



**WTC**  
智构桁架

家具  
FURNITURE



吧椅 Bar Chair 1



吧椅 Bar Chair 2



吧台 Bar Table



WORLD TOP CLASS TRUSS



**F10插销系列 F10 Spigot Series**



**F20插销系列 F20 Spigot Series**



**F30插销系列 F30 Spigot Series**



3018



F31-H44内螺纹接头  
F31-H44 Female Fitting

3019



105mm内螺纹间隔件  
Spacer 105mm Female  
F31-HT44

3020



170mm内螺纹间隔件  
Spacer 170mm Female  
F31-HT44

3003



TT54,TT74内螺纹接头  
TT54,TT74 Female Fitting



F14-MCB连接头  
F14-MCB Connector



F24-MCB连接头  
F24-MCB Connector



F34-MCB连接头  
F34-MCB Connector



TT54-MCB连接头  
TT54-MCB Connector



F33底座板  
Base Plate For F33 Male



F33底座板  
Base Plate For F33 Female



F34底座板  
Base Plate For F34 Female



F34底座板  
Base Plate For F34 Male



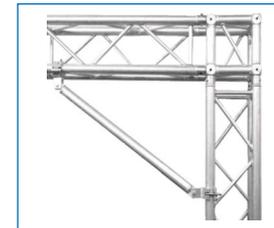
F30-F40底座板  
F30-F40-BP



吊环  
Truss Pick



LB12-F20-8002  
LB12-F30-8002



ST-5050角位支撑  
Corner Brace



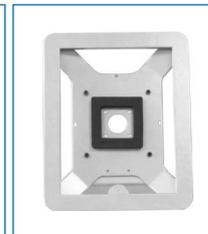
吊板  
Rigging Hook



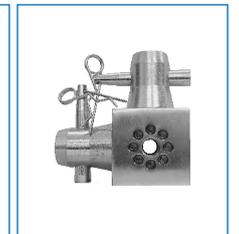
书本连接  
Book Corner



音响托架  
Speaker Mount



Ipad架  
Ipad-MT



3191

# 配件

## Accessory

### | 6006 弓型卸扣

6006 弓型卸扣是用于吊装、牵引的一种连接件，其整体浇筑、结实耐用，因而承重力相对 D 型卸扣更强大。

### | 6006 Shackle

6006 Bow Rigging Shackle is connecting piece used for hoisting and traction. It is strong and durable, the bearing capacity is stronger than D shackle.



### | 6010-L-S 钢丝绳 Steel Rope

(各种直径和长度 Various Diameters And Length)

Material 材质	Stainless Steel 不锈钢
Spec 规格	3mm-8mm & > 8mm 3mm-8mm 或 > 8mm
Strength 强度	785Mpa-1960Mpa



### | 特性 Features

二次保护 Secondary Protection

抗拉强度较高 High Tensile Strength

耐弯曲疲劳 Bending Fatigue Resistance

寿命长 Durable

6010-L-S 钢丝绳是由我司精选优质钢材打造而成，其具有一定的承载能力、耐磨损和组装方便的优点，适用于施工中垂直提升重物以及水平牵引等范围。

6006-L-S steel rope is made by our company's high-quality steel which has certain bearing capacity, wear resistance and convenient assembly advantages. It is suitable for the construction of vertical lifting heavy objects and horizontal traction.



SY 3501

SY 5001 E

SY 5002

SY 5003



SY 5004

SY 5006 U

SY 5007



SY 5008

SY 5010

SY 5012

型号 Model	类型 Type	尺寸 Size (mm)	额定载荷 Load Capacity (kgs)	
SY 3501	JR 型夹具 JR Clamp	Φ32-35	75	
SY 5001 E	迷你型 360° 快拆夹具 MINI 360QR		100	
SY 5002	迷你型 360° 快拆旋转夹具 Mini 360 QR Swivel		100	
SY 5003	专业级夹具 Pro Clamp		500	
SY 5004	窄型夹具 Narrow Clamp		200	
SY 5006 U	专业级旋转夹具 Pro Swivel Clamp		Φ48-51	500
SY 5007	吊环夹具 Eye Clamp			200
SY 5008	扳机式夹具 Trigger Clamp			250
SY 5010	连接式夹具 Coupler Clamp			300
SY 5012	N 型旋转夹具 Swivel Clamp/N		200	



## 雷亚架

主要用于大型演唱会的灯光架、背景架。

特点：安装、拆卸简便，销片固定后只需要用铁锤进行敲击固定即可。配件不易丢失，销片用铆钉限位在横杆上，不会丢失。稳定性好，广泛用于桥梁浇筑支撑、建筑、舞台背景、灯光架等领域。



## Rhea Frame

It mainly used for large-scale lighting frame and background frame.

Characteristic: Easy assembly and disassembly, only need to use a hammer after fixing a pin. Accessories are not easy to lose. The pin with rivets limit on the bar so that it will not be lost. With a good stability, it widely used in bridge pouring support, construction, stage background, lighting frame and other fields.



Assemble Porcess Pictures  
组装过程



Ring Lock Scaffolding 环锁式脚手架

# F23系列



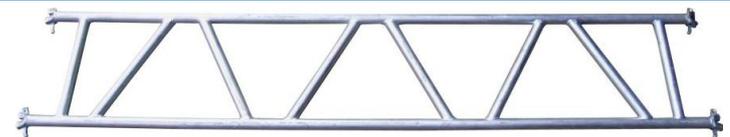
桥接账本A Bridge Ledger A

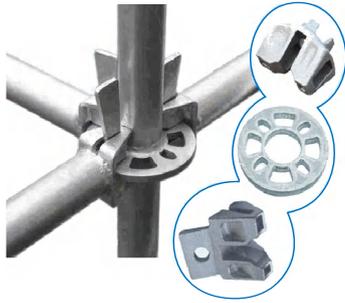


桥接账本B Bridge Ledger B



护栏 Guard Rail





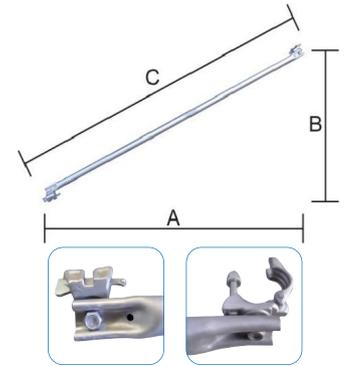
采用自动焊接技术，质量稳定，表面均匀光滑

With automatic welding technology, stable quality, uniform and smooth surface



采用自动焊接技术，质量稳定，表面均匀光滑

With automatic welding technology, stable quality, uniform and smooth surface



### 材料列表 Material List

型号 Type	名称 Name	规格 (mm) / 材质 Specification (mm)/Material	厚度 Thickness	重量 Weight
Z001	Adjustable Base Jack 可调下托	M34×600/Q235A	Solid Round Steel 实心圆钢	4.79
Z002	Disc Initial Installer 圆盘初装器	Φ48×300/Q195		2.33
Z003	Disc Vertical Pole 圆盘立杆	Φ48×1500/Q195		7.58
		Φ48×2000/Q195		9.88
Z004	Disc Horizontal Bar 圆盘横杆	Φ48×2000/Q195		3.25
		Φ48×2450/Q195	9.66	
Z005	Diagonal Tie Rod 斜拉杆	Φ48×3000/Q195		10.92

### 横杆 Ledger (作业平台系统专用 For Working Platform System)

型号 Model	尺寸 Size	材料尺寸 Material Size (mm)
RL-L-500	500	Φ48×2.75-3.5
RL-L-1000	1000	Φ48×2.75-3.5
RL-L-1781	1781	Φ48×2.75-3.5
RL-L-2000	2000	Φ48×2.75-3.5
RL-L-3000	3000	Φ48×2.75-3.5

### 标准型 (作业平台系统用) 内插管

#### Standard (For Working Platform System) Inner Spigot

Model	Size	Material Size (mm)
RL-S-300	300	Φ48.3×2.75-3.5
RL-S-1000	1000	Φ48.3×2.75-3.5
RL-S-2000	2000	Φ48.3×2.75-3.5
RL-S-3000	3000	Φ48.3×2.75-3.5

### 横杆 Ledger (支撑系统专用 For Support System)

型号 Model	尺寸 Size	材料尺寸 Material Size (mm)
RL-L-552	552	Φ48×2.75-3.5
RL-L-852	852	Φ48×2.75-3.5
RL-L-1152	1152	Φ48×2.75-3.5

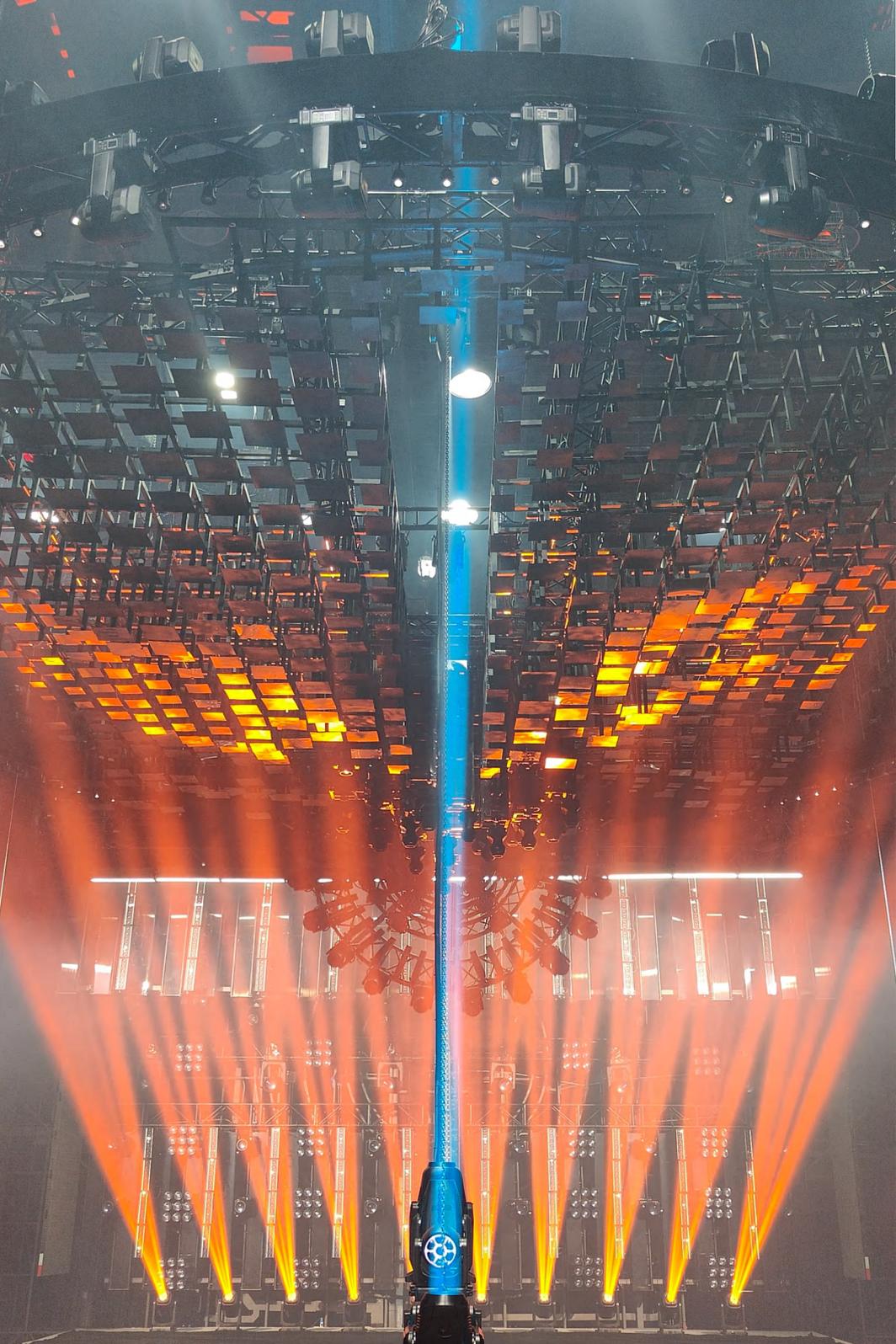
### 标准 (用于支撑系统) 加固基础

#### Standard (For Support System) Reinforced Base

Model	Size	Material Size (mm)
RL-S-1200	1200	Φ48.3×2.75-3.5
RL-S-1800	1800	Φ48.3×2.75-3.5
RL-S-2400	2400	Φ48.3×2.75-3.5

### 盘扣式系统斜撑 Ring Lock System Brace

型号 Model	A (mm)	B (mm)	C (mm)	材料尺寸 Material Size (mm)
RL-L-2244	1829	1500	2244	Φ42-48.3×2.5-3.25
RL-L-2411	2048	1500	2411	Φ42-48.3×2.5-3.25
RL-L-2750	2048	2000	2750	Φ42-48.3×2.5-3.25
RL-L-2605	1829	2000	2605	Φ42-48.3×2.5-3.25



## 舞台专用圆套

- 规格：1000-3000kg
- 原材料 100% 高强度涤纶丝
- 双层纺织外套
- 低延伸率
- 工作长度 1-10m
- 7 倍安全系数
- 生产标准：EN1492-2:2000 起吊货物时
- 拉力分布均匀
- 保护货物表面不被损坏
- 使用进口 UV, 可减少金额抵抗材料变 1 日抗潮湿, 耐热性好, 最高可达 100 度材料的扭曲性小, 损耗小寿命长

## Stage-Specific Round Sling

- Specifications: 1000-3000kg
- Material: 100 High-Strength Polyester Yarn
- Double-Layer Woven Jacket
- Low Elongation Rate
- Working Length: 1-10m
- 7:1 Safety Factor
- Protects Standard: En1492-2:2000
- Uniform Load Distribution During Cargo Lifting
- Protects Cargo Surface from Damage
- Imported UV Treatment Reduces and Resists Material Aging, with Moisture Resistance, Good Heat Resistance (up to 100°C), Minimal Wear, and Long Service Life.



## 控制器

- 控制器分别适用于电动葫芦低压控制及直接控制型马达, 可根据要求提供单项电动葫芦控制器。
- 可面板控制, 也可进行手柄控制。
- 可单台控制, 也可群组控制, 每路都有上 / 下选择开关, 一个“运动”按钮激活所有预选回路。
- 带漏电保护装置和相位转换功能。
- 紧急制动。
- 特别设计的多格可以放置工具, 电线等电工用品。

## Primary Functions of the Controller

- The controller is suitable for both low-voltage control of electric hoists and direct-control motors, and can provide single electric hoist controllers as required.
- Supports panel control and handle control.
- Enables single-unit control or group control. Each channel is equipped with up/down selector switches, and a “Motion” button activates all preselected circuits.
- Equipped with leakage protection and phase conversion functions.
- Features emergency braking.
- Specially designed compartments for storing electrical tools, wires, and other electrical supplies.



### 舞台专用手推小车 Stage-Specific Hand Push Cart

额定起重量 Rated Lifting Capacity	轨道宽度范围 Track Width Range mm	最小转弯半径 Minimum Turning Radius m	净重 Net Weight kgs
0.5t	64-140	0.6	7
1t	64-140	0.8	12
2t	76-165	1	20.5
3t	76-203	1.4	33
5t	88-203	1	51
10t	125-203	1.3	86.5



### 舞台专用钢轨夹钳 Stage-Specific Rail Clamp

额定起重量 Rated Lifting Capacity	轨道宽度范围 Track Width Range mm	工字钢边最小截面宽度 Minimum Flange Width of I-Beam mm
1t	75-220	75
2t	75-220	75
3t	80-320	80
5t	80-320	90
10t	90-320	90



### 舞台专用手摇卷扬机

额定载荷：150-1200kg

完美的构造适用于运输、拖带并且拓展了提升下降重物的类型和范围手动起升设备不仅安全，同时满足人体工程学的设计。带有摩擦盘制动器和换向阀。以避免提升重物过程中任一位置发生突然下滑无论用于提升、开门、或是用于升降便携式舞台这款手动卷扬机毫不费力地完成工作。

### Stage-Specific Hand-Cranked Winch

Rated Load: 150-1200kg

Designed with a perfect structure for transporting, towing, and expanding the types and scope of lifting/lowering heavy objects. This manual lifting equipment is not only safe but also ergonomically designed, equipped with a friction disc brake and directional control valve to prevent sudden slippage at any position during the lifting of heavy loads. Whether used for lifting, opening door, or raising/lowering portable stages, this hand-cranked winch effortlessly completes the task.



### 舞台专用捆绑器

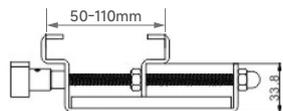
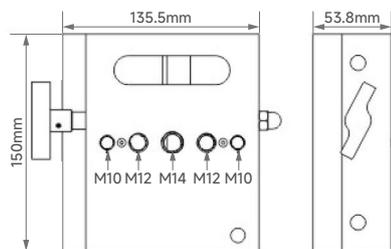
规格：25-50kg

采用高强度的涤纶丝依据 EN12195 标准生产而成产品不会因硬化、老化而强度变弱；对于震动有固有的吸引力；不会被腐蚀、氧化。更轻的质量，代表着更容易工作、更低的伤害危险性。聚酯纤维的柔软性可以更适合负载表面不规则的形状，不会损伤货物表面。

### Stage-Specific Straps

Specification: 25-50mm

Manufactured from high-strength polyester yarn in compliance with EN12195 standards. The product does not lose strength due to hardening or aging, has inherent vibration absorption, and is resistant to corrosion and oxidation. Their lighter weight ensures easier handling and reduces the risk of injury. The softness of polyester fibers allows them to conform to irregular load surfaces without damaging the cargo.



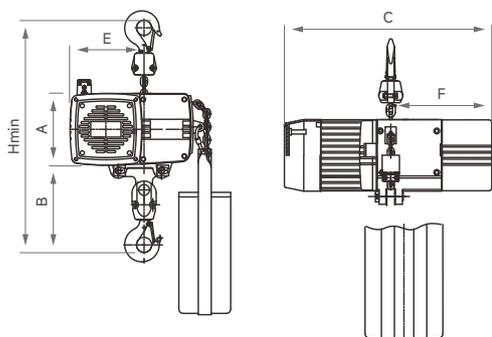
### 规格 Specifications

Code Number	SY 5041
料号	
SWL	< 150kg
载重	
Material	Steel
材质	
Code Number	Silver/Black
表面颜色	镀蓝锌/镀黑锌



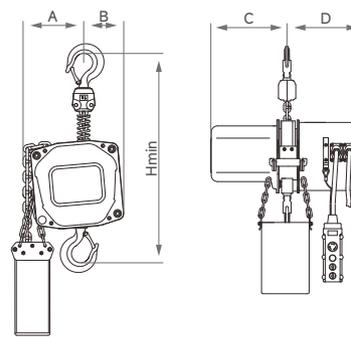
# S8

## SHH型舞台式环链电动葫芦



# S6

## HHXG型舞台式链锯电动葫芦



### 技术参数 Technical Specifications

类型 Type	额定载荷 Rated Load (t)	提升速度 Lifting Speed (m/min)	功率 Power (kw)	工作级别 Working Class (FEM/ISO)	起重链条 Lifting Chain	防护等级 Protection Level	净重 Net Weight (kg)
S8-05	0.5	4	0.5	2m/M5	Φ5×15	IP55	26
S8-05K	0.5	8	0.72	2m/M5	Φ5×15	IP55	27
S8-10	1.0	4	1.1	2m/M5	Φ7.1×15	IP55	37
S8-10K	1.0	8	1.1	2m/M5	Φ7.1×15	IP55	39

### 尺寸表 Size Chart

类型 Type	额定载荷 Rated Load (t)	H/min	A	B	C	E	F
S8-05	0.5	540	165	200	480	175	240
S8-05K	0.5	540	165	200	480	175	240
S8-10	1.0	625	175	241	547	188	260
S8-10K	1.0	625	175	241	547	188	260

注：产品电源电压为 380V/50HZ/3P, 标准起重链条为电泳处理, 发黑处理或镀锌处理均可提供。  
Note: The product's power supply voltage is 380V/50HZ/3P. The standard lifting chain is electrophoretic treated; black oxide treatment or galvanizing treatment are also available.

### 技术参数 Technical Specifications

类型 Type	额定载荷 Rated Load (t)	提升速度 Lifting Speed (m/min)	功率 Power (kw)	工作级别 Working Class (FEM/ISO)	起重链条 Lifting Chain	防护等级 Protection Level	净重 Net Weight (kg)
S6-05	0.5	5.8	0.8	1Am/M4	Φ7.1×15	IP56	38
S6-10	1.0	4.3	1.1	1Am/M4	Φ7.1×15	IP56	39

### 尺寸表 Size Chart

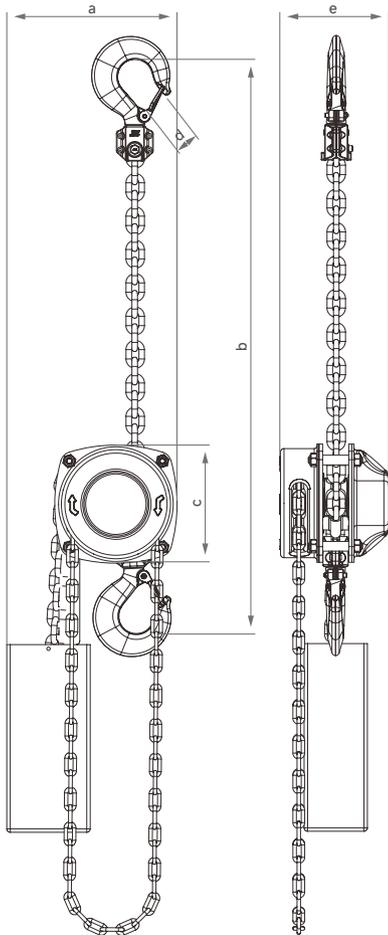
类型 Type	额定载荷 Rated Load (t)	H/min	A	B	C	D
S6-05	0.5	550	168	112	245	250
S6-10	1.0	590	168	112	245	250

注：产品电源电压为 380V/50HZ/3P, 标准起重链条为电泳处理, 发黑处理或镀锌处理均可提供。  
Note: The product's power supply voltage is 380V/50HZ/3P. The standard lifting chain is electrophoretic treated; black oxide treatment or galvanizing treatment are also available.



# 623

## HSZ-A型舞台式手拉葫芦

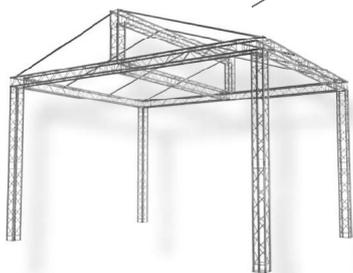
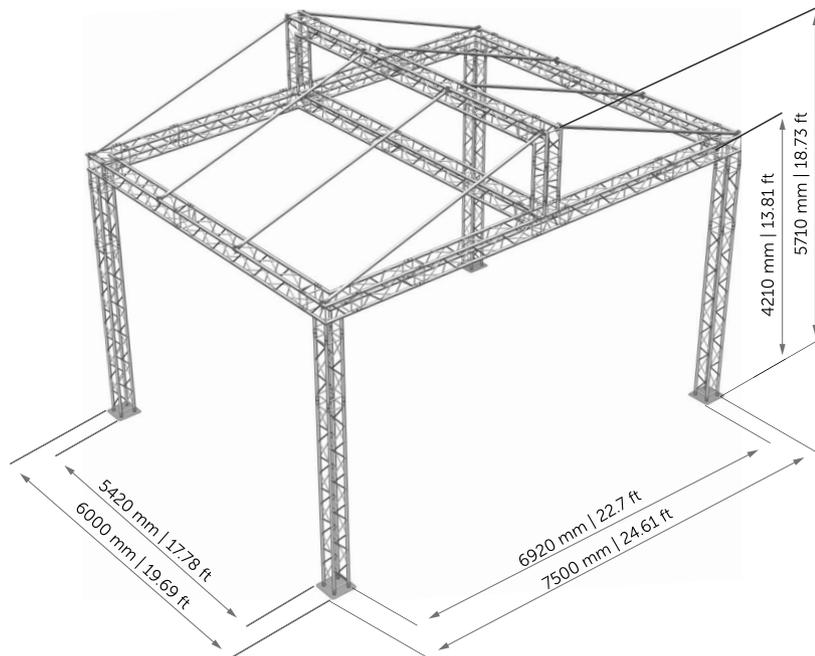


类型 Type	HSZ-1D2	HSZ-2D2
额定载荷 Rated Load (kg)	1000	2000
起升高度 Lifting Height (m)	3	3
载重链行数 Number of Load Chain Rows	1	1
满载时手拉力 Hand Pull Force at Full Load (N)	305	340
测试载荷 Test Load (kg)	1500	3000
载重链规格 Load Chain Specification (mm)	6×18	8×24
手拉链规格 Hand Chain Specification (mm)	5×25	5×25
净重 Net Weight (kg)	12	18
包装后重量 Weight After Packaging (kg)	12.5	19.6
每米载重链重量 Weight of Load Chain per Meter (kg/m)	0.77	1.36
每米手拉链重量 Weight of Hand Chain per Meter (kg/m)	0.9	0.9
a (mm)	182	206
e (mm)	145	157
d (mm)	35	40
Hmin (mm)	361	413



# 屋顶标准1

Roof Standard-Rst 1



RST1

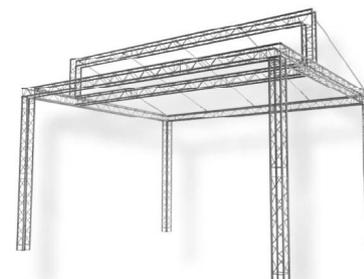
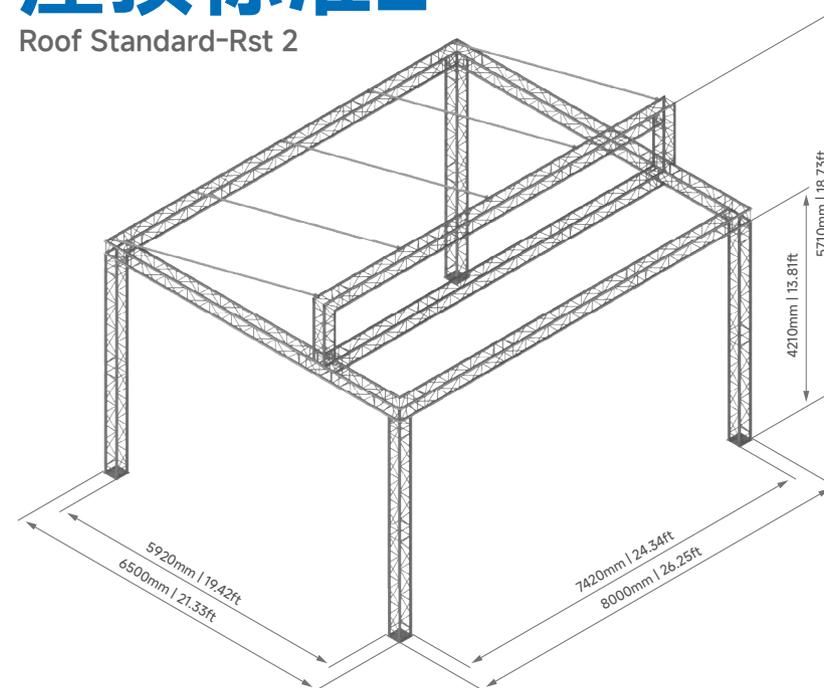
屋顶标准 Roof Standard 7×5m (22.5×17.5ft)

## 配件清单 Part List

FT34-50	2
FT34-100	8
FT34-200	8
FT34-300	8
FT34-C21	2
FT34-C30	4
FT34-T42	2
#3004 (底板 Base Plate)	4
屋顶连接件 Roof Bar RST	8

# 屋顶标准2

Roof Standard-Rst 2



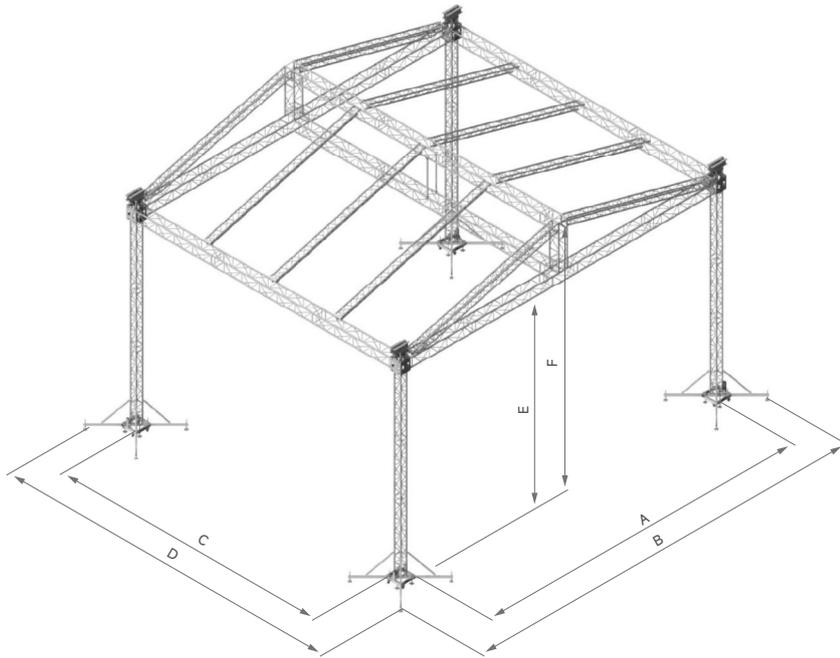
RST2

屋顶标准 Roof Standard 7×6m (22.5×20ft)

## 配件清单 Part List

FT34-50	2
FT34-100	10
FT34-200	16
FT34-300	4
FT34-C21	2
FT34-C30	4
FT34-T42	2
#3004 (底板 Base Plate)	4
屋顶连接件 Roof Bar RST	5

# ROOF2



## | 建筑施工系统 Used Construction Systems

Mast Section 桅杆节段	TT-34
Support Truss 支撑桁架	FT-44
Outside Rafter 外椽	FT-34
Inside Rafter 内椽	FT-33

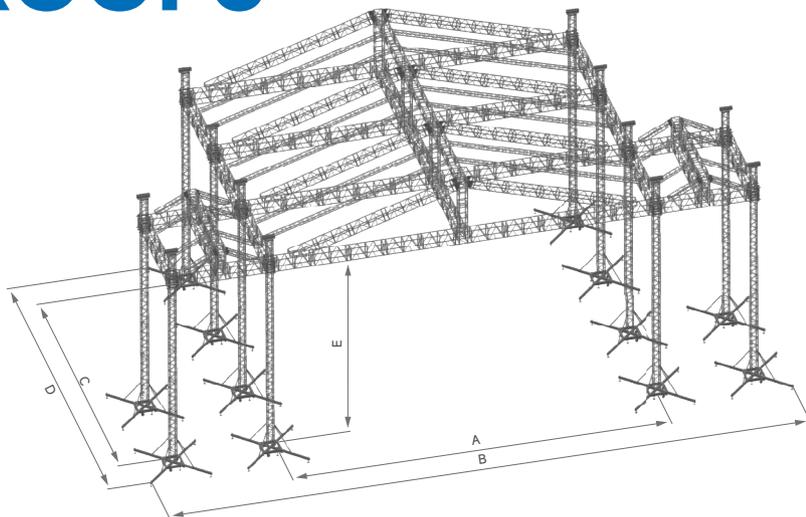
## | 规格 Specifications

Max.Dimension 最大尺寸	14.5×12.5m(47.6×41.0ft)
Max.Stage Size 最大平台尺寸	12×10m(39.4×32.8ft)
Max.Clearance 最大净空	7.0m(23.9ft)
Max.Height 最大高度	9.1m(29.8ft)
Max.Load Bearing Capacity 最大承重	3500kg(7716lb)
Total Weight of Construction 结构总重量	2000kg(4409lb)

## | 平台尺寸 Stage Measurements

		8×6m(26,25×19,69ft)	10×8m(32,81×26,25ft)	12×10m(39,37×32,81ft)
内部宽度 Inside Width	A	8030mm(26.35ft)	10030mm(32.91ft)	12030mm(39.47ft)
总宽度 Overall Width	B	10500mm(34.45ft)	12500mm(41.01ft)	14500mm(47.27ft)
内部深度 Inside Depth	C	6030mm(19.78ft)	8030mm(26.35ft)	10030mm(32.91ft)
总深度 Overall Depth	D	8500mm(27.89ft)	10500mm(34.45ft)	12500mm(41.01ft)
净空 Clearance	E	7000mm(22.97ft)	7000mm(22.97ft)	7000mm(22.97ft)
高度 Height	F	8567mm(28.11ft)	8830mm(28.97ft)	9086mm(29.91ft)

# ROOF3



## | 建筑施工系统 Used Construction Systems

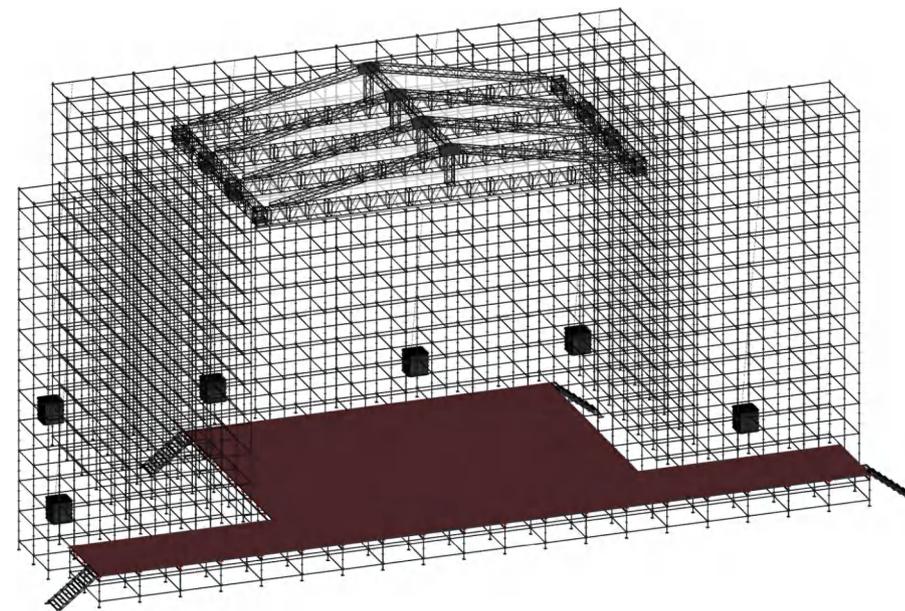
Mast Section 桅杆节段	TT-44
Support Truss 支撑桁架	TT-74, TT-54
Outside Rafter 外椽	FT-44
Inside Rafter 内椽	FT-43

## | 规格 Specifications

Max.Dimension 最大尺寸	34×20m(111.5×65.6ft)
Max.Stage Size 最大平台尺寸	21×16.5m(68.9×64.1ft)
Max.Clearance 最大净空	11.5m(37.7ft)
Max.Height 最大高度	15.5m(50.8ft)
Max.Load Bearing Capacity 结构总重量	12500kg(27.558lb)

## | 平台尺寸 Stage Measurements

内部宽度 Inside Width	总宽度 Overall Width	内部深度 Inside Depth	总深度 Overall Depth	净空 Clearance
A	B	C	D	E
21000mm (68.9ft)	34000mm (111.5ft)	16700mm (54.8ft)	20000mm (65.6ft)	11500mm (57.7ft)



## | 规格 Specifications

Roof 屋顶	20×12×16m
Layer 雷亚架	40×16×18m
Stage 舞台	38×16×16m

