in case of emergency.

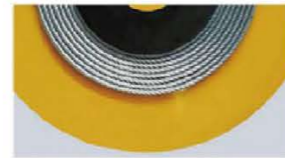
## 安装方式 Installation Methods



水平向上 Horizontal upright



垂直向上 Vertical sheeve up



特创叠绳技术,解决乱绳难题。  
PATENT ROPE ALIGNING TECHNOLOGY.

## 技术参数 Specifications

型号 Model	PI 250/500
速度 Speed (m/s)	0.006—0.2
载荷 Load (kg)	500
电机功率 Power (kw)	2.2
吊点数 Lifting points (Pc)	1—6
最大行程 Maximum span (m)	12
钢丝绳直径 Diameter of steel wire rope (mm)	7
制动形式 Brake	双制动 Double brake
尺寸 Size (长Lx宽Wx高H) (mm)	1040×580×550
重量 Weight (kg)	140—190

## 产品结构

由固定底盘电机、减速机、编码器、行程检测、钢丝绳卷盘系统等构成。

## Mechanical Components

Electric motor, Reducer, Encoder, Pilewind assembly and Travelsensor.

## 安全功能

- 1.零部件超负载设计,安全系数更高:负载和制动器之间的所有部件超过额定负载设计,安全系数更高。
- 2.双制动设计,安全更有保障:配备两个独立的制动系统,每个制动系统能独立地停止载荷单元,防止意外及危险,安全更有保障。
- 3.载荷自检技术,保证运行安全:过载即触发载荷传感器,立即停止卷扬机工作,保证电机安全、平稳运行。
- 4.行程精控技术,使用更省心:搭载编码器,能对行程进行精准、有效控制,满足精准运景及升降要求,使用更省心。
- 5.低维护成本,使用更省心:采用满负荷全速运行下超长使用寿命设计,以确保低维修率、可靠性及免更换零部件。
- 6.电机自锁功能:在没有制动的情况下,电机自锁功能可有效制动,防止负重滑落,安全有保障。
- 7.控制与操作:用独立与集成两种控制方式,操作便捷。

## Safety Functions

- 1.HIGH SAFETY FACTOR with Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PAYLOAD INSPECTION TECHNOLOGY: Multiple Sensors that can shutdown the system when sensing emergency.
- 4.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 5.MINIMIZED MAINTENANCE COST: Extra long service life.
- 6.MOTOR SELF-LOCKING TECHNOLOGY: brakes automatically in case of emergency.
- 7.Individual or Group Control.

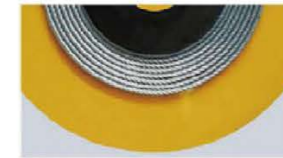
## 安装方式 Installation Methods



水平向上 Horizontal upright



垂直向上 Vertical sheeve up



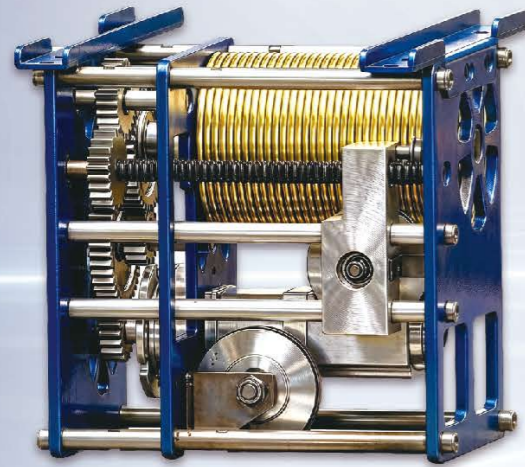
特创叠绳技术,解决乱绳难题。  
PATENT ROPE ALIGNING TECHNOLOGY.

## 技术参数 Specifications

型号 Model	PII 500/800/1000
速度 Speed (m/s)	0.2
载荷 Load (kg)	600—1000
电机功率 Power (kw)	1.5—3
吊点数 Lifting points (Pc)	4—5
最大行程 Maximum span (m)	12
钢丝绳直径 Diameter of steel wire rope (mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size (长Lx宽Wx高H) (mm)	900×600×510
重量 Weight (kg)	240—260

## 单点舞台吊机

Single Point Stage Winch



### 产品性能

- 1.时尚紧凑,设计简约。
- 2.安全,耐用。
- 3.单层有轨卷绳,无跳绳、乱绳。
- 4.安装便利,适应性强。

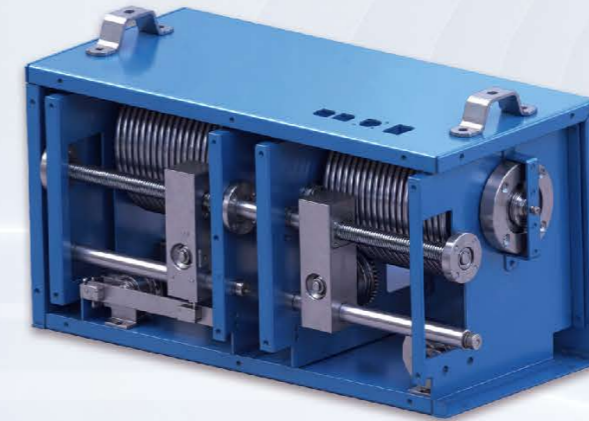
### Product Features

- 1.Compact and modern design.
- 2.Durable and high safety factor.
- 3.Adaptive zerofleet technology.
- 4.Easy and versatile installation.

可根据需求定制产品 Customizable

## 双点舞台吊机

Double Point Stage Winch



### 产品性能

- 1.时尚紧凑,设计简约。
- 2.安全,耐用。
- 3.单层有轨卷绳,无跳绳、乱绳。
- 4.安装便利,适应性强。

### Product Features

- 1.Compact and modern design.
- 2.Durable and high safety factor.
- 3.Adaptive zerofleet technology.
- 4.Easy and versatile installation.

可根据需求定制产品 Customizable

## 产品结构

由电机、减速机、制动器、行程检测、钢丝绳卷筒、滑轮组件、排绳装置、乱绳检测等构成。

### Mechanical Components

Electric motor,Reducer,Brakes,Roller drum,Travel sensor,Rope arrangement sensors and Pulley assembly.

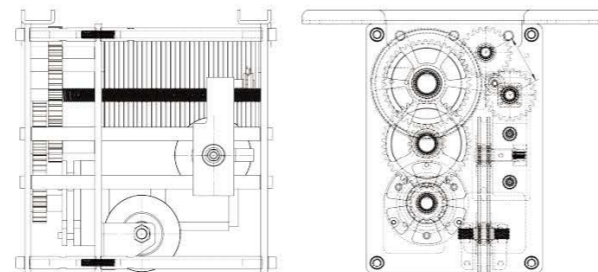
## 安全功能

- 1.高安全因素:负载和制动器之间的所有部件超过额定负载设计,提高了安全系数。
- 2.双制动:每个制动系统能独立地停止载荷单元,防止意外及危险。
- 3.行程精控技术:搭载绝对值编码器,对行程精准有效控制,满足精准运景及升降要求。
- 4.低维护成本:满负荷全速运行下超长工作寿命。

### Safety Functions

- 1.HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
- 2.DUAL BRAKING with brakes capable of stopping independently in emergency.
- 3.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 4.MINIMIZED MAINTENANCE COST:Extra long service life.

## 外型结构 External structure



钢丝绳在有轨卷筒上有序缠绕,并配置传感装置防跳绳、乱绳。

NEAT WINDING TECHNOLOGY  
(Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	D150
速度 Speed (m/s)	0.004—0.4
载荷 Load(kg)	150
电机功率 Power(kw)	1.0
吊点数 Lifting points(Pc)	1
最大行程 Maximum span(m)	15
钢丝绳直径 Diameter of steel wire rope(mm)	6
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	360×260×370
重量 Weight(kg)	50

## 产品结构

由电机、减速机、制动器、行程检测、钢丝绳卷筒、滑轮组件、排绳装置、乱绳检测等构成。

### Mechanical Components

Electric motor,Reducer,Brakes,Roller drum,Travel sensor,Rope arrangement sensors and Pulley assembly.

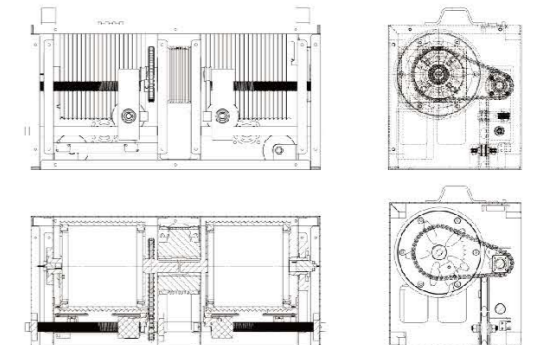
## 安全功能

- 1.高安全因素:负载和制动器之间的所有部件超过额定负载设计,提高了安全系数。
- 2.行程精控技术:搭载绝对值编码器,对行程精准有效控制,满足精准运景及升降要求。
- 3.低维护成本:满负荷全速运行下超长工作寿命。

### Safety Functions

- 1.HIGH SAFETY FACTOR With Over-designed Components that can withstand more.
- 2.PRECISE CONTROL with dual encoder, providing fine control of the travel in all scenarios.
- 3.MINIMIZED MAINTENANCE COST:Extra long service life.

## 外型结构 External structure



钢丝绳在有轨卷筒上有序缠绕,并配置传感装置防跳绳、乱绳。

NEAT WINDING TECHNOLOGY  
(Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	D300
速度 Speed (m/s)	0.5
载荷 Load(kg)	50
电机功率 Power(kw)	1.0
吊点数 Lifting points(Pc)	2
最大行程 Maximum span(m)	15
钢丝绳直径 Diameter of steel wire rope(mm)	8
尺寸 Size(长Lx宽Wx高H)(mm)	610×280×350
重量 Weight(kg)	50

## 伺服数控卷幕机

Servo CNC Curtain Winding Machine



### 产品性能

- 1.精准定位,速度可调范围宽。
- 2.运行平稳低噪。
- 3.结构刚性好,防护等级高。
- 4.操作简单直观,免维护设计。
- 5.常用于酒吧、宴会厅、演唱会、剧院、会展中心等。

### Product Features

- 1.Precise positioning with a wide adjustable speed range.
- 2.Smooth operation and low noise.
- 3.Excellent structural rigidity and high protection grade.
- 4.Simple and intuitive operation, maintenance-free design.
- 5.Widely used in bars, banquet halls, concerts, theaters, convention centers, etc.

可根据需求定制产品 Customizable

## 刚性/丝杠/齿条/链条举升链升降台

Rigid/Screw/Rack/Chain Lifting Chain Lift Table



### 产品性能

- 1.高稳定性,定位精准。
- 2.匀速运行,使用寿命长。
- 3.标准速度可达150mm/s。
- 4.配置灵活,安装方便。

### Product Features

1. High stability and precision.
2. Working smoothly with a long service life.
3. Standard lifting velocity up to 150mm/s.
4. Easy to configure and install.

### 产品结构

由伺服驱动器、编码器、行星减速机、卷轴、张力传感器、限位开关等构成。

### Mechanical Components

Servo drive, Encoder, Planetary gearbox, Roller tube, Tension sensor and Limit switch.

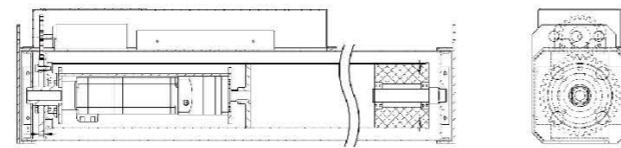
### 安全功能

- 1.缓启缓停:可编程加减速,避免幕布瞬间受力,保护幕布与机械结构。
- 2.行程限位:机械+电子双限位,超程自动停机。
- 3.遇阻停机:负载突变检测,堵转、遇阻立即停止并报警。
- 4.过载、过热、欠压、缺相保护,故障代码显示。

### Safety Functions

- 1.Soft start & soft stop: Programmable acceleration and deceleration to avoid instantaneous stress on the curtain, protecting the curtain and mechanical structure.
- 2.Travel limit: Mechanical + electronic dual limits, automatic stop upon overtravel.
- 3.Obstacle detection: Load mutation detection; immediate stop and alarm in case of locked rotor or obstruction.
- 4.Protection against overload, overheat, undervoltage and phase loss, with fault code display.

### 外型结构 External structure



### 技术参数 Specifications

型号 Model	JM1500
速度 Speed (m/s)	0.01—1.0
控制方式 Control mode	DMX512、Ether CAT、Canopen
面幅最大宽度 Maximum Width(m)	6
面幅最大高度 Maximum Height(m)	12
制动形式 Brake	单制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	(1000-50000) × 150 × 210
面料 fabric	纱幕 Scrim、广告布 Banner Material、投影幕 Projection Screen等

### 产品结构

由电机、电机减速机、刚性链条、直线导轨副、台面、剪刀撑支架等组成。

### Mechanical Components

Electric motor, Reducer, Chain lift, Guiding racks, Stage platform and X-bracings.

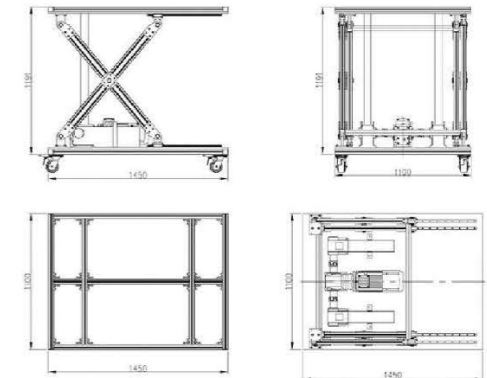
### 安全功能

- 1.分离开的链条可紧凑收纳节省空间,可以接受垂直载荷和横向载荷。
- 2.在运行全过程中中力和速度的输出恒定,与减速电机输出呈决对比例。
- 3.可单链和双链甚至多链同步运行,分散载荷并且控制简单。
- 4.能适应计算机数字化控制,变频控制,适用于各类对安全性能要求比较高的场所。
- 5.具有升降保护装置,噪声小、制动可靠、定位精准。

### Safety Functions

- 1.Rigid chains can bear vertical loads and horizontal loads, and each chain is designed to be compactly stored in chain box.
- 2.Power and speed output remains constant during operation, and is directly proportional to the speed of the reducer.
- 3.Versatile configurations according to loads, using single chain, double chains, or multiple chains to make sure the stage is secure and stable, and easy to use.
- 4.Compatible for digitalized control systems and inverter control, granting precision and safety.
- 5.Designed with safety precautions, which is quiet and reliable.

### 外型尺寸 Dimensions



运行精度高,采用刚性链传动装置,保障重复定位精度。

Driven by rigid chain technology. Granting high precision and accuracy.

### 技术参数 Specifications

型号 Model	SL500
载重 Load Capacity(kg)	≤500
台面尺寸 Stage Dimensions(mm)	1500x1200
升降行程 Elevation(mm)	500
最低高度 Minimum height (mm)	400
最大高度 Maximum height (mm)	900
刚性举升链行程 Customized elevation(mm)	550-600

## 30A 刚性举升链

30A Rigid Lift Chain



### 产品性能

1. 高稳定性, 定位精准。
2. 匀速运行, 使用寿命长。
3. 标准速度可达150mm/s。
4. 配置灵活, 安装方便。

### Product Features

1. High stability with accurate control.
2. Running at a constant speed with a long lifespan.
3. Rated speed up to 150mm/s.
4. Highly versatile and easy for configuration and theater installation.

## 35A 刚性举升链

35A Rigid Lift Chain



### 产品性能

1. 高稳定性, 定位精准。
2. 匀速运行, 使用寿命长。
3. 标准速度可达200mm/s。
4. 配置灵活, 安装方便。

### Product Features

1. High stability with accurate control.
2. Running at a constant speed with a long lifespan.
3. Rated speed up to 200mm/s.
4. Highly versatile and easy for configuration and theater installation.

### 产品结构

由链轮、链轮箱、推力链、储链箱、静音导轨等构成。

### Mechanical Components

Sprocket, Sprocket box, Thrust chain, Storage chain box, Silent guide rail etc.

### 产品描述

一种可将载荷提升到较远距离的推力链装置, 由驱动链轮带动推力链进行顶升运动。该装置适合在剧院、礼堂、临时演艺设备中使用。例如小型矩阵升降平台。

### Product Description

The 30A lift chain is specifically designed for heaving the payload through a long distance in theatre and touring production settings. Its reliable lifting motion is driven by a durable sprocket gear-chain mechanism. This product is the perfect choice in theaters, auditoriums or temporary stage settings, for example, a small scale scissor lifting platform.

### 产品结构

由链轮、链轮箱、举升链、储链箱、静音导轨等构成。

### Mechanical Components

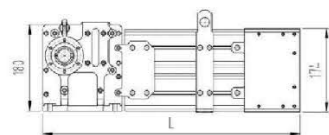
It's composed of sprocket gear wheels, gear casing, lifting chains, chain storage box and silent guide rails.

### 产品描述

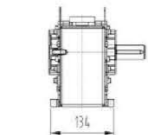
一种可将载荷提升到较远距离的推力链装置, 由驱动链轮带动推力链进行顶升运动。该装置适合在剧院、礼堂、临时演艺设备中使用。例如小型矩阵升降平台。

### Product Description

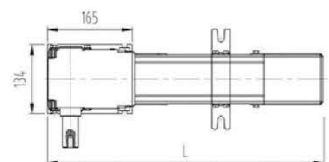
The 30A lift chain is specifically designed for heaving the payload through a long distance in theatre and touring production settings. Its reliable lifting motion is driven by a durable sprocket gear-chain mechanism. This product is the perfect choice in theaters, auditoriums or temporary stage settings, for example, a small scale scissor lifting platform.



正视图 Front View



左视图 Side View

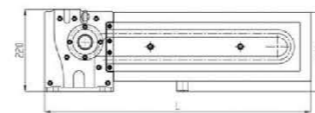


俯视图 Top View

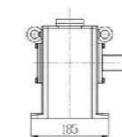
### 技术参数 Specifications

载荷 Load(kg)	10
行程 Travel(m)	1.2
额定速度 Rated Speed(mm/s)	150
最低高度 Initial Height(mm)	200
系统效率 Energy Efficiency(%)	80
链条自重 Chain Weight(kg/m)	10
链条节距 Chain Pitch(mm)	30
驱动箱重量 Driving Unit Weight(kg)	13
节圆半径 Radius of the pinion(mm)	30
链箱重量 Chain Storage Box Weight(kg/m)	2.5
每转上升高度 Elevation per Revolution(mm)	188

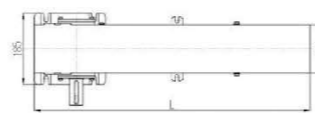
### 外型尺寸 Dimensions



正视图 Front View



左视图 Side View



俯视图 Top View

### 技术参数 Specifications

载荷 Load(kg)	12
行程 Travel(m)	1.5
额定速度 Rated Speed(mm/s)	200
最低高度 Initial Height(mm)	226
系统效率 Energy Efficiency(%)	80
链条自重 Chain Weight(kg/m)	17
链条节距 Chain Pitch(mm)	30
驱动箱重量 Driving Unit Weight(kg)	15.9
节圆半径 Radius of the pinion(mm)	44
链箱重量 Chain Storage Box Weight(kg/m)	4
每转上升高度 Elevation per Revolution(mm)	270

## 40A 刚性举升链

40A Rigid Lift Chain



### 产品性能

- 1.重负载能力,长行程。
- 2.高稳定性,定位精准。
- 3.匀速运行,使用寿命长。
- 4.标准速度可达300mm/s。
- 5.配置灵活,安装方便。

### Product Features

1. Allows long travel with heavy lifting capacity.
2. High stability with accurate control.
3. Running at a constant speed with a long lifespan.
4. Rated speed up to 300mm/s.
5. Highly versatile and easy for configuration and theater installation.

## 60A 刚性举升链

60A Rigid Lift Chain



### 产品性能

- 1.重负载能力,长行程。
- 2.高稳定性,定位精准。
- 3.匀速运行,使用寿命长。
- 4.标准速度可达300mm/s。
- 5.配置灵活,安装方便。

### Product Features

1. Allows long travel with heavy lifting capacity.
2. High stability with accurate control.
3. Running at a constant speed with a long lifespan.
4. Rated speed up to 300mm/s.
5. Highly versatile and easy for configuration and theater installation.

### 产品结构

由链轮、链轮箱、推力链、储链箱、静音导轨等构成。

### Mechanical Components

Sprocket, Sprocket box, Thrust chain, Storage chain box, Silent guide rail etc.

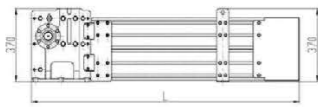
### 产品描述

一种可将载荷提升到较远距离的推力链装置,由驱动链轮带动推力链进行顶升运动。该装置适合在剧院和礼堂中使用,一般用在剧场侧辅助升降台,侧车台补偿台,合唱台架等。也可用在流动演出设备,例如矩阵升降平台。

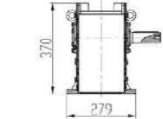
### Product Description

The 40A lift chain is specifically designed for heaving the payload through a long distance in theatre and touring production settings. Its reliable lifting motion is driven by a durable sprocket gear-chain mechanism. This product is the perfect choice in theater or auditorium settings, like the side auxiliary lifting platform, side car offset platform and the choral risers, or temporary stage settings, for example, a scissor lifting platform.

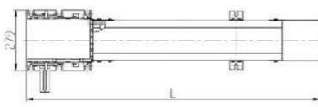
### 外型尺寸 Dimensions



正视图 Front View



左视图 Side View



俯视图 Top View

### 技术参数 Specifications

载荷 Load(kg)	40
行程 Travel(m)	4
额定速度 Rated Speed(mm/s)	300
最低高度 Initial Height(mm)	370
系统效率 Energy Efficiency(%)	80
链条自重 Chain Weight(kg/m)	30
链条节距 Chain Pitch(mm)	40
驱动箱重量 Driving Unit Weight(kg)	55
节圆半径 Radius of the pinion(mm)	40
链箱重量 Chain Storage Box Weight(kg/m)	14
每转上升高度 Elevation per Revolution(mm)	240

### 产品结构

由链轮、链轮箱、推力链、储链箱、静音导轨等构成。

### Mechanical Components

Sprocket, Sprocket box, Thrust chain, Storage chain box, Silent guide rail etc.

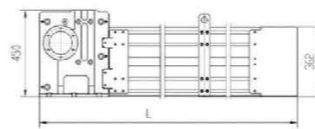
### 产品描述

一种可将载荷提升到较远距离的推力链装置,由驱动链轮带动推力链进行顶升运动。该装置适合在剧院和礼堂中使用,一般用在剧场侧辅助升降台,侧车台补偿台,合唱台架等。也可用在流动演出设备,例如矩阵升降平台。

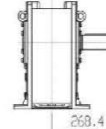
### Product Description

The 60A lift chain is specifically designed for heaving the payload through a long distance in theatre and touring production settings. Its reliable lifting motion is driven by a durable sprocket gear-chain mechanism. This product is the perfect choice in theater or auditorium settings, like the side auxiliary lifting platform, side car offset platform and the choral risers, or temporary stage settings, for example, a scissor lifting platform.

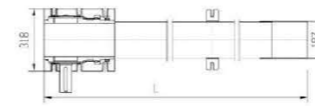
### 外型尺寸 Dimensions



正视图 Front View



左视图 Side View



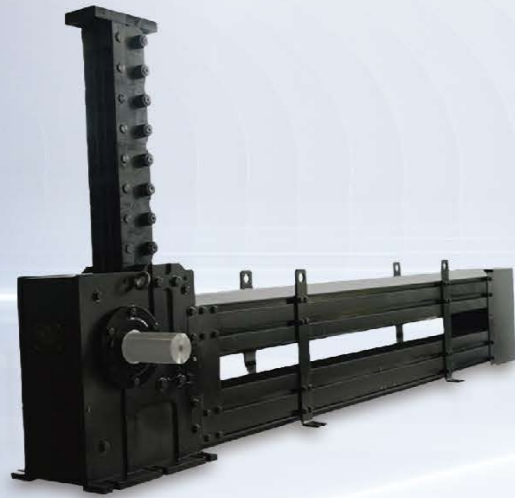
俯视图 Top View

### 技术参数 Specifications

载荷 Load(kg)	90
行程 Travel(m)	5
额定速度 Rated Speed(mm/s)	300
最低高度 Initial Height(mm)	450
系统效率 Energy Efficiency(%)	80
链条自重 Chain Weight(kg/m)	36
链条节距 Chain Pitch(mm)	60
驱动箱重量 Driving Unit Weight(kg)	86
节圆半径 Radius of the pinion(mm)	60
链箱重量 Chain Storage Box Weight(kg/m)	14
每转上升高度 Elevation per Revolution(mm)	360

## 80A 刚性举升链

80A Rigid Lift Chain



### 产品性能

1. 重负载能力,长行程。
2. 高稳定性,定位精准。
3. 匀速运行,使用寿命长。
4. 标准速度可达300mm/s。
5. 配置灵活,安装方便

### Product Features

1. Allows long travel with heavy lifting capacity.
2. High stability with accurate control.
3. Running at a constant speed with a long lifespan.
4. Rated speed up to 300mm/s.
5. Highly versatile and easy for configuration and theater installation.

## 100A 刚性举升链

100A Rigid Lift Chain



### 产品性能

1. 重负载能力,长行程。
2. 高稳定性,定位精准。
3. 匀速运行,使用寿命长。
4. 标准速度可达300mm/s。
5. 配置灵活,安装方便

### Product Features

1. Allows long travel with heavy lifting capacity.
2. High stability with accurate control.
3. Running at a constant speed with a long lifespan.
4. Rated speed up to 300mm/s.
5. Highly versatile and easy for configuration and theater installation.

### 产品结构

由链轮、链轮箱、推力链、储链箱、静音导轨等构成。

### Mechanical Components

Sprocket, Sprocket box, Thrust chain, Storage chain box, Silent guide rail etc.

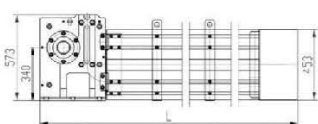
### 产品描述

一种可将载荷提升到较远距离的推力链装置,由驱动链轮带动推力链进行顶升运动。该装置适合在剧院和礼堂中使用,包括管弦乐队的升降乐池,剧院礼堂主升降平台、合唱台架。

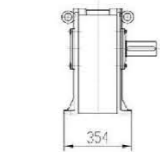
### Product Description

The 80A lift chain is specifically designed for heaving the payload through a long distance in theatre and touring production settings. Its reliable lifting motion is driven by a durable sprocket gear-chain mechanism. This product is the perfect choice in theater or auditorium settings, such as the orchestra lift, the main stage lifting platform and the choral risers.

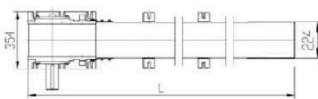
### 外型尺寸 Dimensions



正视图 Front View



左视图 Side View



俯视图 Top View

### 技术参数 Specifications

载荷 Load(kg)	130
行程 Travel(m)	8
额定速度 Rated Speed(mm/s)	300
最低高度 Initial Height(mm)	550
系统效率 Energy Efficiency(%)	80
链条自重 Chain Weight(kg/m)	49
链条节距 Chain Pitch(mm)	80
驱动箱重量 Driving Unit Weight(kg)	151
节圆半径 Radius of the pinion(mm)	80
链箱重量 Chain Storage Box Weight(kg/m)	18.3
每转上升高度 Elevation per Revolution(mm)	480

### 产品结构

由链轮、链轮箱、推力链、储链箱、静音导轨等构成。

### Mechanical Components

Sprocket, Sprocket box, Thrust chain, Storage chain box, Silent guide rail etc.

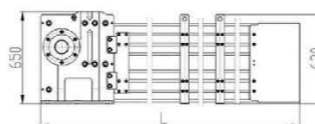
### 产品描述

一种可将载荷提升到较远距离的推力链装置,由驱动链轮带动推力链进行顶升运动。该装置适合在剧院和礼堂中使用,包括管弦乐队的升降乐池,剧院礼堂主升降平台、合唱台架。

### Product Description

The 100A lift chain is specifically designed for heaving the payload through a long distance in theatre and touring production settings. Its reliable lifting motion is driven by a durable sprocket gear-chain mechanism. This product is the perfect choice in theater or auditorium settings, such as the orchestra lift, the main stage lifting platform and the choral risers.

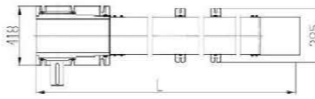
### 外型尺寸 Dimensions



正视图 Front View



左视图 Side View



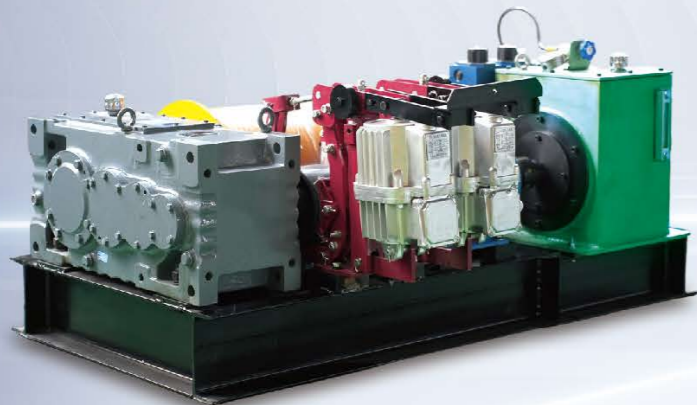
俯视图 Top View

### 技术参数 Specifications

载荷 Load(kg)	200
行程 Travel(m)	10
额定速度 Rated Speed(mm/s)	300
最低高度 Initial Height(mm)	650
系统效率 Energy Efficiency(%)	80
链条自重 Chain Weight(kg/m)	68.5
链条节距 Chain Pitch(mm)	100
驱动箱重量 Driving Unit Weight(kg)	232
节圆半径 Radius of the pinion(mm)	100
链箱重量 Chain Storage Box Weight(kg/m)	23.7
每转上升高度 Elevation per Revolution(mm)	600

# 防火幕阻尼机

Fire Curtain Damper



## 产品性能

1. 高效、安全、可靠。
2. 操作简单、维护方便。
3. 能够实现自动控制和远程控制。
4. 适用于各种场所。

## Product Features

1. Highly efficient, safe and reliable
2. Easy to use and convenient to maintain
3. Compatible for automatic control and remote control systems.
4. Suitable for a wide range of applications.

# 旋转齿凸轮限位开关

Gear Limit Switch



## 产品性能

1. 具有高可靠性、高精度、高重复精度性。
2. 调整方便、易于扩展、寿命长、体积小。
3. 工作平稳、结构紧凑、重量轻。
4. 传功比可调范围广、承载能力强。

## Product Features

1. It has long-time high reliability and accuracy.
2. Easy to adjust, easy to expand, long service life and compact size.
3. Working smoothly, with compact structure and light weight.
4. The transmission ratio has a wide adjustable range and strong carrying capacity.

## 产品结构

由电机、减速机、制动器、联轴器、钢丝绳卷筒、行程检测、直线轴承、滚珠丝杠、底座、电磁换向阀、行程换向阀、异流阀、调速阀、齿轮马达等构成。

## Mechanical Components

Electric motor, Reducer, Brakes, Shaft couplings, Roller drum, Travel sensor, Linear bearings, Lead screw, Solenoid directional valve, Stroke valve, Escape valve, Speed valve and gear motor.

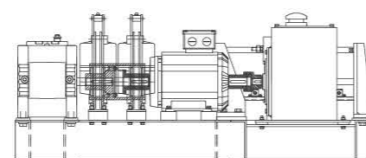
## 安全功能

1. 高安全因素: 主体框架采用耐高温材料制成, 能够承受高温和烟雾的侵蚀。
2. 双制动: 每个制动系统能独立地停止载荷单元, 防止意外及危险。
3. 智能控制技术: 控制单元采用智能芯片控制, 能够实现自动控制和远程控制。
4. 低维护成本: 满负荷全速运行下超长工作寿命。

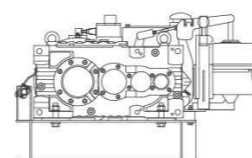
## Safety Functions

1. HIGH SAFETY FACTORS: Heat/erosion resistant material for main structure.
2. DUAL BRAKING with brakes capable of stop independently in emergency.
3. PRECISE CONTROL TECHNOLOGY: control units are based on advanced chipsets that allow for automatic and remote controls.
4. MINIMIZED MAINTENANCE COST: Extra long service life.

## 安装方式 Installation Methods



正视图 Front View



左视图 Side View



钢丝绳在有轨卷筒上有序缠绕, 并配置传感装置防松绳、叠绳。

NEAT WINDING TECHNOLOGY  
(Preventing overlapping or skipping)

## 技术参数 Specifications

型号 Model	RTZH-2T
速度 Speed (m/s)	0.15
载荷 Load(kg)	2000
电机功率 Power(kw)	5.5
吊点数 Lifting points(Pc)	2
最大行程 Maximum span(m)	12.8
钢丝绳直径 Diameter of steel wire rope(mm)	12
制动形式 Brake	双制动 Double brake
尺寸 Size(长Lx宽Wx高H)(mm)	1570x800x654
重量 Weight(kg)	827

## 产品结构

由阻燃外壳、凸轮盘、行星齿轮组、自锁蜗杆、微动开关等构成。

## Mechanical Components

Flame retardant shell, Cam disc, Planetary gear set, Self-locking worm, Micro switch, etc.

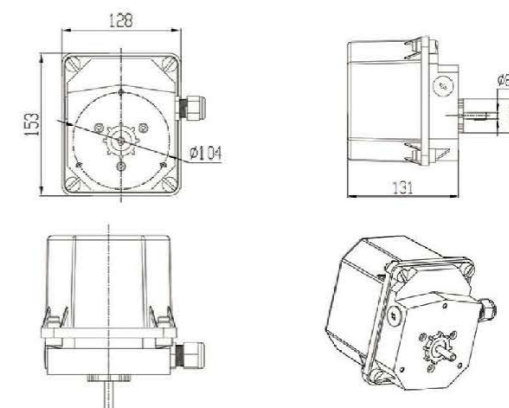
## 安全功能

1. 特殊的行星齿轮传动系统保证了系统的高性能。
2. 特殊的蜗杆机架式凸轮盘的调整结构, 保证了系统装置调整的方便性和高精度性。
3. 可以根据需要的功能要求对每个微控制器的开启和关闭进行校准。
4. 基准模块的调整保证系统的调整一致性与独立性。

## Safety Functions

1. The special planetary gear transmission system ensures the high performance of the system.
2. The adjustment structure of the special worm rack cam disc ensures the convenience and high precision when handling and adjusting.
3. Able to calibrate the opening and closing of each microcontroller according to different functional requirements.
4. The adjustment of the benchmark module ensures the adjustment consistency and independence of the system.

## 外型尺寸 Dimensions



特殊的行星齿轮传动系统保证了系统的高性能。

The special planetary gear transmission system ensures the high performance of the system.

## 技术参数 Specifications

型号 Model	RTZH-4P
有效可用圈数 Number of available revolutions	17.5—48
齿轮传动比 Gear transmission ratio	18.4—49.5
传动比系数 Transmission ratio coefficient	1—2.7
行星传动比 Planetary transmission ratio	8.5
最大驱动速度 Maximum driving speed (r/min)	1600