



SHINESTAGE



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🌐 [www.shinetruss.com](http://www.shinetruss.com)



13.0版



## SHINING ON THE WORLD STAGE

Founded in 2010, ShineStage is one of the world's leading manufacturers of aluminum alloy products and structural solutions for the event and entertainment industry for over 15 years. As a provider of intelligent dynamic stage and safe stage structure solutions, ShineStage manufactures products including aluminum alloy trusses, activity stages, barriers, bleachers, stage machinery, intelligent hanging and control systems, which are widely used in large-scale performances, ceremonies, weddings, parties, theaters, professional colleges, exhibition displays, professional venues, cultural and tourism industries, shopping malls, and other places. Our professional technical teams can provide users with unique design solutions for their respective application scenarios by Finite Element Analysis, on-site surveys, and other means, which has been recognized by global users. And thus ShineStage successfully becomes one of the top 10 brands of safe stage structures in the world.

Our solutions are safe, reliable and can be used in every type of event. Our finished projects showcase our abilities to provide all the technology and knowledge to make your event safe, successful and carefree. ShineStage will help guide you throughout the whole process of creating structures whenever and wherever you want. Our skilled engineers will provide the best practical solutions combined with out-of-the-box thinking in order to meet your entertainment needs.

ShineStage is headquartered in Guangzhou, China. As a supplier of entertainment one - stop solutions globally, ShineStage has obtained certificates including ISO, SGS, CE and TUV. In the future, ShineStage will never forget her original intention and forge ahead! Let the world know what we have been doing, set a benchmark in the stage industry!



**Marketing Center**  
2,000SQM grade A office



**Raw Material Storage Center**  
2000SQM of raw material storage center to meet the production needs of various products.



**Product Center**  
1000SQM high-end decoration product showroom.

**Cutting Workshop**



**Assembly Workshop**



**Finished Product Storage Center**

**Welding Workshop**



**Processing Workshop**







# COMPANY HISTORY

**IN2025**  
The marketing center moved to the Guangzhou headquarters, and the Deying production base officially started production

**IN2024**  
new production base under understruction

**IN 2020**  
Shinestage develop new stage machinery to tenderfor government project and kindsof theater & music stadium.

**IN 2019**  
The ISO9001:2015 version of the renewal of the certification and the certification of intellectual property rights.

**IN 2018**  
We are awarded "high-tech enterprise" and "contract-honoring enterprise"

**IN 2017**  
We moved to Shinestage Industrial Park, a production base of 20,000 square meters, and introduced high-efficiency precision production machinery.

**IN 2016**  
Introduced the ERP Enterprise Management System.

**IN 2015**  
A total of a number of patented products were developed and all passed the German TUV product safety testing certification.

**IN 2013**  
Our products are certified by the German TUV safety/loading test, EU CE, and SGS raw material inspection

**IN 2012**  
We cooperated with long-term OEM suppliers in the United States, introduced American production technology and passed the German TUV quality management system.

**IN 2010**  
Mr. Ke Zigui founded "Guangzhou Shinestage Technology Co., Ltd"





## ISO 9001 Certificate

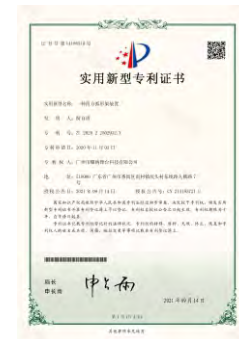
SHINE STAGE has reached international standards in the integration of various management systems, and continues to provide customers with expected and satisfactory qualified products.



## National Patent

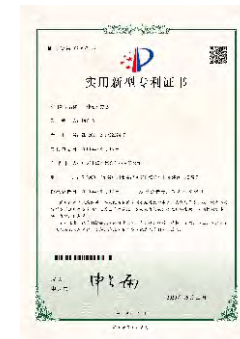
Folding barrier patent  
Folding barrier trolley patent  
Locking device for stage foot patent  
Square leg fixings appearance patent  
One kind of new catwalk truss patent  
Catwalk truss appearance patent  
Protable lighting truss patent

...



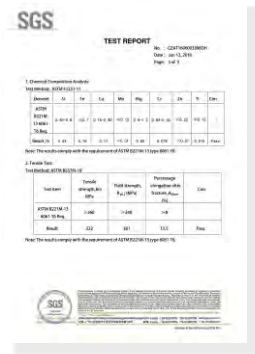
## National Patent

Square arc-shaped frame device



## National Patent

Truss square sleeve



## SGS Material Test Certificate

SHINE STAGE has passed SGS certification and obtained the material test certificate issued by SGS. Product quality and verification are all eligibility standards.



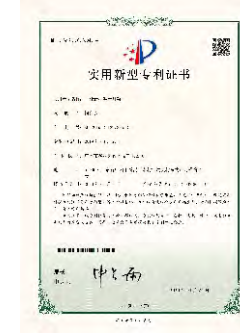
## Truss TUV Load Test

Spigot Truss  
Bolt Truss  
Fork End Truss  
Folding Truss



## National Patent

Truss lifting system



## National Patent

New Stage Light Frame



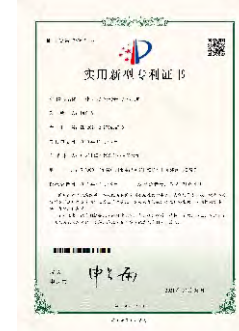
## CE Quality System

SHINE STAGE's products have passed the corresponding conformity assessment procedures and/or the manufacturer's declaration of conformity, and truly become products that are allowed to enter the European Community market.



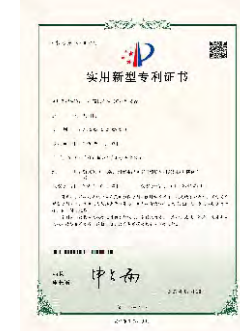
## Stage TUV Load Test

Assemble Stage  
Adjustable Stage



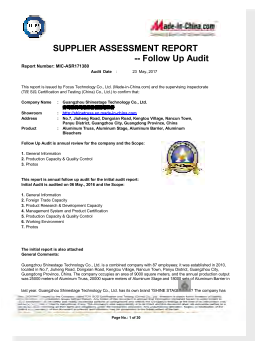
## National Patent

Stage light bracket



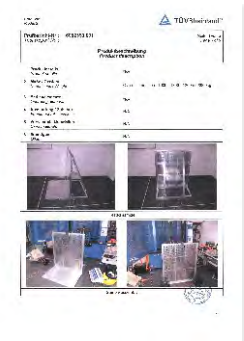
## National Patent

High stability triangular pin device



## TUV Factory Certificate

In 2017, SHINE STAGE passed the audit report certificate issued by made in china.com.



## Barrier TUV Load Test

. Aluminium Barrier



## National Patent

Stage telescopic device



## National Patent

Flat nut shaped frame clamp





## Kyrgyzstan National Day Celebration

Address : Kyrgyzstan

Completion Date: September 2024

Project Description :

In the important project of Kyrgyzstan's National Day celebration, ShineStage is fully responsible for the supply and on-site service of stage structure products with outstanding technical strength and industry experience. The company provides high standard equipment such as layher structure, 4060 truss, YS4 series stage, etc., covering comprehensive support from on-site construction, after-sales service to safety assurance, ensuring the smooth progress of the celebration activities. The efficient execution and precise solutions of ShineStage perfectly present the stage effect of the celebration, further enhancing the brand's influence on the international stage and consolidating its position as a reliable partner in the global stage equipment industry. Through this project, ShineStage Technology has demonstrated its core competitiveness in international large-scale events, laying a more solid foundation for its future international layout.



## Hangzhou Asian Games

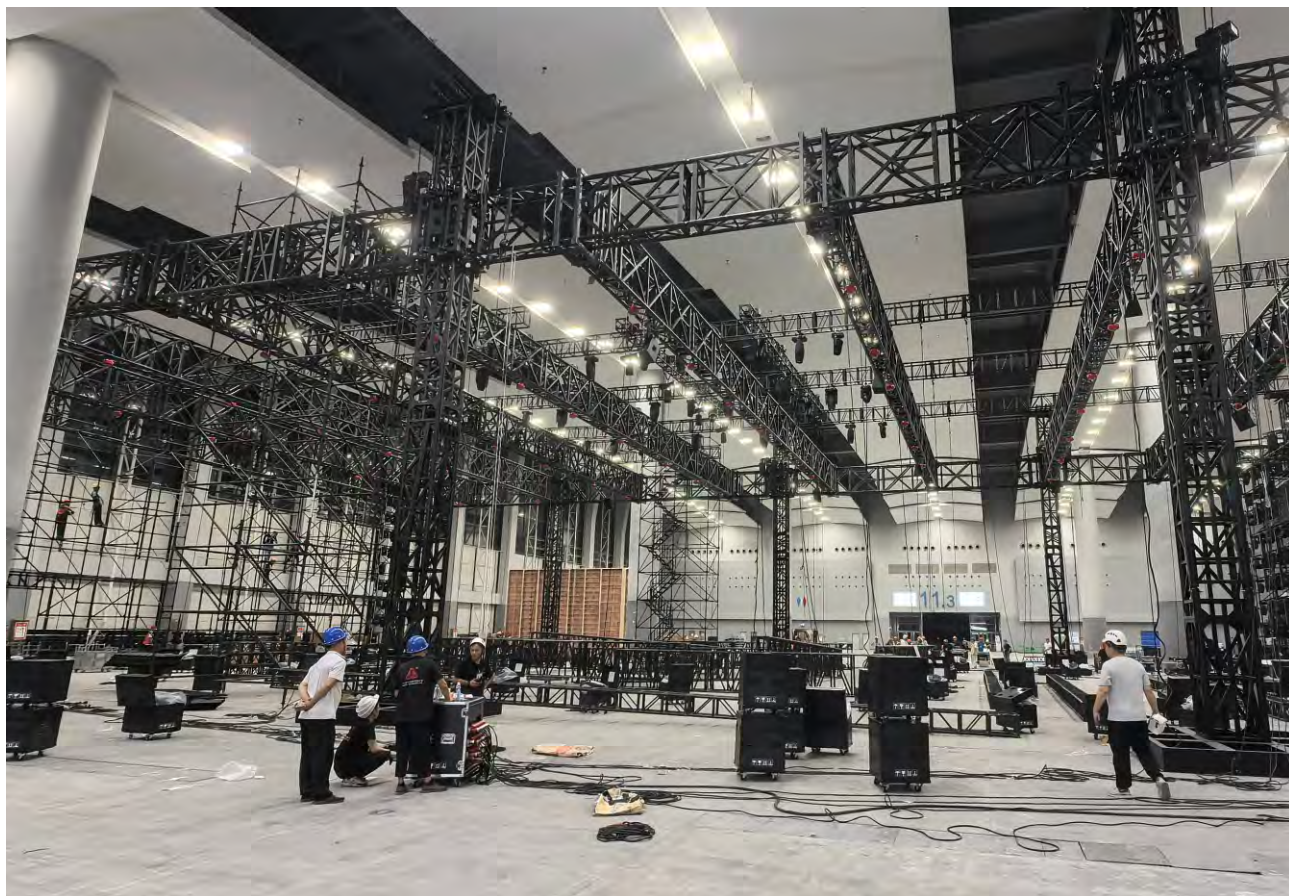
Address : Hangzhou, China

Completion Date: September 2023

Project Description :

ShineStage undertook the design, production, and construction of the YS8L stage structure for the 5000SQM Hangzhou Olympic Sports Center Stadium, the main venue. This model of stage provides solid support for major events such as the opening and closing ceremonies of the Asian Games, as well as various award ceremonies. The stage structure of YS8L model can bear a weight of 1000 kilograms per square meter and can adapt to different support frame structures to meet the functional requirements of different application scenarios. Its panels can be easily replaced with different panels, such as display tiles, glass surfaces, wooden surfaces, etc., with high flexibility and versatility, making it the most ideal product investment choice for event rental businesses. Through the professional design and exquisite craftsmanship of ShineStage, the Hangzhou Olympic Sports Center Stadium demonstrated the ultimate stage effect and reliable safety at the 19th Hangzhou Asian Games, providing important guarantees for the successful hosting of the event. This project not only demonstrates the outstanding strength of ShineStage in the field of stage construction, but also adds brilliant brilliance to the Hangzhou Asian Games, winning widespread praise.





## Peak Shock – Return of the Journey to the West

Location: Guangdong

Date: May 2025 Project

Overview: During the Guangzhou International Professional Lighting and Sound Exhibition (Guangzhou Expo), the immersive light and shadow performance “Peak Shock – Return of the Journey to the West” was grandly staged in Hall 11.3, Area B of the China Import and Export Fair Complex, attracting a large number of industry professionals and spectators. As a key technical support provider behind this epic production, Shinestage played a crucial role in delivering this stunning stage presentation with its top-tier large-scale structural solutions. This performance broke away from the conventional format of light shows, integrating holographic projection, CNC-controlled mechanical systems, and interactive water features to create a multi-sensory immersive experience, offering a modern reinterpretation of the classic Journey to the West story. Shinestage provided a high-load-bearing and stable structural system, ensuring safety and stability throughout the performance. The event was jointly produced by Tianjin Zhongyao Cultural Tourism Technology in collaboration with several leading companies. Among them, Shinestage stood out with its professional large-scale structural solution, offering solid technical support. Shinestage’s high-strength structural system not only supported the extensive equipment setup but also ensured smooth execution of high-frequency interactive segments, delivering an immersive “time-travel” cultural performance experience for the audience.



## Zhuhai Soda Music Festival

Location: Zhuhai, China

Completion Date: July 2025

Project Overview:

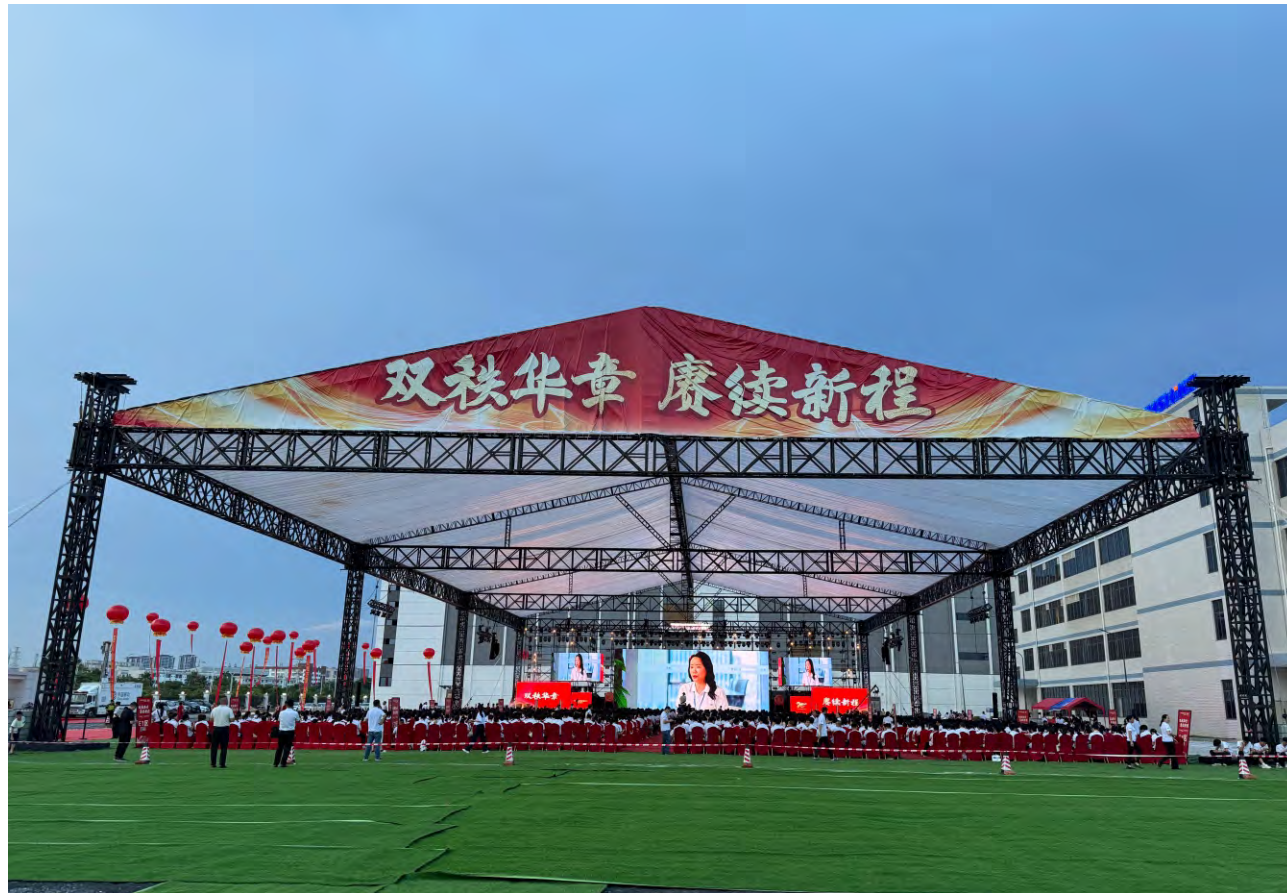
At the spectacular Zhuhai Soda Music Festival, Shinestage Technology provided powerful technical support through its innovative FlexiBuild-PLUS System. As the key stage construction technology partner for the festival, Shinestage redefined large-scale event staging with its unique modular component design and electric cylinder lifting system.

The FlexiBuild-PLUS system features modular components with standardized interfaces, enabling rapid assembly and disassembly, significantly improving on-site setup efficiency. Unlike traditional electric hoist lifting methods, Shinestage electric cylinder system excels in precision and stability, ensuring accurate and safe stage height adjustments to meet the festival’s complex and dynamic requirements.

In addition to simplifying construction and teardown, the system’s modular design also offers major advantages in transportation and storage. Compared to conventional systems, FlexiBuild-PLUS reduces transport and storage space requirements by up to 60%, greatly lowering logistics costs. Whether in time savings or resource optimization, Shinestage innovative system played a critical role in the success of the Zhuhai Soda Music Festival.

This collaboration not only advanced the innovation of stage construction technology but also demonstrated Shinestage Technology’s leadership in large-scale event solutions. Committed to delivering efficient, safe, and sustainable staging systems for global events, Shinestage ensures that every production is executed smoothly and successfully.





## Tianshan Electronics 20th Anniversary Gala Tent Project

Location: Qinzhou, Guangxi

Date: June 2025Project

Overview:Amidst the stormy typhoon season, the 20th Anniversary Celebration of Tianshan Electronics was held grandly as scheduled. Shinestage, with its professional large-scale event structural solutions, provided a strong and reliable safety shield for this milestone celebration.Faced with the severe challenges of adverse weather, our engineering team leveraged extensive field experience and high-level professionalism to deliver a customized wind- and earthquake-resistant solution, ensuring the entire event was executed safely and smoothly.From meticulous site assessment and precise structural calculations to wind-resistant design and rigorous construction standards, Shinestage prioritized safety performance at every stage. We implemented a modular rapid assembly system, which ensured both structural stability and efficient on-site installation. When the typhoon struck, the rigorously tested large-scale structure demonstrated outstanding wind resistance, keeping the brilliant stage firmly in place despite the storm.

As experts in large-scale event structure solutions, shinestage Technology once again proved that the more critical the moment, the more essential professional protection becomes. We are honored to have safeguarded this major milestone for Tianshan Electronics, allowing the celebration—embodying 20 years of brilliance—to shine even amidst wind and rain.



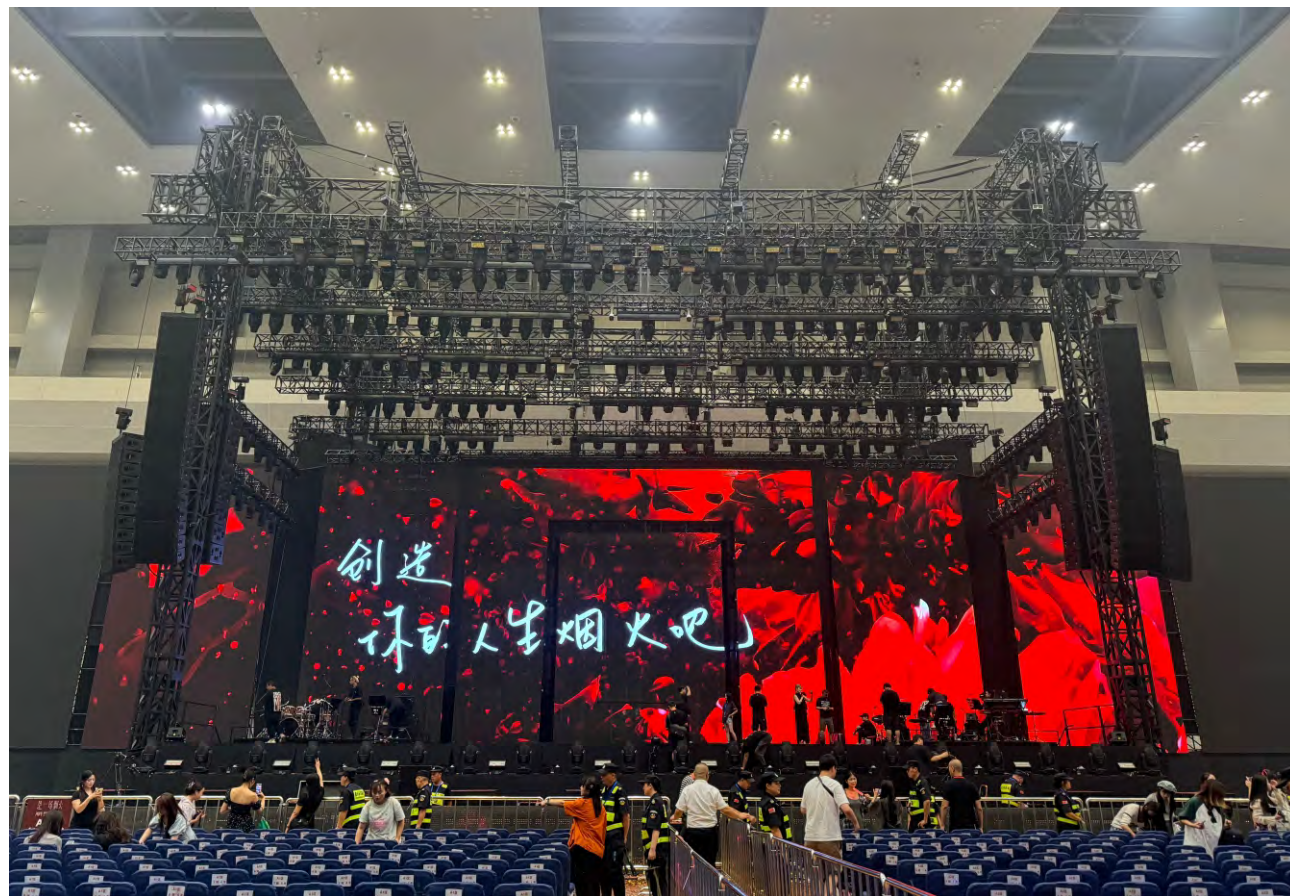
## MGM Macau Multipurpose Hall

Location: Macau, ChinaCompletion

Date: July 2025Project

Overview:During the renovation and upgrade of the MGM Macau Multipurpose Hall, Shinestage provided a professional and reliable stage machinery solution with high-strength pin truss systems and ultra-quiet electric hoists. Our electric hoists ensure smooth operation and precise lifting, with ultra-low noise levels that perfectly meet the multipurpose hall' s demanding requirements for seamless transitions between performances, conferences, and other event formats.Paired with a modular pin truss system, the structure is not only safe and load-bearing but also allows for flexible adjustments and rapid scene changes.The MGM team praised the stability and quiet performance of Shinestage's products:"Whether for cultural performances or high-end banquets, this system adapts flawlessly—truly silent operation with high efficiency and stability."Shinestage empowers multifunctional spaces with innovative technology—helping clients shine at every remarkable moment!





## Hu Yanbin's "It's a Fireworks" Tour Concert

Address : Shaoxing, Zhejiang, China

Completion Date: September 2024

Project Description :

Hu Yanbin's 2024 "It's a Firework" concert tour, Shinestage, with its excellent stage solutions and professional technology, is fully responsible for the supply and service of stage structure products. The company provides a large span truss 550 x 1500mm with flat head pin connection, 800 \* 800mm super strong columns, stands, etc. stands, etc., and demonstrated high professionalism and reliability in on-site construction, after-sales support, and safety assurance. Shinestage with its exquisite technology and seamless service, ensures that every detail of the concert is perfectly presented, bringing the audience a stunning audio-visual experience. This successful case not only consolidates Shinestage leadership position in the field of concert stage, but also further enhances the brand's influence on the international stage.



## Mayday Tour Concert

Address : Hong Kong, China

Completion Date: May 2024

Project Description :

Shinestage participated in the stage design and construction of the Mayday 25th Anniversary Tour MAYDAY 5525 LIVE TOUR "Back to That Day", aiming to create a captivating audio-visual experience. Shinestage designed and constructed a main spherical structure with a diameter of 12 meters, 10 auxiliary spherical structures with a diameter of 5 meters, and related truss systems. These structures will carry high specification LED screens and lighting equipment, creating a three-dimensional curved spherical device that surrounds 360 degrees. The clever integration of spherical structure with LED screen and lighting not only meets functional requirements, but also enhances overall aesthetics and technical level, perfectly presenting the visual effect of the "Back to That Day" concert.





## London MIK Festival

Address : Southwark Park, London, UK

Completion Date: September 2022

Project Description :

Shinestage made outstanding contributions in this music feast, providing a solution for the overall project worth nearly 4 million RMB. This includes products such as 600 \* 600 shaped aluminum plated bolt truss, 400 \* 400 aluminum plated bolt truss, 1\*2\*2 stage, layher structure, PRT-01 lighting pre-rig truss, crowd control barrier, electric hoists, etc. These products not only played a crucial role in the smooth organization of the music festival, but also added a luxurious and safe guarantee to the entire event, bringing the ultimate music experience to the live audience. Shinestage with its exquisite technology and excellent product quality, once again demonstrates the strength and brand charm of Chinese stage technology on the international stage, providing a brilliant stage for K-pop music's carnival in Europe!



## The Qingdao Golden Beach Beer Festival

Address :Shandong , China

Completion Date: June 2022

Project Description :

Shinestage provided over 2000 meters of black military industrial truss, providing solid support for the smooth progress of the event. The difficulty faced in this project lies in the complex arch shape of the truss, the large span of the canopy, and the high load-bearing capacity. To address these challenges, Shinestage Company has adopted heavy-duty structural specifications such as 600x1000, 520x520, 400x600 for the main truss, ensuring its load-bearing capacity and stability. Through precise mechanical analysis, an overall truss structure has been designed that can meet the requirements of performance stage design and cope with on-site working conditions. The overall plan has been verified by the finite element analysis report, ensuring that the overall structure meets the safety requirements of on-site performances when facing overall loads such as wind and dynamic loads. Shinestage with its exquisite skills and professional abilities in structural design, contributed to the successful hosting of the Qingdao International Beer Festival, demonstrating its outstanding strength in supporting large-scale events





## NBA Golden State Warriors New Season

Address : San Francisco, the USA

Completion Date: October, 2017

Project Description :

The Golden State Warriors Chase Center arena uses ShineStage's Lighting Pre-Rig Truss for hanging lighting and sound system. The Lighting Pre-Rig Truss is our new product, which is connected by a 360° rotating fork end spigot to achieve quick locking and compose different shapes. Each pre-rig truss is equipped with a separate trolley, saving storage and transportation costs, and improving on-site installation efficiency.



## "Lexus" Shanghai International Auto Show

Address : Shanghai, China

Completion Date: April, 2017

Project Description :

The 17th Shanghai International Automobile Industry Exhibition, also known as the 2017 Shanghai International Auto Show, has the reputation of the first auto show in Asia. The exhibition area is 350,000SQM, refreshing the scale of the auto show once again. The biennial Shanghai International Auto Show is known as the world's first auto show to showcase cars to the world, and is one of the most important international auto shows in China.

Lexus' booth design uses a 300\*400mm black painting bolt truss and a cylindrical lifting system, which fully represents the overall solution of the ShineStage in the auto show.





## Guangzhou Baiyun Airport T2 Terminal

Address : Guangzhou, China

Completion Date: May, 2018

Project Description :

T2 Terminal is the first eco-friendly airport in China to use rooftop points. The iconic "Sky Stage" in the departure hall will change its design according to different scenes. The whole terminal is mainly characterized by Lingnan Culture, and is currently the largest single terminal in use in China. Sky Stage also incorporates the local characteristics of Lingnan and uses technology to make Lingnan culture accessible to visitors from all over the world. The top of the stage consists of an array of 808 spheres, as if clouds were floating slowly in the sky.



## 2017 Cultural & Natural Heritage Day Series

Address : Tonghua City, Jilin Province

Completion Date: June, 2017

Project Description :

The first "Cultural and Natural Heritage Day" in China was organized by Jilin Intangible Heritage Protection Center and other units, with the theme of "Cultural heritage and the Belt and Road Initiative" and "Intangible Protection - Vivid inheritance and Development". In accordance with the general tone of "non-heritage protection - inheritance and vivid practice", it has demonstrated the protection and inheritance of cultural relics to the people through more than 10 activities, making "cultural heritage" closer to people's lives.



# LARGE STAGE SAFTY STRUCTURE MANAGEMENT!



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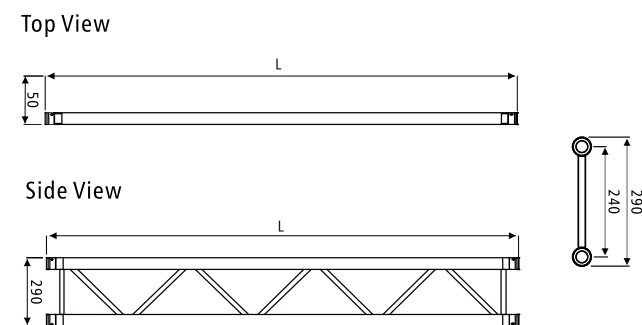
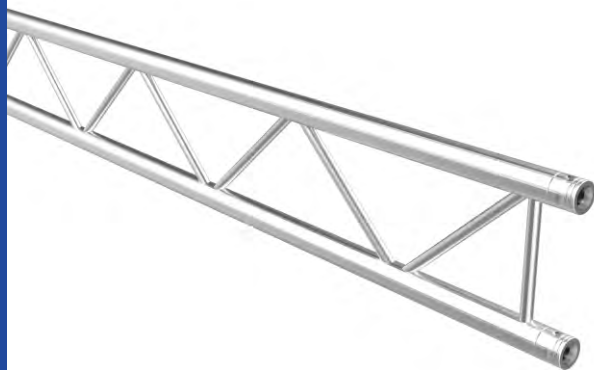
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# SPIGOT TRUSS

	-F32				
	-F33	-F33P			
	-F34	-F34P	-F44	-F44B	-F44BP
	-F54	-F54P	-F64	-F64P	-F74
	-F102B	-F104	-F104P	-F124	-F124P
	-F154	-F154B	-F154P	-F202	-F204





The F32 ladder truss can be used vertically or horizontally, and is connected to different spans by tolerance free conical coupling system for low-loading applications like wedding and exhibition booth.



#### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Compatible with F33

#### Specifications

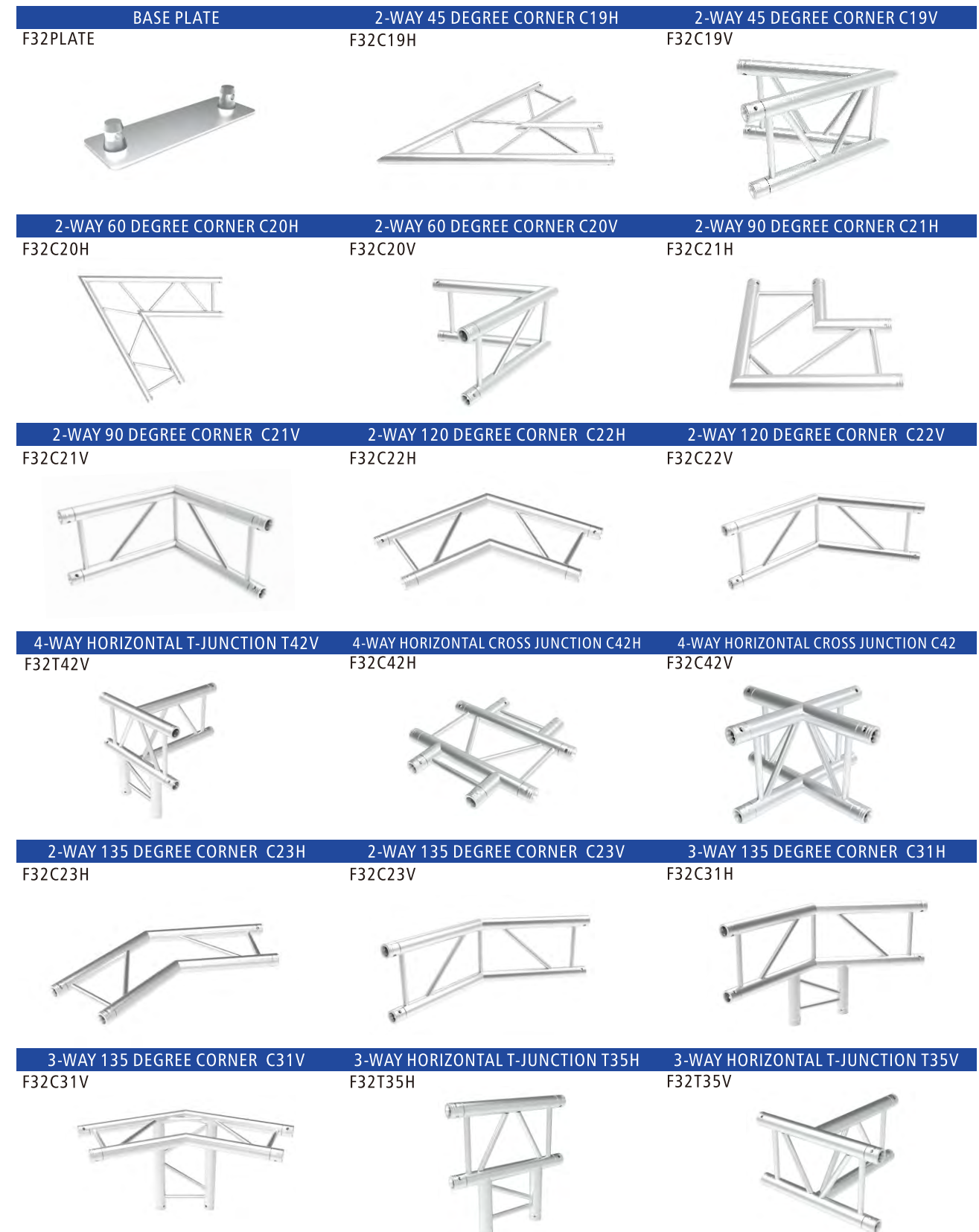
	Metric	Imperial
Height	290mm	11.42 in
Width	50 mm	1.97 in
Main Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ20 x 2 mm	0.79 x 0.08 in
Weight	~4kg/m	~8.8lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

### Metric loading charts

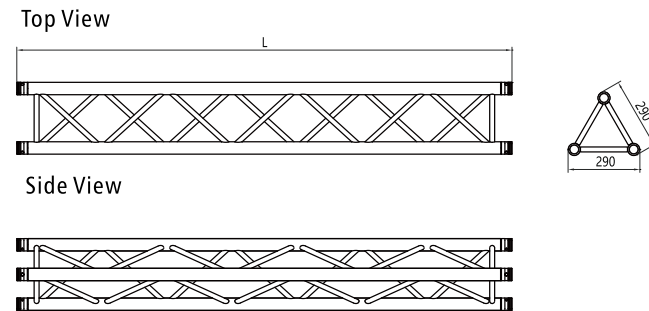
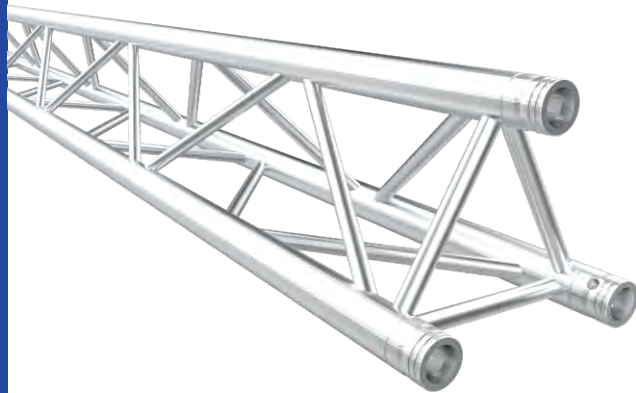
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	569	3	782	2	569	3	379	2	284	2
3	378	6	637	6	465	9	329	7	270	7
4	267	14	533	12	372	14	268	13	222	13
6	118	33	355	26	264	33	177	29	147	30
8	65	57	261	46	196	59	130	50	109	52
10	41	91	203	72	153	91	102	78	85	81

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without distance without lateral stabilization is: 1200mm.  
\*in meters/ \*\*mm is the deflection of the truss at the given load

### JUNCTIONS OR CONNECTION SYSTEM







The F33 is also an equilateral triangular truss, 3mm thick main tube, with a max span of up to 16m, 52ft, and a greater load than F33. Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1 & 1999-1-1/A2.

Facts		
<ul style="list-style-type: none"> <li>• TÜV approved</li> <li>• Also available in any non-standard length and shape</li> <li>• Tolerance free conical connector system</li> </ul>		
Specifications		
	Metric	Imperial
Height	290mm	11.42 in
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Main Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ20 x 2 mm	0.79 x 0.08 in
Weight	~7.5kg/m	~16.5lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

## Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
3	653	7	980	6	735	8	490	7	408	7
5	232	21	580	17	425	21	290	20	242	21
8	88	53	350	43	263	54	175	51	146	53
11	44	101	242	83	181	103	121	96	101	101
14	25	164	176	138	132	167	88	158	73	167
16	18	216	149	183	108	220	72	208	60	217







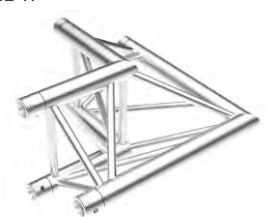


These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without distance without lateral stabilization is: 1200mm.

\*in meters/ \*\*mm is the deflection of the truss at the given load








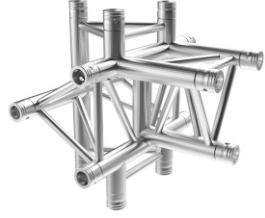
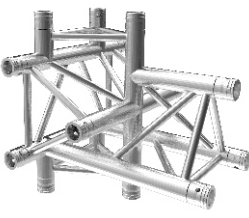






CODE	LENGTH
F33-050	F33-050P
F33-100	F33-100P
F33-150	F33-150P
F33-200	F33-200P
F33-250	F33-250P
F33-300	F33-300P
F33-350	F33-350P
F33-400	F33-400P



## JUNCTIONS OR CONNECTION SYSTEM

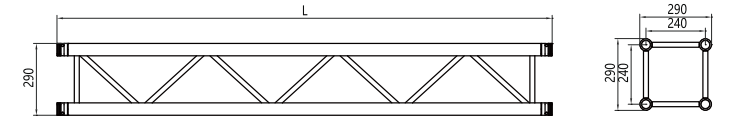
<b>BASE PLATE</b> F33BASE P 	<b>2-WAY 45 DEGREE CORNER C19</b> F33C19P 	<b>2-WAY 60 DEGREE CORNER C20</b> F33C20P 
<b>2-WAY 90 DEGREE CORNER C21</b> F33C21P 	<b>2-WAY 120 DEGREE CORNER C22</b> F33C22P 	<b>4-WAY T-JUNCTION T43</b> F33T43P 
<b>2-WAY 90 DEGREE CORNER C24</b> F33C24P 	<b>2-WAY 90 DEGREE CORNER C25</b> F33C25P 	<b>3-WAY 90 DEGREE CORNER C31</b> F33C31P 



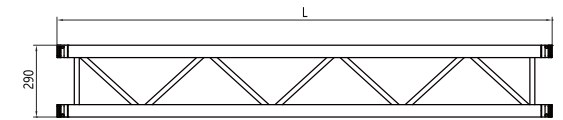
<b>3-WAY 90 DEGREE CORNER C32</b> F33C32P 	<b>3-WAY 90 DEGREE CORNER C33</b> F33C33P 	<b>3-WAY 90 DEGREE CORNER C34</b> F33C34P 
<b>4-WAY CROSS JUNCTION C41</b> F33C41P 	<b>4-WAY 90 DEGREE CORNER C44</b> F33C44P 	<b>4-WAY 90 DEGREE CORNER C45</b> F33C45P 
<b>5-WAY 90 DEGREE CORNER C51</b> F33C51P 	<b>5-WAY CROSS JUNCTION C52</b> F33C52P 	<b>5-WAY CROSS JUNCTION C53</b> F33C53P 
<b>3-WAY HORIZONTAL T-JUNCTION T35</b> F33T35P 	<b>3-WAY HORIZONTAL T-JUNCTION T36</b> F33T36P 	<b>3-WAY HORIZONTAL T-JUNCTION T37</b> F33T37P 
<b>3-WAY VERTICAL T-JUNCTION T38</b> F33C38P 	<b>3-WAY VERTICAL T-JUNCTION T39</b> F33C39 P 	<b>4-WAY T-JUNCTION T42</b> F33T42 P 



Top View



Side View



The F34 square truss is suitable for max span 16m, 59ft, or used as a standard tower/ rigging system. The F34 features a 2mm thick main tube to ensure high durability and strength, great for high-frequency use or disassembly scenarios requiring higher loading, such as rental, event planning and exhibition companies.

Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1 & 1999-1-1/A2.



#### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- F34 is also available as a Tower Truss

#### Specifications

	Metric	Imperial
Height	290mm	11.42 in
Width	290 mm	11.42 in
Main Tube	Φ50 x 2 mm	1.97 x 0.08 in
Brace Tube	Φ20 x 2 mm	0.79 x 0.08 in
Weight	~7.5kg/m	~16.5lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

#### Metric loading charts

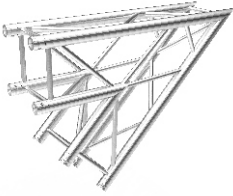
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	238	33	641	23	505	33	356	29	296	31
9	103	72	454	58	347	75	232	63	193	67
12	55	125	335	104	251	130	167	110	140	116
14	39	176	279	138	209	175	139	151	116	157
15	34	203	256	159	192	199	128	170	106	179
16	29	232	235	180	176	224	117	196	98	204

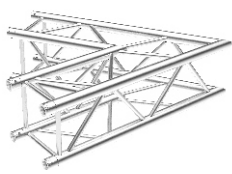
These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without distance without lateral stabilization is: 1200mm.

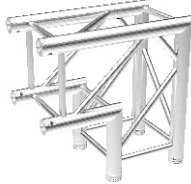
\*in meters/ \*\*mm is the deflection of the truss at the given load

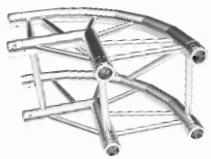


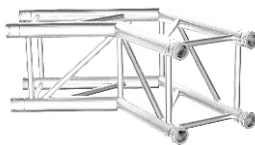
# JUNCTIONS OR CONNECTION SYSTEM

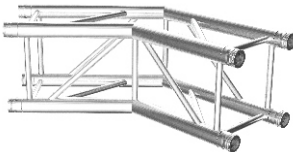
2-WAY 45 DEGREE CORNER C19  
F34C19


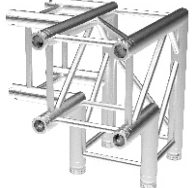
2-WAY 60 DEGREE CORNER C20  
F34C20


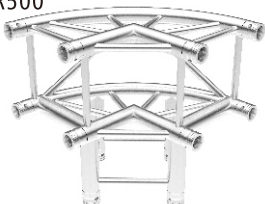
2-WAY 90 DEGREE CORNER C21  
F34C21


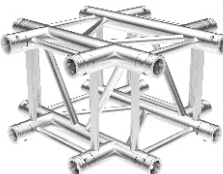
ROUNDED 2-WAY 90 DEGREE CORNER C21  
F34C21-R500



2-WAY 120 DEGREE CORNER C22  
F34C22



2-WAY 135 DEGREE CORNER C23  
F34C23



3-WAY 90 DEGREE CORNER C30  
F34C30



ROUNDED 3-WAY 90 DEGREE CORNER C30  
F34C30-R500


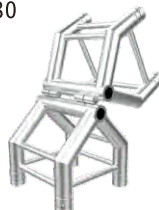
4-WAY CROSS JUNCTION C41  
F34C41



5-WAY T-JUNCTION C55  
F34C55


3-WAY T-JUNCTION T35  
F34T35


4-WAY T-JUNCTION T40  
F34T40


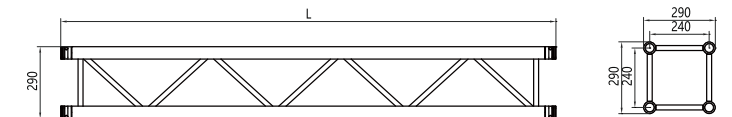
0-180 DEGREE VARIABLE ANGLE  
F34VC0-180


180 DEGREE CENTER PIVOT  
F34V-180


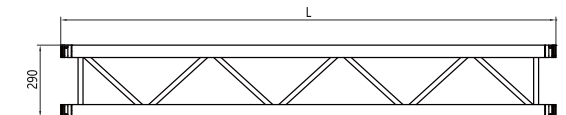
6-WAY UNIVERSAL JUNCTION BLOCK  
F34BOX




Top View



Side View



The F34P square truss is suitable for max span 16m,52ft, or used as a standard tower / rigging system. The F34P features a 3mm thick main tube to ensure higher durability and strength than F34, great for high-frequency use or disassembly scenarios requiring higher loading, such as rental, eventplanning and exhibition companies.

Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1 & 1999-1-1/A2.



## Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- F34P is also available as a Tower Truss

## Specifications

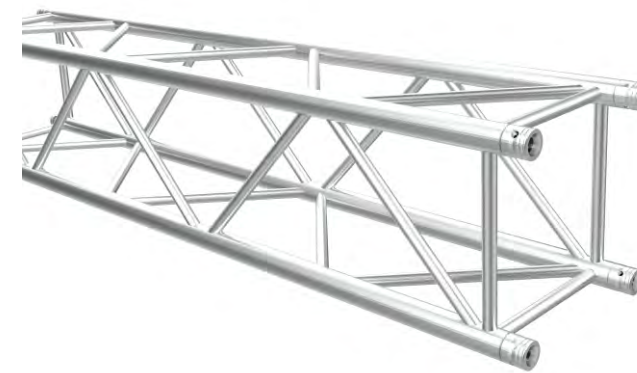
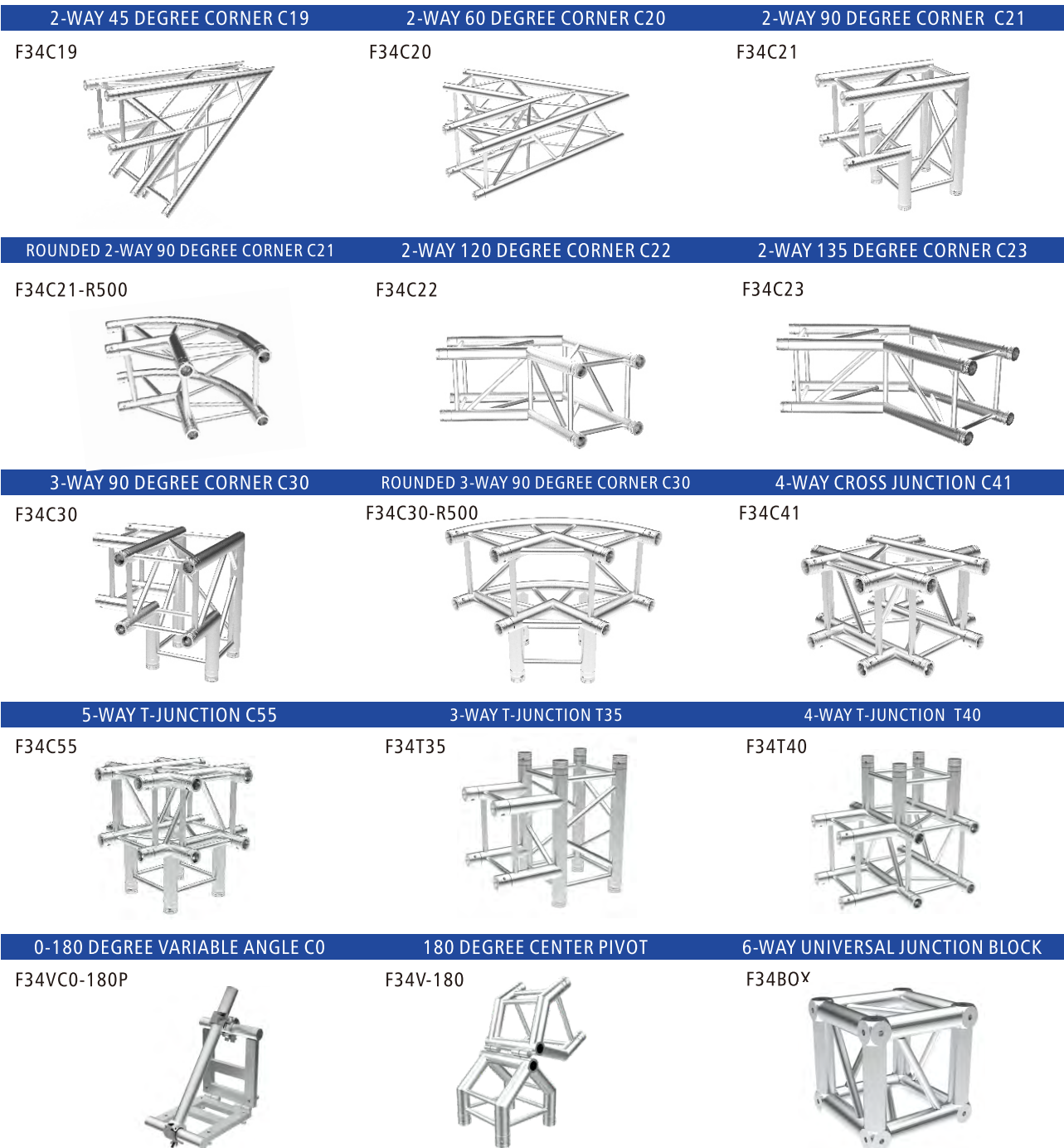
	Metric	Imperial
Height	290mm	11.42 in
Width	290 mm	11.42 in
Main Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ20 x 2 mm	0.79 x 0.08 in
Weight	~9kg/m	~19.8lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

## Metric loading charts

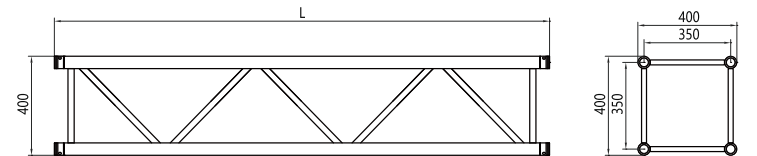
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	297	25	892	22	669	28	446	24	371	26
9	129	57	581	50	436	63	291	54	242	58
12	70	102	422	88	316	110	211	96	176	101
14	50	139	351	119	264	149	176	95	146	136
16	37	181	293	153	220	191	147	169	122	178
18	28	227	250	195	187	241	125	210	104	224



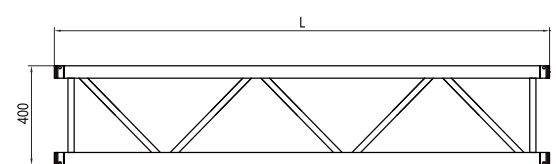
## JUNCTIONS OR CONNECTION SYSTEM



Top View



Side View



The F44 square truss is suitable for max span 18m, 59ft, or used as a standard tower / rigging system. The F44 features a larger width and height 400\*400mm to ensure higher durability and strength than F34P, great for high-frequency use or disassembly scenarios requiring higher loading, such as rental, event planning and exhibition companies.

Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1 & 1999-1-1/A2.



### Facts

- TüV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

### Specifications

	Metric	Imperial
Height	400mm	15.75 in
Width	400mm	15.75 in
Main Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ20 x 2 mm	0.98 x 0.08 in
Weight	~9.5kg/m	~20.9lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	










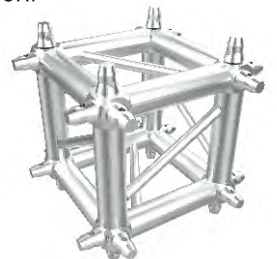
## Metric loading charts

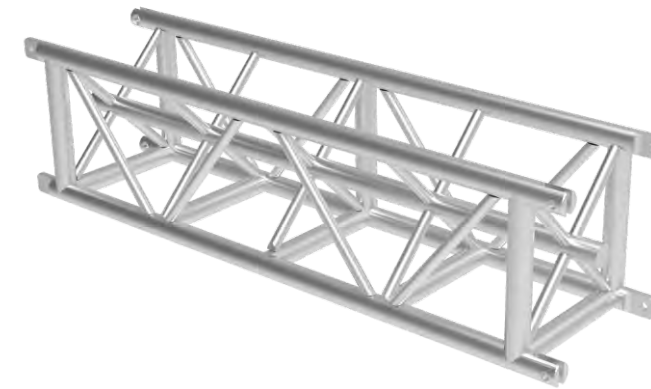
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	390	18	1120	14	816	19	649	17	542	18
9	189	43	806	33	636	45	424	38	353	40
12	136	76	616	60	462	76	308	67	256	70
14	73	105	514	81	385	103	257	90	214	95
16	55	131	435	105	326	140	217	116	181	122
18	41	163	372	133	279	175	186	146	155	153

\*in meters/ \*\*mm is the deflection of the truss at the given load

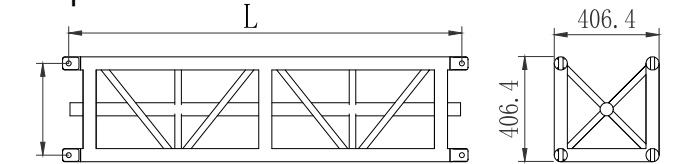


## JUNCTIONS OR CONNECTION SYSTEM

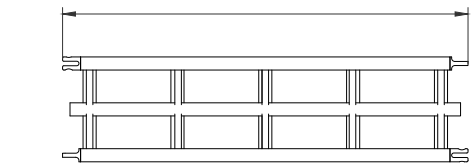
<b>2-WAY 90 DEGREE CORNER C21</b> F44C21P 	<b>2-WAY 120 DEGREE CORNER C22</b> F44C22P 	<b>2-WAY 135 DEGREE CORNER C23</b> F44C23P 
<b>3-WAY 90 DEGREE CORNER C30</b> F44C30P 	<b>4-WAY CROSS JUNCTION C41</b> F44C41P 	<b>5-WAY T-JUNCTION C55</b> F44C55P 
<b>3-WAY T-JUNCTION T35</b> F44T35P 	<b>4-WAY T-JUNCTION T40</b> F44T40P 	<b>BASE PLATE</b> F44BASE 
<b>6-WAY BOX CORNER</b> F44BOXP 		



Top View



Side View



The main tube of F44B can be used for displaying screens. It is suitable for small to medium-sized events or performances. ShineStage offers a variety of F44B fork end truss accessories, providing maximum flexibility, including standard or custom lengths, circular and arched shapes, and some corners. Trusses can be customized according to customer requirements.

### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

### Specification

	Metric	Imperial
Height	406.4mm	16 in
Width	406.4 mm	16 in
Main Tube	Φ50.8 x 3.2 mm	2x 0.13 in
Vice Tube	Φ25.4 x 3.2 mm	1 x 0.13 in
Brace Tube	Φ25.4 x 3.2 mm	1x 0.13in
Weight	~15.6kg/m	~34.4 lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

## Metric loading charts

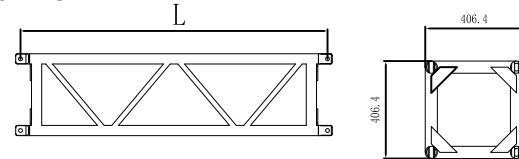
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1206	5	965	4.5	689	5.5	536	5.5	439	6.0
4	549	11	878	11.0	627	13.0	488	14.0	399	14.5
6	291	18	698	17.5	498	20.5	388	22.5	317	23.5
8	168	29	539	27.5	385	29.5	299	30.5	245	31.5
10	113	38	454	36.5	324	39.5	252	41.5	206	42.5
12	76	47	363	45.5	259	47.5	202	48.5	165	49.5
14	60	64	338	61.5	241	63.5	188	64.5	153	65.5
16	47	77	300	75.5	214	78.5	166	79.5	136	81.0

\*in meters/ \*\*mm is the deflection of the truss at the given load

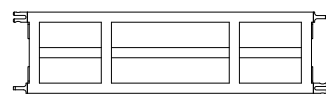




Top View



Side View



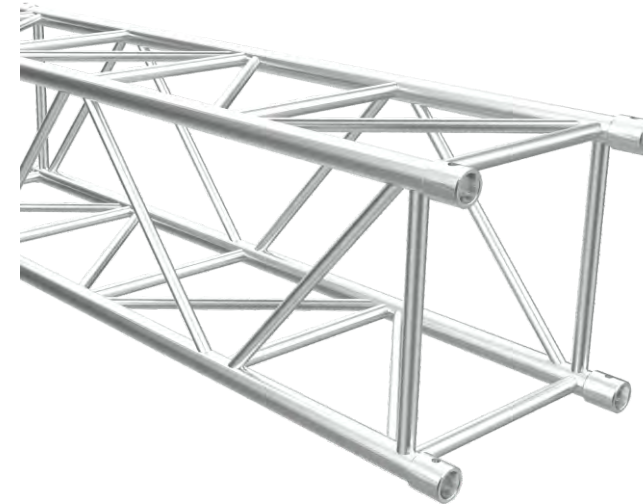
F44BP truss with a central main tube is suitable for hanging lights, making it ideal for small to medium-sized events and system. ShineStage offers various F44BP truss accessories, providing maximum flexibility. This includes standard or custom lengths, circular and arched configurations, as well as some corner options. The truss can be customized according to customer requirements.

Facts		
<ul style="list-style-type: none"> <li>•TüV approved</li> <li>•Also available in any non-standard length and shape</li> </ul>		
Specification		
Height	Metric 406.4mm	Imperial 16 in
Width	Metric 406.4 mm	Imperial 16 in
Main Tube	Metric Φ50.8 x 3.2 mm	Imperial 2x 0.13 in
Brace Tube	Metric Φ25.4 x 3.2 mm	Imperial 1 x 0.13 in
Weight	~17kg/m	~37.5lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

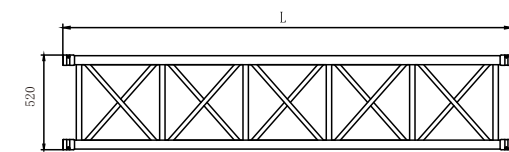
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1206	5	965	4.5	689	5.5	536	5.5	439	6.0
4	549	11	878	11.0	627	13.0	488	14.0	399	14.5
6	291	18	698	17.5	498	20.5	388	22.5	317	23.5
8	168	29	539	27.5	385	29.5	299	30.5	245	31.5
10	113	38	454	36.5	324	39.5	252	41.5	206	42.5
12	76	47	363	45.5	259	47.5	202	48.5	165	49.5
14	60	64	338	61.5	241	63.5	188	64.5	153	65.5
16	47	77	300	75.5	214	78.5	166	79.5	136	81.0

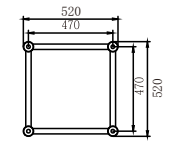
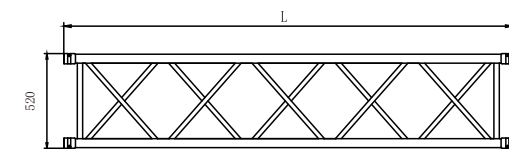
\*in meters/ \*\*mm is the deflection of the truss at the given load



Top View



Side View



The F54 square truss is suitable for max span 18m, 59ft, or used as a standard tower/rigging system. The F54 is 520\*520mm W\*H,with Cs6 coupling system, great for high-frequency use or disassembly scenarios requiring higher loading, such as rental,event planning and exhibition companies.Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1& 1999-1-1/A2.

Facts		
<ul style="list-style-type: none"> <li>•TüV approved</li> <li>•Also available in any non-standard length and shape</li> <li>•Tolerance free conical connector system</li> <li>•Increased loading compared to F44P (up to 50%)</li> </ul>		
Specifications		
Height	Metric 520mm	Imperial 20.47 in
Width	Metric 520mm	Imperial 20.47 in
Main Tube	Metric Φ50 x 4 mm	Imperial 1.97 x 0.16 in
Brace Tube	Metric Φ30 x 3 mm	Imperial 1.18 x 0.12 in
Weight	~17.5kg/m	~38.76 lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

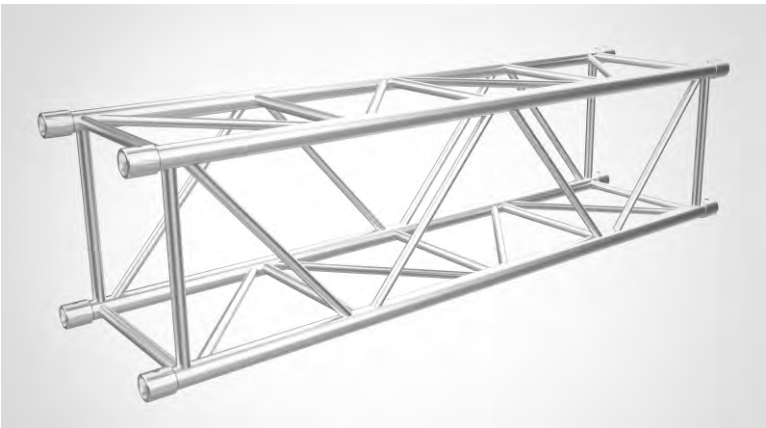
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	570	2	855	2	570	3	380	2	285	2
9	379	6	687	6	426	7	322	7	262	7
12	284	15	656	12	368	13	286	15	236	15
14	127	35	380	28	282	35	190	33	158	35
16	70	62	280	50	210	63	140	59	117	62
18	44	97	219	79	164	99	110	92	91	97

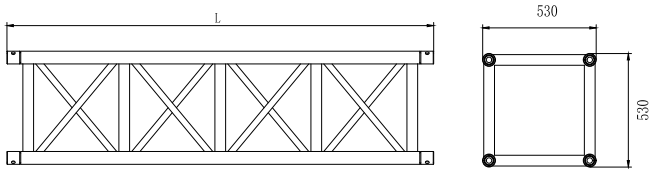
\*in meters/ \*\*mm is the deflection of the truss at the given load



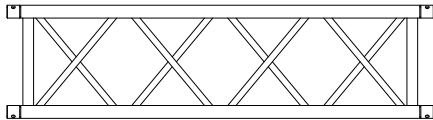
CODE	LENGTH
F54-050	520*520*500
F54-100	520*520*1000
F54-150	520*520*1500
F54-200	520*520*2000
F54-250	520*520*2500
F54-300	520*520*3000
F54-350	520*520*3500
F54-400	520*520*4000





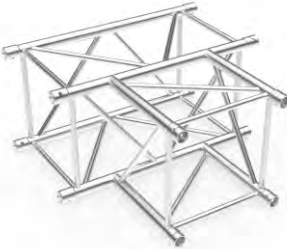

Top View



Side View



## JUNCTIONS OR CONNECTION SYSTEM

<div>2-WAY 90 DEGREE CORNER C21</div> <div>F54C21</div> 	<div>4-WAY CROSS JUNCTION C41</div> <div>F54C41</div> 	<div>3-WAY T-JUNCTION T35</div> <div>F54T35</div> 
<div>6-WAY BOX CORNER</div> <div>F54BOX</div> 		

The F54P square truss is suitable for max span 24m, or used as a standard tower/rigging system. The F54P is 530\*530mm W\*H,with Cs6 coupling system, great for high-frequency use or disassembly scenarios requiring higher loading, such as rental, event planning and exhibition companies. Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1& 1999-1-1/A2.

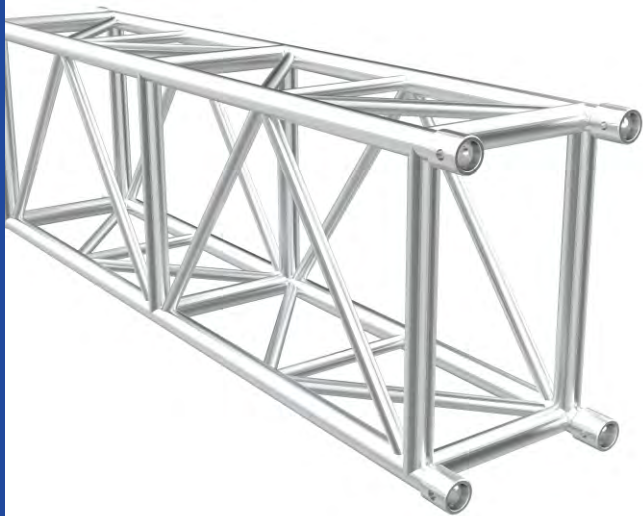
Facts		
<ul style="list-style-type: none"> <li>TüV approved</li> <li>Also available in any non-standard length and shape</li> <li>Tolerance free conical connector system</li> </ul>		
Specification		
Height	Metric 530mm	Imperial 23.62 in
Width	Metric 530 mm	Imperial 23.62 in
Main Tube	Φ60 x 5 mm	2.36 x 0.20 in
Vice Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ30 x 3 mm	1.18 x 0.12 in
Connection	Pin connection	
Material	EN AW-6061 T6	

## Metric loading charts

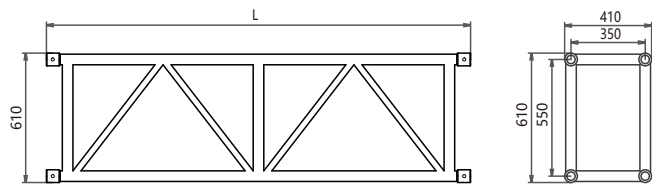
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	840	22	2799	23	1679	26	1120	28	916	31
8	627	35	2788	36	1673	39	1115	41	912	44
10	446	60	2475	61	1485	64	990	66	810	69
12	305	79	2034	80	1220	83	814	85	666	88
14	221	110	1722	111	1033	114	689	116	564	119
16	167	145	1480	146	888	149	592	151	484	154
18	129	170	1287	171	772	174	515	176	421	179
20	103	227	1140	228	684	231	456	233	373	236
22	83	250	1012	251	607	254	405	256	331	259
24	68	279	900	280	540	283	360	285	295	288

\*in meters/ \*\*mm is the deflection of the truss at the given load  
When used as a pillar: maximum height of 16m, maximum loading capacity of 5000kg

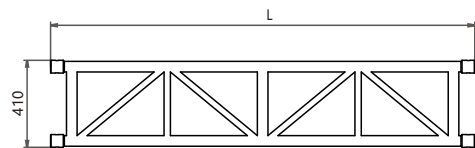




Top View



Side View



The F64 square truss is suitable for max span 21m, 69ft, usually used as beam truss. The F64 is 410\*610mm W\*H, with Cs6 coupling system, great for high-frequency use or disassembly scenarios requiring higher loading, such as rental, event planning and exhibition companies. Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1& 1999-1-1/A2.






#### Facts

- TüV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

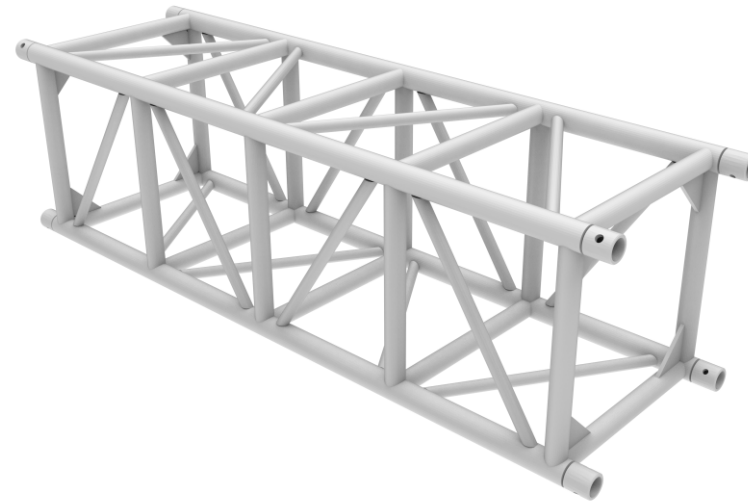
#### Specifications

	Metric	Imperial
Height	610mm	24.0in
Width	410 mm	16.1in
Main Tube	Φ50 x4 mm	1.97x 0.16 in
Vice Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ30 x 3 mm	1.18 x 0.12 in
Weight	~15.78kg/m	~34.79 lbs/m
Pin Position	Pin connection	
Material	EN AW-6082 T6	

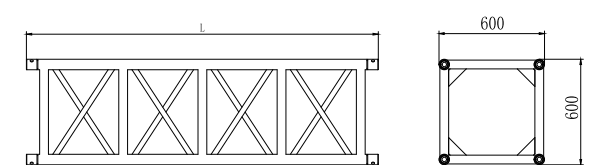
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
										
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	615	15	2000	12	1500	14	1000	13	830	15
9	291	33	1308	27	981	28	654	30	543	32
12	159	59	954	47	716	50	477	53	396	56
15	98	93	736	74	552	79	368	84	305	89
18	65	134	585	107	439	113	293	120	243	127
21	45	182	473	145	355	117	237	126	196	135

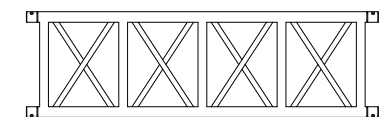
\*in meters/ \*\*mm is the deflection of the truss at the given load



Top View



Side View



F64P is specially designed for TRUSS system columns. It is made of high-strength aluminum alloy, which is light, durable and corrosion-resistant. The quick latch locking structure makes installation and disassembly more efficient, and is suitable for scenes such as stage construction and mobile performances. It has excellent load-bearing performance, ensuring the stability and safety of the truss system, and is an ideal choice for connecting performance equipment.



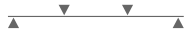


#### Facts

- TüV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

#### Specification

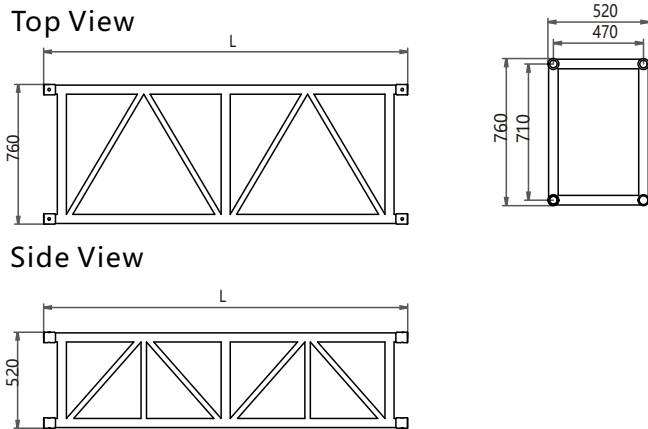
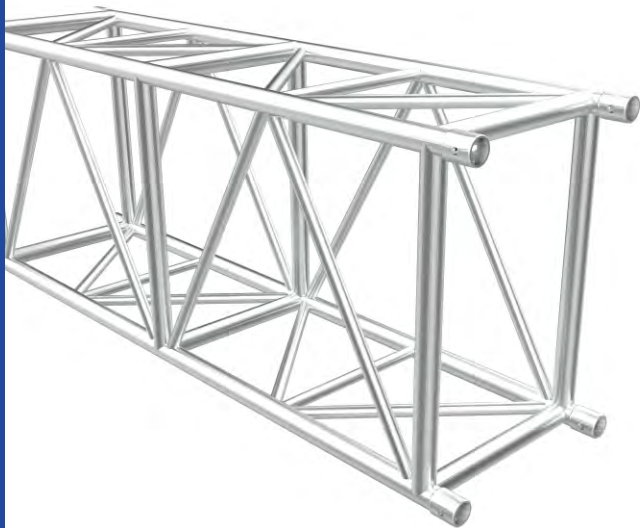
	Metric	Imperial
Height	600mm	23.62 in
Width	600 mm	23.62 in
Main Tube	Φ60 x 5 mm	2.36 x 0.20 in
Vice Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ30 x 3 mm	1.18 x 0.12 in
Weight	~17kg/m	~37.5lbs/m
Connection	Pin connection	
Material	EN AW-6061 T6	

## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
										
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	933	21	3110	22	1866	25	1244	27	1018	30
8	697	37	3098	38	1859	41	1239	43	1014	46
10	495	58	2750	59	1650	62	1100	64	900	67
12	339	83	2260	84	1356	87	904	89	740	92
14	246	113	1913	114	1148	117	765	119	626	122
16	185	148	1644	149	987	152	658	154	538	157
18	143	172	1430	173	858	176	572	178	468	181
20	114	231	1267	232	760	235	507	237	415	240
22	92	256	1124	257	675	260	450	262	368	265
24	75	283	1000	284	600	287	400	289	327	292

\*in meters/ \*\*mm is the deflection of the truss at the given load  
When used as a pillar: maximum height of 18m, maximum loading capacity of 5000kg





The F74 square truss is suitable for max span 24m, 78.74ft in bending stress, usually used as beam truss. The F74 is 520\*760mm W\*H, with Cs6 coupling system, great for high-frequency use or disassembly scenarios requiring higher loading, such as large-scale events, touring, theater, stadium, etc. Using spigot system to achieve fast connection and manufactured according to the DIN EN 1999-1-1& 1999-1-1/A2.

### Facts

- TüV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Wall thickness of 4 mm for 50 mm main tubes

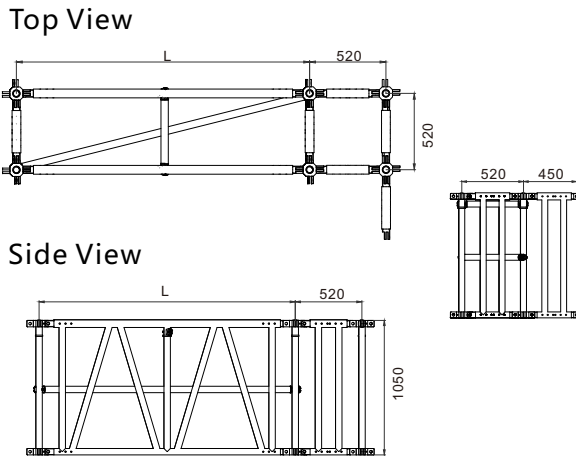
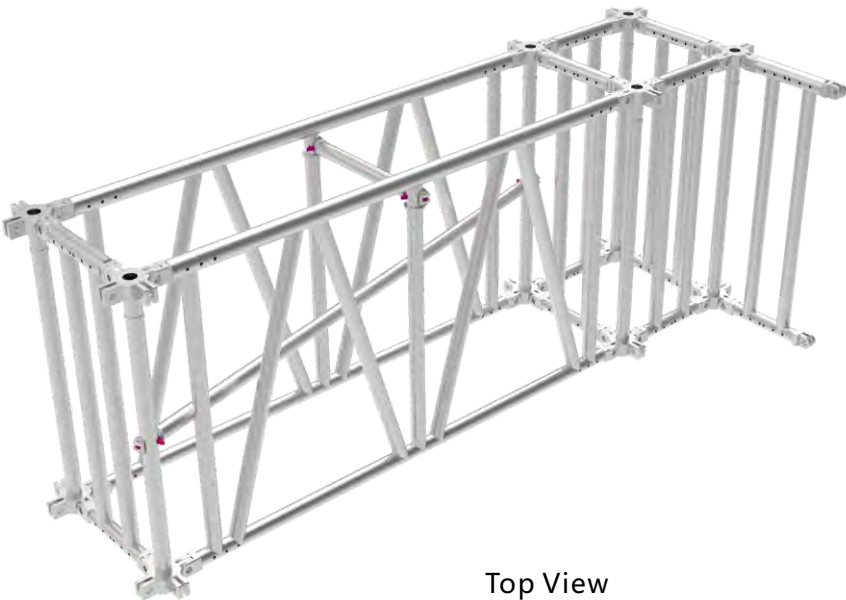
### SPECIFICATIONS

	Metric	Imperial
Height	760 mm	29.9 in
Width	520 mm	20.5 in
Main Tube	Φ50 x 4 mm	1.97 x 0.16 in
Vice Tube	Φ50 x 3 mm	1.97 x 0.12 in
Brace Tube	Φ30 x 3 mm	1.18 x 0.12 in
Weight	~20.50kg/m	~45.20 lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

### Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	1113	16	2516	13	1585	14	1260	15	1048	15
9	588	37	1896	29	1243	31	1023	33	827	35
12	323	65	1504	52	1012	56	847	59	649	62
15	201	102	1230	81	844	87	677	92	527	102
18	134	146	1024	117	714	125	555	132	437	139
21	94	199	862	159	610	169	461	179	366	189
24	68	260	729	208	522	221	386	234	309	247

\*in meters/ \*\*mm is the deflection of the truss at the given load



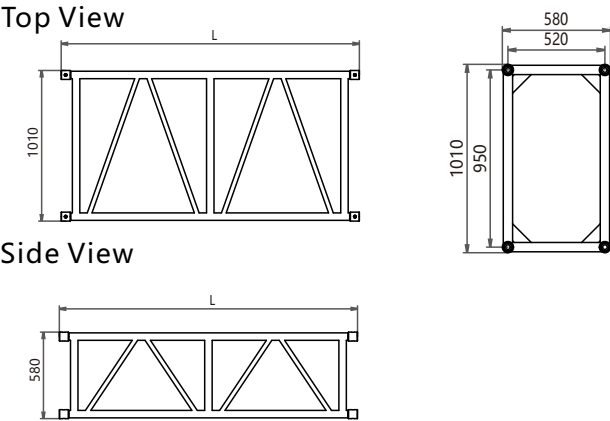
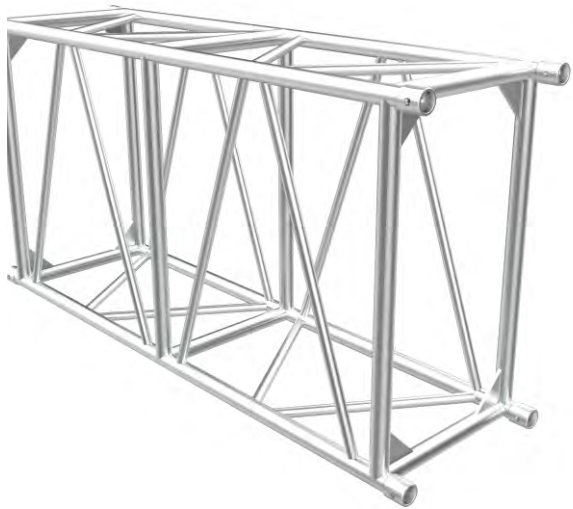
F102B fork end square truss is used as grid structure, ladder truss as main part for extending structure, connected by pin, which makes it convenient for storage and transportation. Shinestage provides various accessories, customized size and shape to offer maximum flexibility for large-scale events. The F102B can be customized as customers required.

### Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	413	2	2277	3	1238	3	826	3	619	3
8	306	6	1731	6	1187	7	815	7	611	7
10	241	11	1356	10	1017	12	678	12	656	12
12	183	18	1101	14	825	18	550	17	459	18
14	131	24	914	20	685	25	457	23	381	24
16	96	32	769	26	577	32	385	30	321	32
18	73	40	653	34	531	41	327	38	272	40
20	56	50	558	42	453	51	279	48	232	50
22	43	60	476	52	387	61	238	58	198	61
24	34	72	406	63	330	73	203	70	168	73
26	26	85	344	75	280	86	172	83	143	86
28	21	100	288	89	236	101	144	97	120	100
30	16	115	238	104	178	116	119	112	99	116

\*These bearing capacity values are only valid when the truss is connected together every 2 meters (bearing capacity values are only valid for single lines)





F104 consists of  $\varnothing 50 \times 5.0$ mm main tube,  $\varnothing 50 \times 3.0$ mm vice tube and  $\varnothing 30 \times 3.0$ mm braces on 4 sides, connected by Cs5 coupling system.

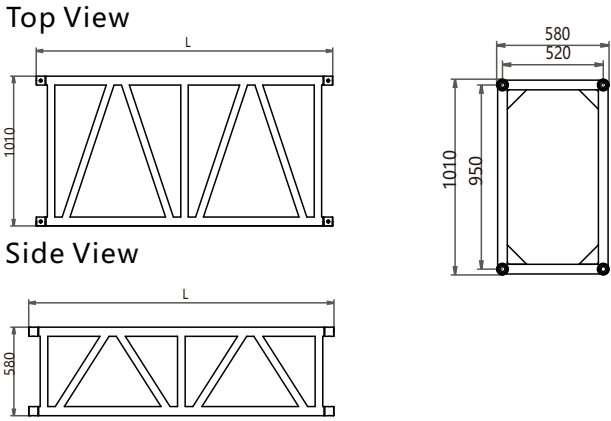
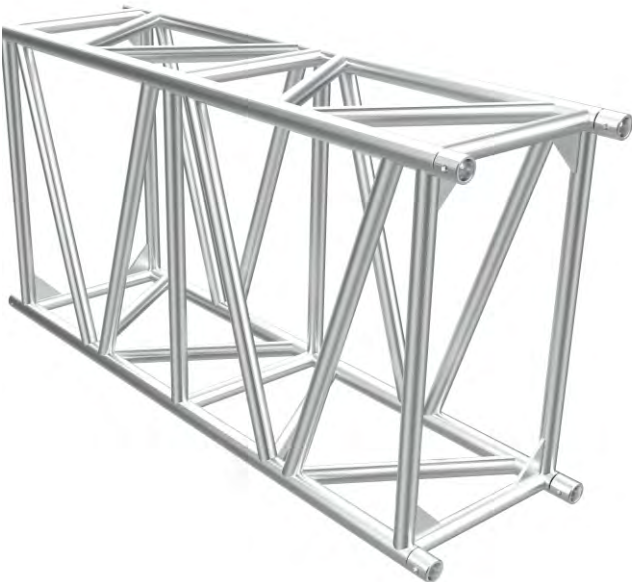
Shinestage supplies truss of standard size or customized size, customized shape like arc and circle, all accessories you need.

Facts		
<ul style="list-style-type: none"> <li>•TüV approved</li> <li>•Also available in any non-standard length and shape</li> <li>•Tolerance free conical connector system</li> </ul>		
SPECIFICATIONS		
Height	Metric 1010 mm	Imperial 39.8 in
Width	Metric 580 mm	Imperial 22.8 in
Main Tube	$\varnothing 50 \times 5$ mm	1.97x 0.20 in
Vice Tube	$\varnothing 50 \times 3$ mm	1.97 x 0.12 in
Brace Tube	$\varnothing 30 \times 3$ mm	1.18 x 0.12 in
Weight	~24.19kg/m	~53.33 lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

### Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
9	934	20	3357	16	2127	17	1698	18	1416	19
12	518	35	2741	28	1786	30	1461	31	1198	33
15	325	55	2299	44	1529	47	1220	50	996	53
18	221	79	1962	63	1328	67	994	71	828	75
21	158	108	1656	86	1163	91	828	97	690	102
24	117	141	1402	113	1026	120	701	127	584	134
27	89	178	1198	142	899	151	599	160	499	169
30	69	220	1030	176	773	187	515	198	429	209
33	54	266	888	213	666	226	444	239	370	252

\*in meters/ \*\*mm is the deflection of the truss at the given load



F104P consists of  $\varnothing 60 \times 5.0$ mm main tube,  $\varnothing 50 \times 3.0$ mm vice tube and  $\varnothing 50 \times 3.0$ mm braces on 4 sides, connected by Cs6 coupling system.

Shinestage supplies truss of standard size or customized size, customized shape like arc and circle, all accessories you need.

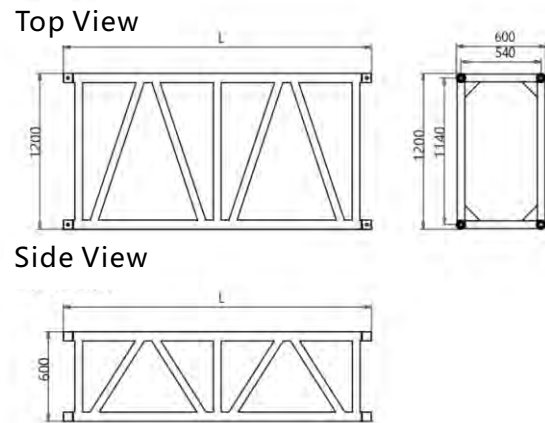
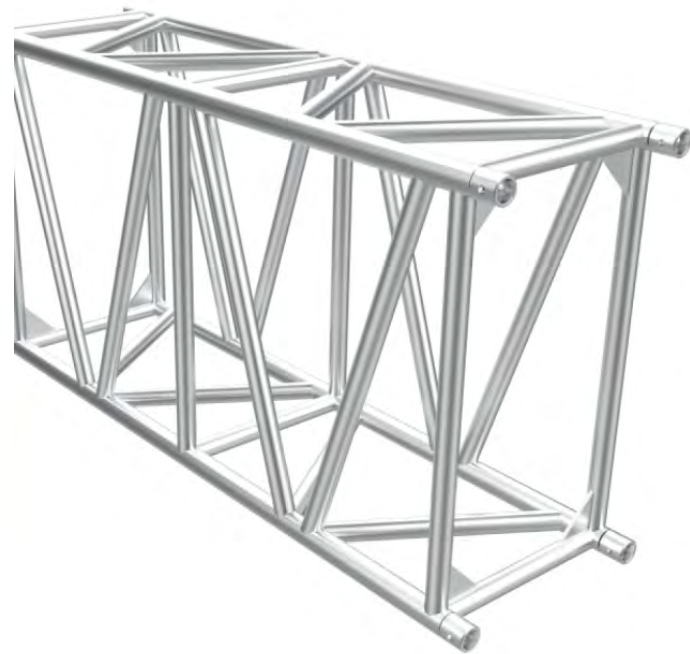
Fact		
<ul style="list-style-type: none"> <li>•TüV approved</li> <li>•Also available in any non-standard length and shape</li> <li>•Tolerance free conical connector system</li> </ul>		
SPECIFICATIONS		
Height	Metric 1010 mm	Imperial 39.76in
Width	Metric 580 mm	Imperial 22.83in
Main Tube	$\varnothing 60 \times 5$ mm	2.36x0.20in
Vice Tube	$\varnothing 50 \times 3$ mm	1.97x0.12in
Brace Tube	$\varnothing 50 \times 3$ mm	1.97x0.12in
Weight	~25kg/m	~ 55.1lbs/m
Connection	Pin connection	
Material	EN AW-6082 T6	

### Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
8	1571	15	6512	13	4884	16	3256	15	2713	16
16	390	64	3118	52	2339	65	1559	61	1299	64
24	161	144	1926	119	1445	147	963	138	803	145
32	80	259	1284	220	963	263	642	249	535	261
38	50	369	955	320	716	374	477	357	398	371
44	32	500	696	445	522	506	348	486	290	503

\*in meters/ \*\*mm is the deflection of the truss at the given load





F124 It's usually used as beam truss for stadium, theatre, hotel, shopping mall, etc. for hanging lighting, or used in concert and music festival.

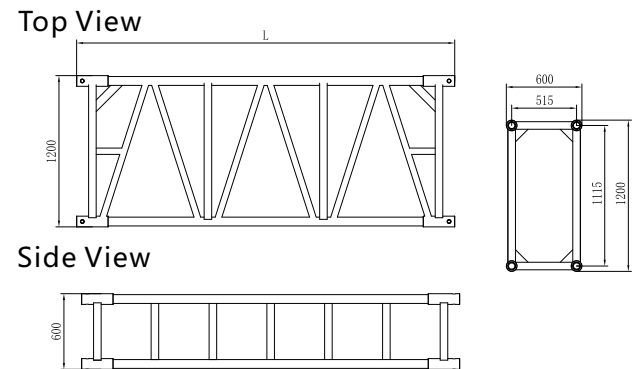
Shinestage provides various accessories, customized size and shape to offer maximum flexibility for large-scale events.The F124 can be customized as customers required.

Fact		
<ul style="list-style-type: none"> <li>•TüV approved</li> <li>•Also available in any non-standard length and shape</li> <li>•Tolerance free conical connector system</li> </ul>		
SPECIFICATIONS		
Height	Metric 1200mm	Imperial 47.24 in
Width	600 mm	23.6 in
Weight	~27kg/m	~ 59.5lbs/m
Connection	Pin Connection	
Material	EN AW-6082 T6	

### Metric loading charts

Пролет	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	кг/м	мм**	кг	мм	кг(2x)	мм	кг(3x)	мм	кг(4x)	мм
8	1728	17	7276	15	5120	16	3638	14	2880	13
16	429	70	3613	63	2542	67	1806	65	1430	62
24	177	158	2237	143	1574	150	1119	148	886	141
32	88	285	1482	256	1043	271	741	269	587	255
38	55	406	1100	365	774	386	550	383	435	363
44	35	542	815	488	574	515	408	510	323	485

*\*in meters/ \*\*mm is the deflection of the truss at the given load*



F124P truss providing superior performance in terms of load-bearing capacity. It is suitable for various types of large events and utilizes the CS85 connection system. Shinestage offers a variety of F124P truss accessories, providing maximum flexibility. This includes standard or custom lengths, circular and arched configurations. The truss can be customized according to customer requirements.

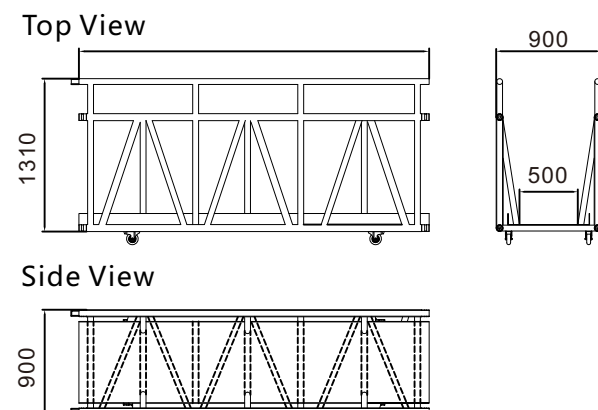
Fact		
<ul style="list-style-type: none"> <li>•TüV approved</li> <li>•Also available in any non-standard length and shape</li> <li>•Tolerance free conical connector system</li> </ul>		
Specification		
Height	Metric 1200mm	Imperial 47.2in
Width	600 mm	23.6 in
Weight	~39kg/m	~86lbs/m
Material	EN AW-6082 T6	
Connection	CS85	

### Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
20	443	80	5259	79	3295	80	2317	78	1857	77
25	232	100	3483	98	2099	99	1487	97	1195	98
30	133	120	2344	119	1446	118	1037	117	819	117
35	82	140	1711	138	1042	136	759	134	593	137
40	53	160	1220	162	773	161	550	160	431	158
45	35	180	938	179	568	178	412	177	331	176

*\*in meters/ \*\*mm is the deflection of the truss at the given load*





Shinstage catwalk trusses are composed of aluminum floors and handrails, creating a safe walking and working environment. It can be used to creat mother grids, work platforms or proscenium of lighting bridges.

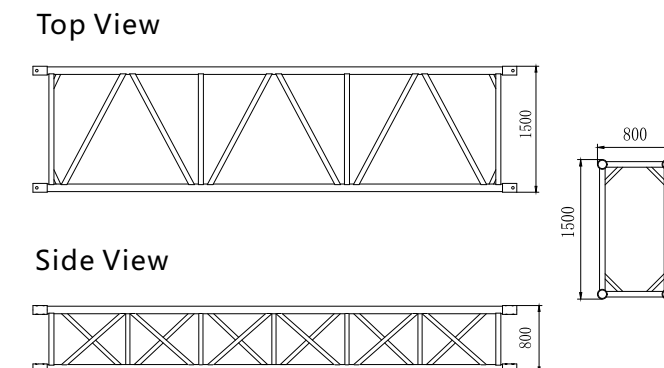
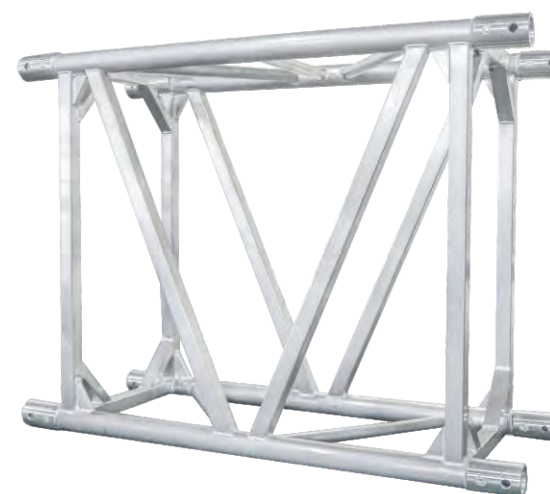
Cameras can be mounted on the catwalk truss to film concert and competition scenes. It can also be used to install radio monitoring equipment, projectors and other equipment to provide service guarantee for exciting activities to achieve the best results.

Facts		
•TüV approved		
•Also available in any non-standard length and shape		
•Tolerance free conical connector system		
Specification		
Height	Metric 1310 mm	Imperial 45in
Width	900 mm	35in
Main Tube	Φ60 x 5mm	2.36x0.197 in
Brace Tube	Φ50 x 3mm	1.97x0.12in
Material	EN AW-6082 T6	

## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
4	1475	1	3189	1	2392	1	1594	1	1329	1
6	694	2	2081	2	1561	2	1040	2	867	2
8	378	4	1513	3	1135	3	757	3	631	3
10	232	6	1162	5	872	5	581	5	484	5
12	153	9	919	7	689	7	459	7	383	7
14	105	12	738	10	553	10	369	10	307	10
16	74	16	595	13	446	13	297	13	248	13
18	53	20	478	16	358	16	239	16	199	16

\*in meters/ \*\*mm is the deflection of the truss at the given load



F154 spigot truss consists of  $\phi 90 \times 7.0$ mm main tube, square vice tube and braces, connected by Cs10 coupling system It's usually used as beam truss for stadium, theater, hotel, shopping mall, etc. for hanging lighting, or used in concert and music festival.

Shinstage provides various accessories, customized size and shape to offer maximum flexibility for large-scale events. The F154PL can be customized as customers required.

Fact		
•TüV approved		
•Also available in any non-standard length and shape		
•Tolerance free conical connector system		
SPECIFICATIONS		
Height	Metric 800mm	Imperial 31.5 in
Width	1500 mm	59.1in
Weight	~47.7kg/m	~105.2 lbs/m
Connection	Pin Connection	
Material	EN AW-6082 T6	

## Metric loading charts

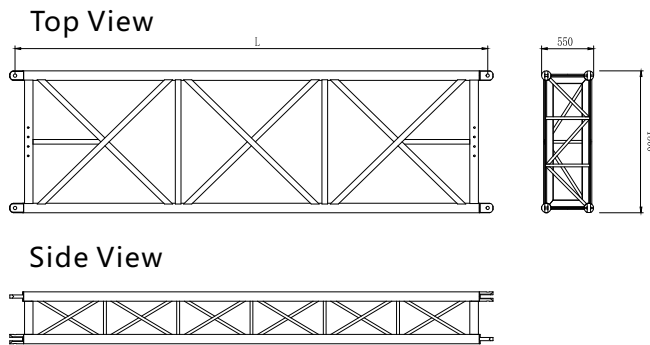
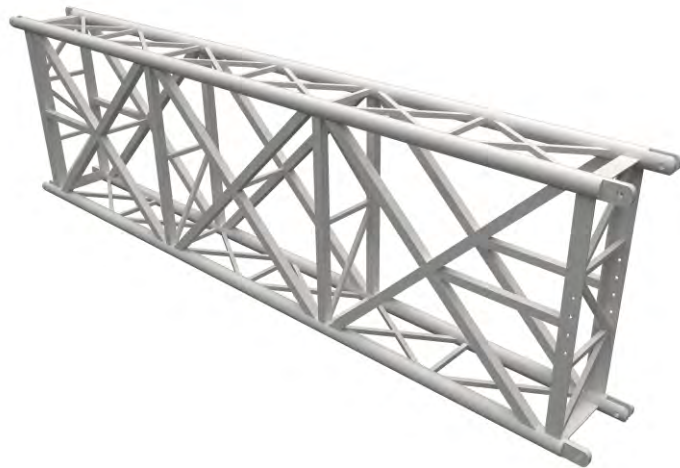
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
24	626	92	8347	93	5008	96	3339	98	2732	101
27	495	120	7425	121	4455	124	2970	126	2430	129
30	370	152	6167	153	3700	156	2467	158	2018	161
33	318	176	5830	177	3498	180	2332	182	1908	185
36	273	216	5460	217	3276	220	2184	222	1787	225
39	237	264	5135	265	3081	268	2054	270	1681	273
42	202	307	4713	308	2828	311	1885	313	1543	316
45	168	352	4200	353	2520	356	1680	358	1375	361
48	138	405	3680	406	2208	409	1472	411	1204	414
51	117	442	3315	443	1989	446	1326	448	1085	451
54	100	477	3000	478	1800	481	1200	483	982	486
57	76	507	2407	508	1444	511	963	513	788	516
60	58	542	1933	543	1160	546	773	548	633	551

\*in meters/ \*\*mm is the deflection of the truss at the given load





# F154B



The F154B truss stands out with its excellent load-bearing performance and is an ideal choice for various large-scale events. It adopts a flat-head connection system to ensure stable and reliable structure. SHINESTAGE provides a rich variety of F154B truss accessories, giving it maximum flexibility and being able to meet the needs of different scenarios. In addition, it can be customized according to the specific requirements of customers. Whether it is size or shape, it can be precisely met. Choose the F154B truss to build a solid, reliable and unique stage structure for your large-scale events and make the events more exciting and unforgettable.

Fact		
• TÜV approved		
• Also available in any non-standard length and shape		
Specification		
Height	Metric 1500mm	Imperial 59.06in
Width	550 mm	21.65 in
Weight	~75kg/m	~165bs/m
Material	EN AW-6082 T6	

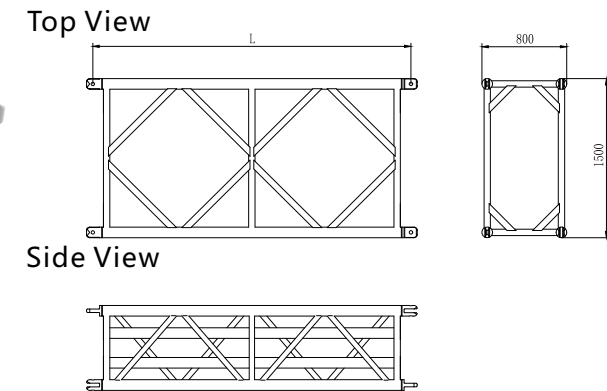
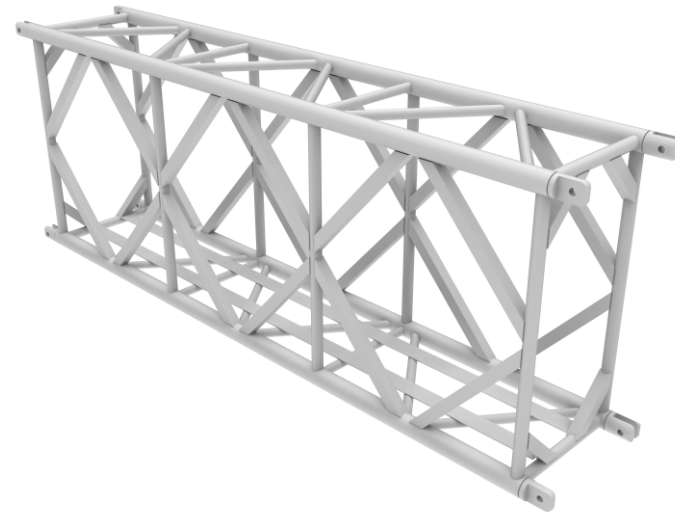
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
20	877	91	8659	77	6338	83	4253	93	3124	81
24	709	147	7564	114	5233	118	3835	142	2816	128
28	540	202	6469	152	4129	154	3416	191	2507	174
32	415	266	5641	200	3570	219	3027	247	2272	236
36	332	338	5079	257	3556	314	2666	309	2111	314
40	250	411	4517	315	3542	409	2306	371	1951	392
44	211	506	4075	390	3169	486	2113	461	1724	471
48	172	601	3631	466	2797	562	1921	552	1498	549
52	141	707	3233	547	2444	644	1735	650	1325	645
56	119	823	2878	633	2114	732	1556	757	1206	757
60	98	939	2524	720	1783	819	1378	865	1087	868

\*in meters/ \*\*mm is the deflection of the truss at the given load

# F154P





The F154P truss stands out with its excellent load-bearing performance and is an ideal choice for various large-scale events. It adopts a flat-head connection system to ensure stable and reliable structure. SHINESTAGE provides a rich variety of F154P truss accessories, giving it maximum flexibility and being able to meet the needs of different scenarios. In addition, it can be customized according to the specific requirements of customers. Whether it is size or shape, it can be precisely met. Choose the F154P truss to build a solid, reliable and unique stage structure for your large-scale events and make the events more exciting and unforgettable.

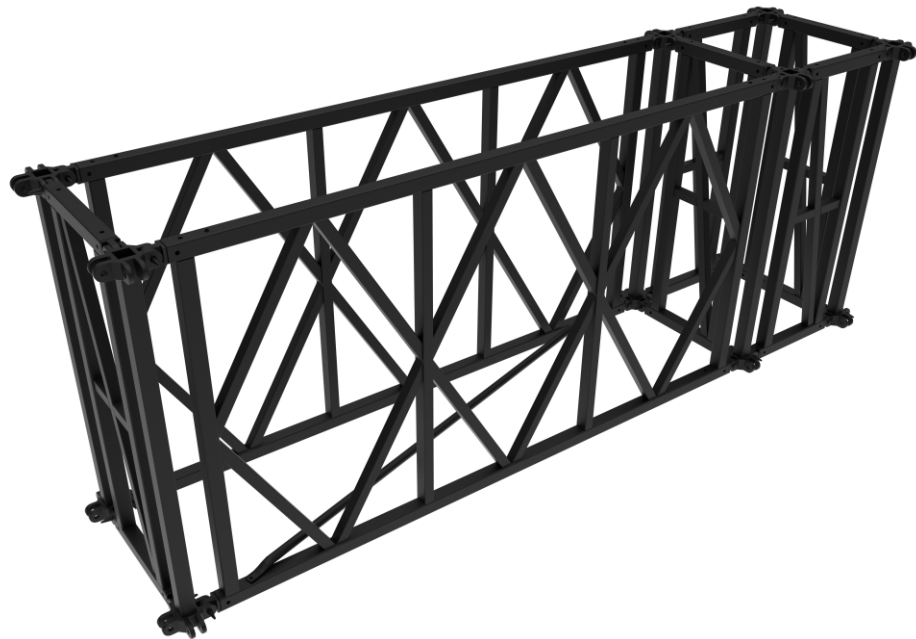
Fact		
• TÜV approved		
• Also available in any non-standard length and shape		
Specification		
Height	Metric 1500mm	Imperial 59.06in
Width	800 mm	31.5 in
Material	EN AW-6082 T6	

## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
20	872	89	9689	90	5813	93	3876	95	3171	98
25	578	116	8028	117	4817	120	3211	122	2627	125
30	400	150	6667	151	4000	154	2667	156	2182	159
35	292	196	5678	197	3407	200	2271	202	1858	205
40	223	261	4956	262	2973	265	1982	267	1622	270
45	175	326	4375	327	2625	330	1750	332	1432	335
50	132	396	3667	397	2200	400	1467	402	1200	405
55	96	456	2933	457	1760	460	1173	462	960	465
60	67	521	2233	522	1340	525	893	527	731	530

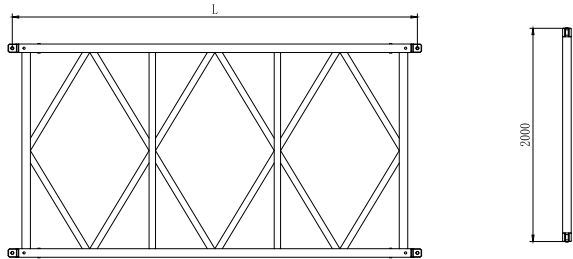
\*in meters/ \*\*mm is the deflection of the truss at the given load



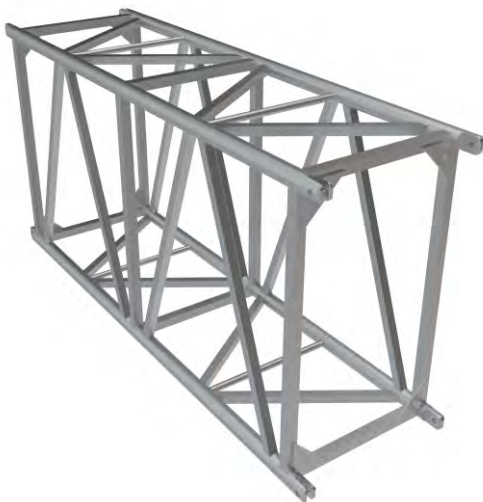


F202 fork end square truss is used as grid structure, ladder truss as main part for extending structure, connected by pin, which makes it convenient for storage and transportation. Shinestage provides various accessories, customized size and shape to offer maximum flexibility for large-scale events.

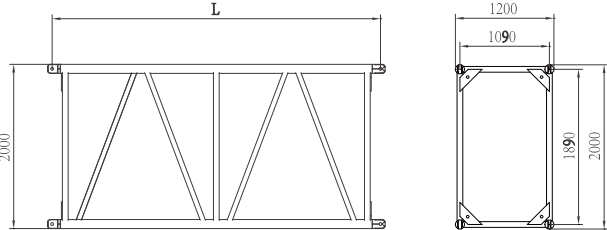
Top View



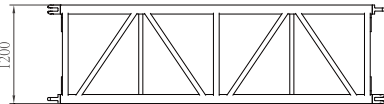
Side View



Top View



Side View



F204 fork end truss, our existing biggest truss, consists of  $\varnothing 100 \times 8.0$ mm main tube, square vice tube and braces, connected by pin. It's usually used as beam truss for stadium, theatre, hotel, shopping mall, etc. for hanging lighting, or used in concert and music festival. Shinestage provides various accessories, customized size and shape to offer maximum flexibility for large-scale events.The F204 can be customized as customers required.

Facts

- TüV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Wall thickness of 10mm for 110 mm main tubes

SPECIFICATIONS

	Metric	Imperial
Height	2000 mm	78.74in
Width	1200 mm	47.24in
Weight	~83kg/m	~183lbs/m
Connection	Pin Connection	
Material	EN AW-6082 T6	

Metric loading charts

Span*	UDL		CPL		1/3Point Load	1/4Point Load	1/5Point Load
	Kg/m	mm**	Kg	mm	Kg(2x)	Kg(3x)	Kg(4x)
27	513	52.8	5540	48.0	3957	3078	2518
30	452	66.3	5422	66.0	3873	3012	2464
33	392	92.4	5168	88.8	3691	2871	2349
36	315	113.4	4536	103.0	3240	2520	2062
39	284	134.4	4423	124.0	3159	2457	2010
42	249	159.9	4188	146.5	2992	2327	1904
45	212	187.5	3807	173.8	2719	2115	1730
48	171	216.3	3283	189.5	2345	1824	1492
51	164	247.5	3342	216.3	2387	1856	1519
54	153	280.2	3305	244.0	2361	1836	1502
57	142	310.5	3242	270.5	2316	1801	1474
60	131	330.6	3132	287.0	2237	1740	1424

\*in meters/ \*\*mm is the deflection of the truss at the given load



# BOLT TRUSS



-S33F-01



-S34F-01 -S44F-01 -S44F-02 -S84S-01



-S44S-01 -S64S-01



-S64L-01 -S44L-01



-S34L-01



-S44L-02



-S54S-01

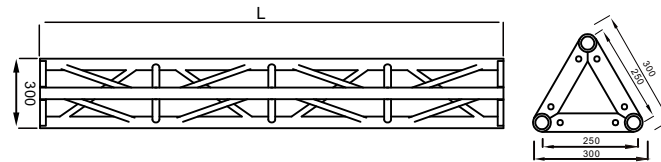




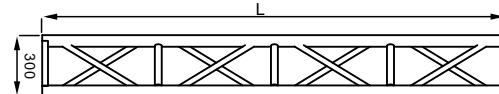
# S33F-01



Top View



Side View



S33F-01 is crafted from aluminum alloy 6061-T6, offering a robust yet lightweight structure specifically designed for exhibition setups and small-scale performance events. Its triangular support framework delivers exceptional stability, making it ideal for truss systems, stage lighting, and booth decorations. With secure load-bearing capacity and quick assembly/disassembly features, it is the perfect choice for event installations.

## Fact

- TÜV approved
- Also available in any non-standard length and shape
- Bolts and nuts connection

## Specifications

	Metric	Imperial
Height	300 mm	11.81 in
Width	300 mm	11.81 in
Main Tube	50 x 3 mm	1.97 x 0.12 in
Vice Tube	30 x 2 mm	1.18 x 0.08 in
Brace Tube	25 x 2 mm	0.98 x 0.08 in
Weight	~7 kg/m	~15.43 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

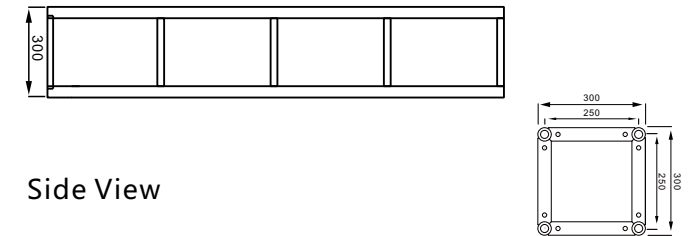
Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	558	8	620	11	372	13	248	14	203	16
4	228	13	507	15	304	16	203	17	166	20
6	117	25	390	29	234	32	156	34	128	31
8	67	46	298	49	179	51	119	55	97	57
10	43	62	239	63	143	66	96	68	78	71

\*in meters/ \*\*mm is the deflection of the truss at the given load

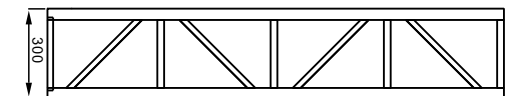
# S34F-01



Top View



Side View



S34F-01 is crafted from aluminum alloy 6061-T6, offering a robust yet lightweight structure specifically designed for exhibition setups and small-scale performance events. Its triangular support framework delivers exceptional stability, making it ideal for truss systems, stage lighting, and booth decorations. With secure load-bearing capacity and quick assembly/disassembly features, it is the perfect choice for event installations.

## Fact

- TÜV approved
- Also available in any non-standard length and shape
- Bolts and nuts connection

## Specifications

	Metric	Imperial
Height	300 mm	11.81 in
Width	300 mm	11.81 in
Main Tube	50 x 3 mm	1.97 x 0.12 in
Vice Tube	30 x 2 mm	1.18 x 0.08 in
Brace Tube	25 x 2 mm	0.98 x 0.08 in
Weight	~6.5 kg/m	~14.33 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	641	10	712	13	427	15	285	16	233	18
4	262	15	582	17	349	18	233	19	191	22
6	134	27	447	31	268	34	179	36	146	33
8	77	52	342	55	205	57	137	61	112	63
10	50	70	278	71	167	74	111	76	91	79

\*in meters/ \*\*mm is the deflection of the truss at the given load

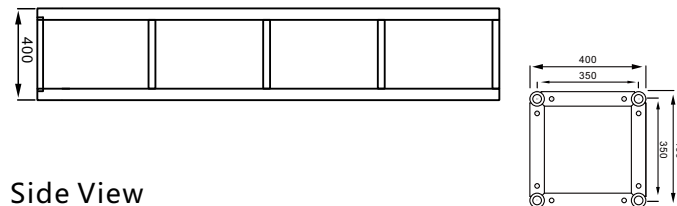




# S44F-01



Top View



Side View

S44F-01 Specially designed for small to medium-sized performances and exhibitions, the 400mm aluminum alloy square truss is made of high-strength 6061-T6 aluminum, offering lightweight yet robust construction, excellent corrosion resistance, and long-lasting durability. The screw-and-nut connection system ensures quick assembly and disassembly, while maintaining a stable and adjustable structure to fit various setup requirements.

Ideal for stage trusses, exhibition stands, lighting frames, and more, it provides reliable load-bearing capacity, safety, and efficiency. Its modular design allows for easy transportation and storage, making it the premium choice for event construction.

## Fact

- TüV approved
- Also available in any non-standard length and shape
- Bolts and nuts connection

## SPECIFICATIONS

	Metric	Imperial
Height	400 mm	15.75 in
Width	400 mm	15.75 in
Main Tube	50 x 3 mm	1.97x 0.12 in
Vice Tube	50 x 2 mm	1.97 x 0.08 in
Brace Tube	25 x 2 mm	0.98 x 0.08 in
Weight	~10kg/m	~22.05 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	795	9	883	12	530	14	353	15	289	17
4	326	18	724	20	435	21	290	22	237	25
6	151	25	503	29	302	32	201	34	165	31
8	92	48	409	51	245	53	164	57	134	59
10	60	65	333	66	200	69	133	71	109	74
12	35	85	233	86	140	89	93	91	76	94

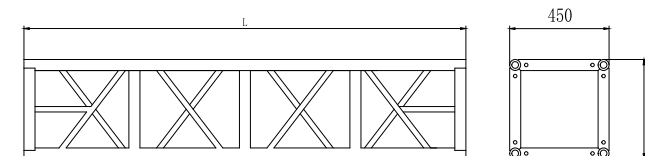
\*in meters/ \*\*mm is the deflection of the truss at the given load

# S44F-02





Top View



Side View

Made of 6061-T6 aviation aluminum, the 450mm widening design increases load-bearing capacity by 30% compared to the conventional 400mm specification, and the single-span load reaches 800kg. The patented anti-loose screw structure realizes rapid disassembly and assembly, which is especially suitable for scenes such as stage trusses and high-altitude booths that require higher strength requirements. The modular unit design is compatible with standard accessories and reduces transportation volume by 35%, making it an ideal solution for medium-sized commercial performances and exhibitions.

## Fact

- TüV approved
- Also available in any non-standard length and shape
- Bolts and nuts connection

## Specification

	Metric	Imperial
Height	450mm	17.7 in
Width	450mm	17.7 in
Main Tube	Φ50 x 3.0 mm	2x 0.12 in
Vice Tube	Φ50 x 2.0 mm	2x 0.12 in
Brace Tube	Φ25 x 2.0mm	1x 0.13in
Weight	~17kg/m	~37.5lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

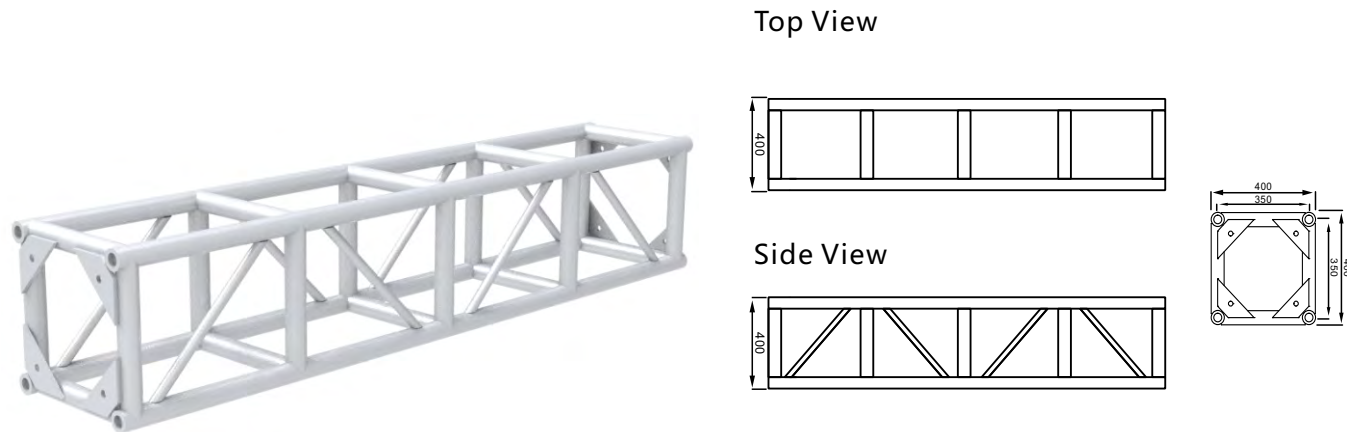
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	350	35	1167	39	700	42	467	44	382	41
8	228	42	1013	45	608	47	405	51	332	53
10	163	51	906	52	543	55	362	57	296	60
12	125	66	833	64	500	66	333	71	273	68
14	98	87	762	85	457	87	305	89	249	86
16	75	116	667	111	400	113	267	115	218	112
18	62	157	620	152	372	155	248	157	203	154
20	47.5	210	550	208	317	210	211	205	173	207

\*in meters/ \*\*mm is the deflection of the truss at the given load





# S44S-01



The S44S-01 is made of high-quality aluminum alloy material, with a larger specification design of 400×400mm, taking into account structural strength and construction efficiency. Selected thickened aluminum profiles and anti-slip screws to ensure the frame is stable and reliable. Suitable for professional scenes such as medium and large exhibitions, stage trusses, etc., providing better load-bearing performance. The modular design supports rapid disassembly and assembly, and is equipped with universal connectors, which can be flexibly expanded and combined. Surface oxidation treatment improves weather resistance and is ideal for professional activities.

Fact		
•TüV approved		
•Also available in any non-standard length and shape		
•Bolts and nuts connection		
SPECIFICATIONS		
Height	Metric 400 mm	Imperial 15.75 in
Width	Metric 400 mm	Imperial 15.75 in
Main Tube	Metric 50 x 3 mm	Imperial 1.97x 0.12 in
Vice Tube	Metric 50 x 2 mm	Imperial 1.97 x 0.08 in
Brace Tube	Metric 25 x 2 mm	Imperial 0.98 x 0.08 in
Weight	~10kg/m	~22.05 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

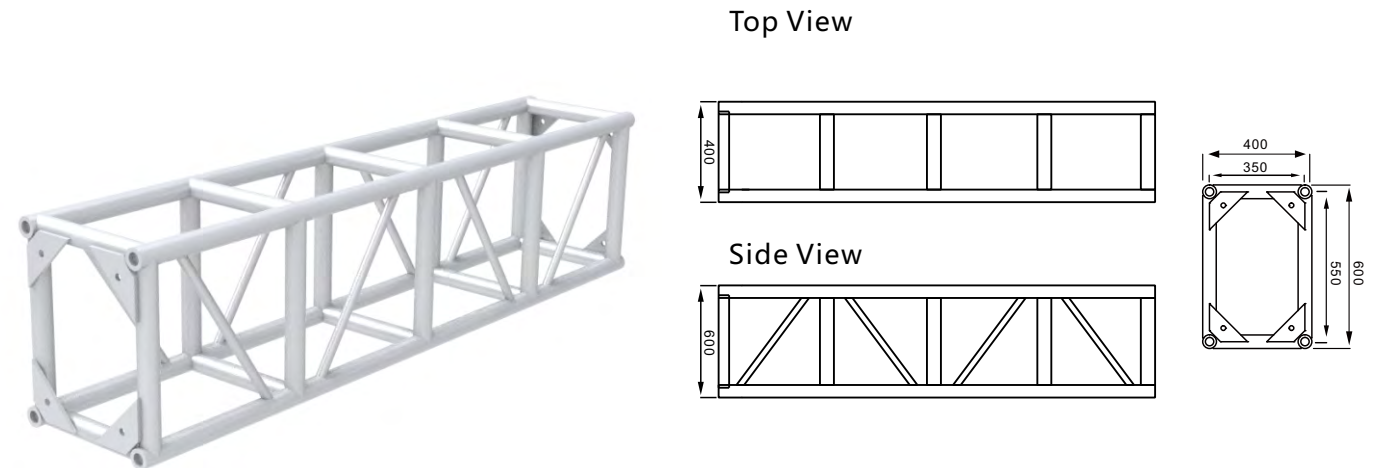
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1278	8	1420	11	852	13	568	14	465	16
4	581	22	1291	24	775	25	516	26	423	29
6	303	35	1010	39	606	42	404	44	331	41
8	153	52	680	55	408	57	272	61	223	63
10	102	74	567	75	340	78	227	80	185	83
12	68	97	453	98	272	101	181	103	148	106
14	47	123	366	124	219	127	146	129	120	132
16	32	153	284	154	171	157	114	159	93	162

\*in meters/ \*\*mm is the deflection of the truss at the given load

# S64S-01





The S64S-01 is made of high-quality aluminum alloy material, with a larger specification design of 600×400mm, taking into account structural strength and construction efficiency. Selected thickened aluminum profiles and anti-slip screws to ensure the frame is stable and reliable. Suitable for professional scenes such as medium and large exhibitions, stage trusses, etc., providing better load-bearing performance. The modular design supports rapid disassembly and assembly, and is equipped with universal connectors, which can be flexibly expanded and combined. Surface oxidation treatment improves weather resistance and is ideal for professional activities.

Fact		
• TüV approved		
• Also available in any non-standard length and shape		
• Bolts and nuts connection		
SPECIFICATIONS		
Height	Metric 600 mm	Imperial 23.62 in
Width	Metric 400 mm	Imperial 15.75 in
Main Tube	Metric 50 x 3 mm	Imperial 1.97x 0.12 in
Vice Tube	Metric 50 x 2 mm	Imperial 1.97 x 0.08 in
Brace Tube	Metric 25 x 2 mm	Imperial 0.98 x 0.08 in
Weight	~12kg/m	~26.46 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

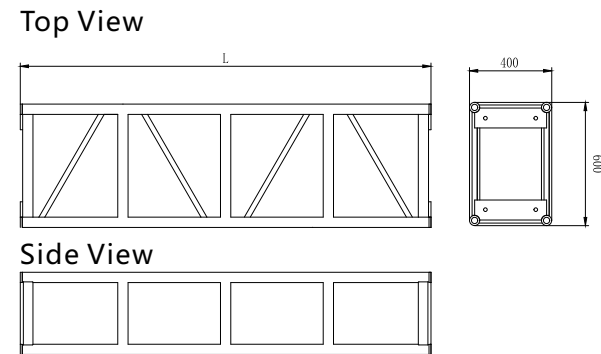
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1410	5	1567	8	940	10	627	11	513	13
4	618	12	1373	14	824	15	549	16	449	19
6	397	20	1323	24	794	27	529	29	433	26
8	263	33	1169	36	701	38	468	42	383	44
10	182	56	1011	57	607	60	404	62	331	65
12	128	81	853	82	512	85	341	87	279	90
14	99	101	770	102	462	105	308	107	252	110
16	77	124	684	125	411	128	274	130	224	133
18	60	144	600	145	360	148	240	150	196	153
20	49	167	544	168	327	171	218	173	178	176

\*in meters/ \*\*mm is the deflection of the truss at the given load





# S64L-01



The S64L-01 aluminum plate screw holder is made of high-quality aluminum alloy, and the structure is light and sturdy. Standard specifications and screw connection design are easy to install and disassemble, meeting the construction needs of various small and medium-sized activities. Suitable for exhibitions, small stages and other scenarios, it has reliable load-bearing performance and stability. The modular design is easy to combine and adjust, the lightweight material is easy to handle, and it can be reused and economical and environmentally friendly. It is an ideal choice for commercial activities, temporary booths and other occasions, taking into account practicality and building efficiency.

Fact		
•TüV approved		
•Also available in any non-standard length and shape		
•Bolts and nuts connection		
SPECIFICATIONS		
Height	Metric 600 mm	Imperial 23.62 in
Width	400 mm	15.75 in
Main Tube	50 x 3 mm	1.97x 0.12 in
Vice Tube	50 x 2 mm	1.97 x 0.08 in
Brace Tube	25 x 2 mm	0.98 x 0.08 in
Weight	~12kg/m	~27.59 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

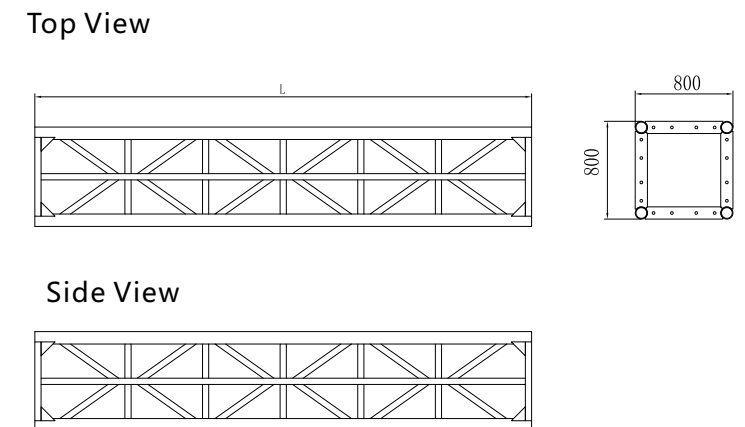
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1523	6	1692	9	1015	11	677	12	554	14
4	667	13	1482	15	889	16	593	17	485	20
6	429	19	1430	23	858	26	572	28	468	25
8	284	30	1262	33	757	35	505	39	413	41
10	182	54	1011	55	607	58	404	60	331	63
12	140	79	933	80	560	83	373	85	305	88
14	108	102	840	103	504	106	336	108	275	111
16	85	126	756	127	453	130	302	132	247	135
18	66	150	660	151	396	154	264	156	216	159
20	54	171	600	172	360	175	240	177	196	180

\*in meters/ \*\*mm is the deflection of the truss at the given load

# S84S-01





The S84S-01 is made of high-quality aluminum alloy material, with a larger specification design of 800×800mm, taking into account structural strength and construction efficiency. Selected thickened aluminum profiles and anti-slip screws to ensure the frame is stable and reliable. Suitable for professional scenes such as medium and large exhibitions, stage trusses, etc., providing better load-bearing performance. The modular design supports rapid disassembly and assembly, and is equipped with universal connectors, which can be flexibly expanded and combined. Surface oxidation treatment improves weather resistance and is ideal for professional activities.

Specification		
	Metric	Imperial
Height	800mm	31.50in
Width	800 mm	31.50 in
Main Tube	φ100x6mm	3.94x0.24 in
Vice Tube	50x75x4mm	1.97x2.95x0.16 in
	50x50x3mm	1.97x1.97x0.12 in
Brace Tube	50x50x3mm	1.97x1.97x0.12 in
Weight	60kg/m	~132bs/m
Material	EN AW-6082 T6	

## Metric loading charts

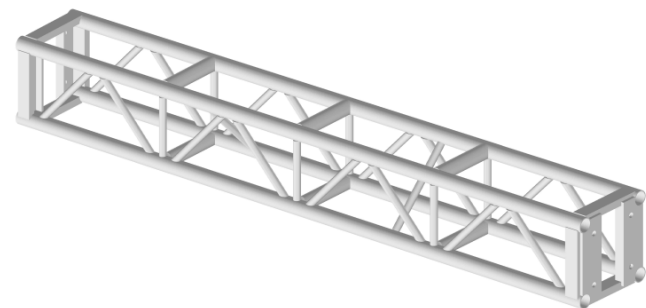
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
10	1150	37	6389	38	3833	41	2556	43	2091	46
12	913	52	6087	53	3652	56	2435	58	1992	61
14	745	64	5794	65	3477	68	2318	70	1896	73
16	610	74	5422	75	3253	78	2169	80	1775	83
18	522	83	5220	84	3132	87	2088	89	1708	92
20	443	91	4922	92	2953	95	1969	97	1611	100
22	378	100	4620	101	2772	104	1848	106	1512	109
24	323	112	4307	113	2584	116	1723	118	1409	121
26	284	126	4102	127	2461	130	1641	132	1343	135
28	247	142	3842	143	2305	146	1537	148	1257	151
30	220	162	3667	163	2200	166	1467	168	1200	171

\*in meters/ \*\*mm is the deflection of the truss at the given load  
As a pillar: up to 24m, maximum loading capacity of 8000kg

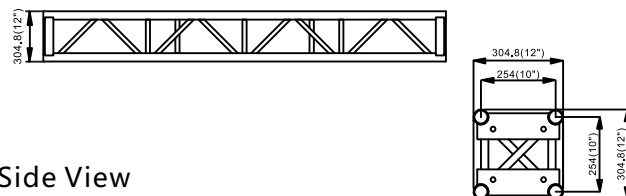




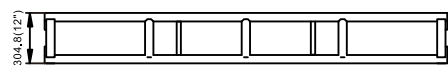
# S34L-01



Top View



Side View



S34L-01 aluminum plate bolt truss is suitable for small to medium-sized events and performances, and can be used for additional suspension points. Its durability and strength are designed specifically for high-frequency use or installation that requires higher loads. It is suitable for rental, tourism, and exhibition companies. The truss can be customized according to customer requirements.

#### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Bolts and nuts connection

#### Specification

	Metric	Imperial
Height	304.8mm	12in
Width	304.8 mm	12 in
Main Tube	50.8 x 3.2 mm	2x0.13 in
Braces	50.8 x 3.2 mm	2x0.13 in
Braces	25.4x 3.2 mm	1x0.13 in
Connection Material	Bolts and nuts EN AW-6061 T6	

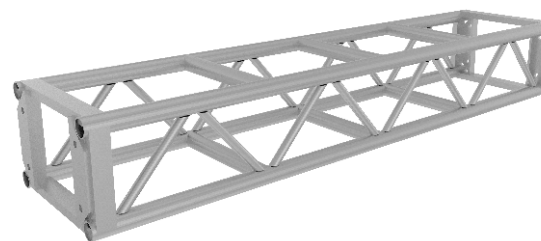
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1100	3	880	2.5	629	3.5	489	3.5	400	4
4	530	7.5	848	6	606	8	471	9	385	9.5
6	269	18	646	17	461	20	359	22	293	23
8	145	45	464	43	331	45	258	46	211	46.5
10	75	56	300	53	214	56	167	58	136	59
12	45	67.8	216	66	154	68	120	69	98	69.5

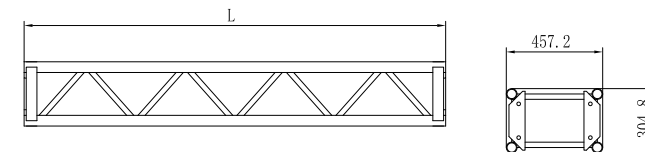
\*in meters/ \*\*mm is the deflection of the truss at the given load

# S44L-01

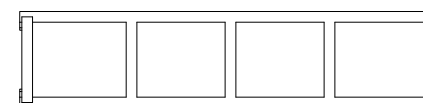




Top View



Side View



S44L-01 integrated aluminum plate bolt truss has more horizontal support and can be used for additional suspension points. Its durability and strength are designed specifically for high-frequency use or installation that requires higher loads. It is suitable for rental, tourism, and exhibition companies. The truss can be customized according to customer requirements.

#### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Bolts and nuts connection

#### Specification

	Metric	Imperial
Height	304.8mm	12in
Width	457.2 mm	18 in
Main Tube	50.8 x 3.2 mm	2x0.13 in
Vice Tube	50.8 x 3.2 mm	2x0.13 in
Brace Tube	25.4x 3.2 mm	1x0.13 in
End Tube plates	50.8x25.4x3.2mm 9.5mm	2x1x0.13in 0.38in
Connection Material	Bolts and nuts EN AW-6061 T6	

## Metric loading charts

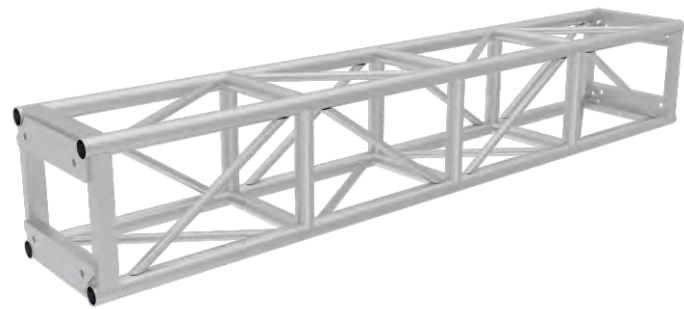
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1150	4	920	3	657	4	511	4	418	4.5
4	545	8	872	6.7	623	8.7	484	9.7	396	10.2
6	281	18	674	17	482	20	375	22	307	23
8	153	47	490	45	350	47	272	48	223	48.5
10	81	55	324	53	231	56	180	58	147	59
12	50	69	240	67	171	69	133	70	109	71

\*in meters/ \*\*mm is the deflection of the truss at the given load

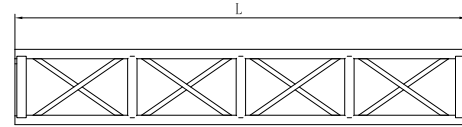




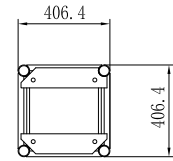
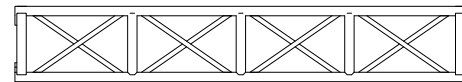
# S44L-02



Top View



Side View



S44L-02 integrated aluminum plate bolt truss has more horizontal support and can be used for additional suspension points. Its durability and strength are designed specifically for high-frequency use or installation that requires higher loads. It is suitable for rental, tourism, and exhibition companies. The truss can be customized according to customer requirements.

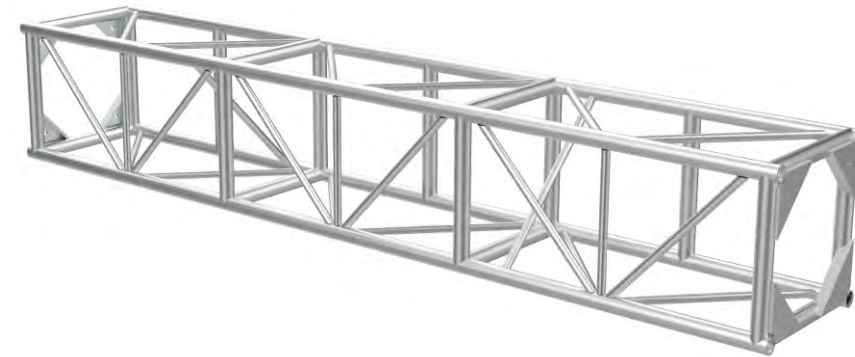
Facts		
•TüV approved		
•Also available in any non-standard length and shape		
•Tolerance free conical connector system		
Specification		
Height	Metric 406.4mm	Imperial 16in
Width	Metric 406.4 mm	Imperial 16 in
Main Tube	Metric 50.8 x 3.2 mm	Imperial 2x0.13 in
Vice Tube	Metric 50.8 x 3.2 mm	Imperial 2x0.13 in
Brace Tube	Metric 25.4x 3.2 mm	Imperial 1x0.13 in
Weight	~12kg/m	26.5 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

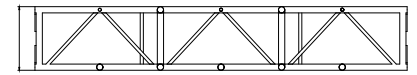
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1340	4	1072	3	766	4	596	4	487	4.5
4	610	10	976	9.5	697	11.5	542	12.5	444	13
6	323	17	775	16	554	19	431	21	352	22
8	187	28	598	26	427	28	332	29	272	30
10	126	37	504	35	360	38	280	40	229	41
12	84	46	403	44	288	46	224	47	183	48
14	67	63	375	60	268	62	208	63	171	64
16	52	76	333	74	238	77	185	78	151	79.5

\*in meters/ \*\*mm is the deflection of the truss at the given load

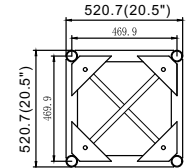
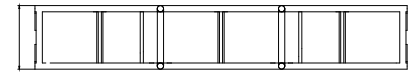
# S54S-01



Top View



Side View



S54S-01 aluminum plate bolt truss is suitable for small to medium-sized events and performances, and can be used for additional suspension points. Its durability and strength are designed specifically for high-frequency use or installation that requires higher loads. It is suitable for rental, tourism, and exhibition companies. The truss can be customized according to customer requirements.

Facts		
•TüV approved		
•Also available in any non-standard length and shape		
•Tolerance free conical connector system		
Specification		
Height	Metric 520.7mm	Imperial 20.5in
Width	Metric 520.7 mm	Imperial 20.5 in
Main Tube	Metric 50.8 x 3.2 mm	Imperial 2x0.13 in
Vice Tube	Metric 50.8 x 3.2 mm	Imperial 2x0.13 in
Brace Tube	Metric 25.4x 3.2 mm	Imperial 1x0.13 in
Weight	~15kg/m	33.1 lbs/m
Connection	Bolts and nuts	
Material	EN AW-6061 T6	

## Metric loading charts

Span*跨度*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
2	1630	3	1304	2	931	3	724	3	593	3.5
4	978	7	1565	6	1118	8	869	9	711	10
6	464	11.7	1114	10	795	13	619	15	506	16
8	260	26	832	24	594	26	462	27	378	28
10	180	35	720	33	514	36	400	38	327	39
12	132	50	634	47	453	49	352	50	288	51
14	97	63	543	61	388	63	302	64	247	65
16	73	75	467	73	334	76	260	77	212	78.5
18	54	87	389	86	278	89	216	90	177	92
20	43	102	344	100	246	103	191	104	156	106

\*in meters/ \*\*mm is the deflection of the truss at the given load



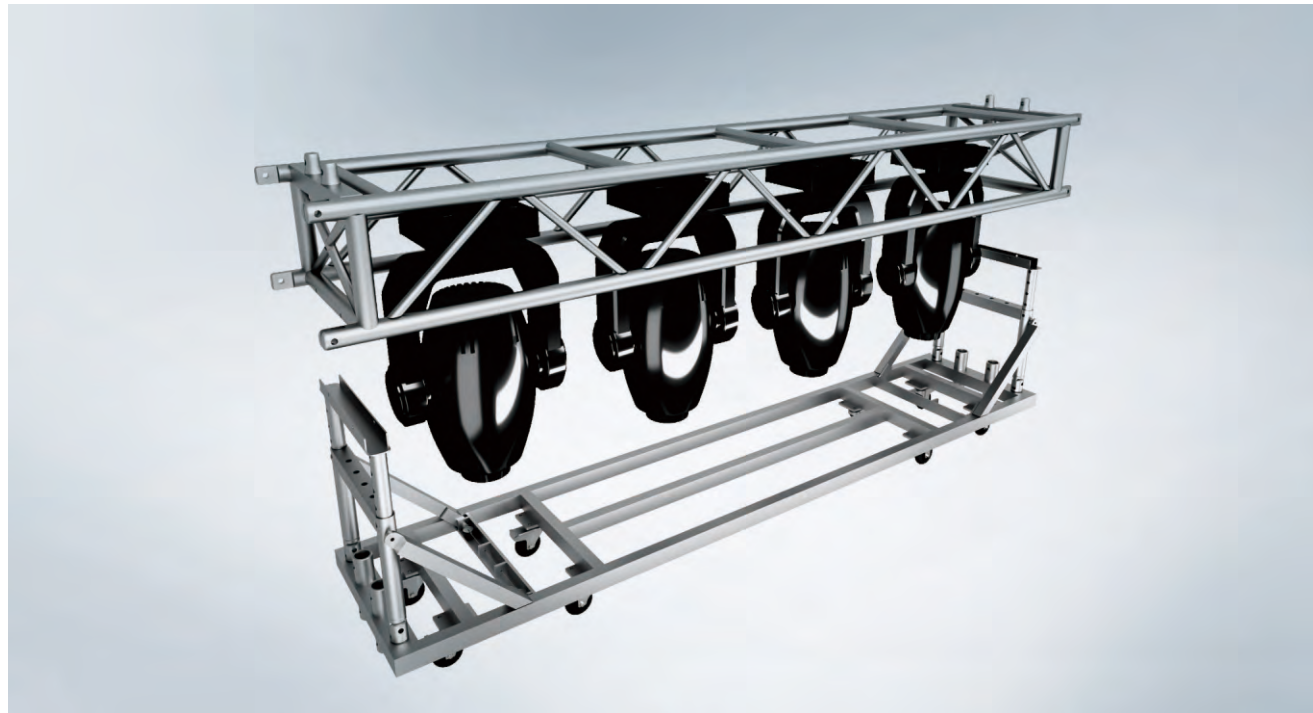


# PRE-RIG TRUSS

☒ -PRT-01 -PRT-02 -PRT-03

☐ -RPC01





## PRT-01

Shinestage Lighting Pre-Rig Truss is a patent truss, 14" high, 24" or 30" wide, with an open bottom. It is available in black or silver, in multiple lengths, such as 4ft, 6ft, 8ft, 10ft.

Advantages as below:

1. 360° rotating fork end connection.
2. cart with folding design, saving the warehousing space and cost.
3. visualized holes alignment for adjustable rigging.
4. easy to extend in different shapes and angles.
5. easy to handle and transportation. no need additional flight case or cart
6. install lighting in the warehouse in advance or quickly installed on site, saving labor cost.
7. adopting quick connection system, conforming to DIN EN 1999-1-1 and 1999-1-1/A2 standards, ensuring the stability and safety of the structure.

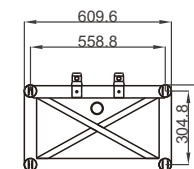


### Facts

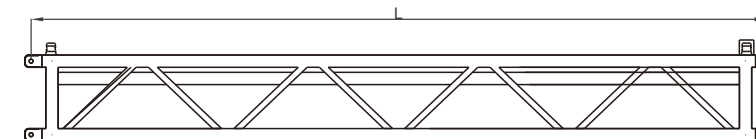
- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

### Specification

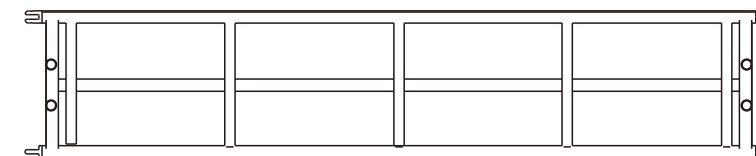
	Metric	Imperial
Height	355.6mm	14in
Width	609.6 mm	24 in
Main Tube	50.8 x 3.2 mm	2x0.13 in
Vice Tube	25.4 x 3.2 mm	1x0.13 in
Weight	~15kg/m ~8kg/m(cart)	~33.1lbs/m ~17.6lbs/m
Material	EN AW-6061 T6	



Top View



Side View



## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
4	1141	13	2315	11	1736	12	1157	13	964	14
6	501	30	1502	24	1126	26	751	27	626	29
8	271	53	1083	44	812	46	541	49	451	51
10	164	83	821	69	616	72	411	76	342	80
12	106	120	639	101	479	106	319	111	266	116
14	72	163	501	139	376	145	251	151	209	157
16	49	213	392	185	294	192	196	199	163	206
18	34	270	301	239	226	247	151	255	126	263



Y50LKB

Material : EN-AW 6061-T6



Y50BPT

Material : EN-AW 6061-T6



Y50HIG

Material : EN-AW 6061-T6



Y50BKC

Material : EN-AW 6061-T6



Y50BRT

Material : EN-AW 6061-T6



Y50CAL

Material : EN-AW 6061-T6

\*in meters/ \*\*mm is the deflection of the truss at the given load





## PRT-02

Shinestage's LED screen pre-rig truss , adjustable height from 43 - 53 " ,with an open bottom, available in black or silver color, and in a variety of lengths to meet different needs.

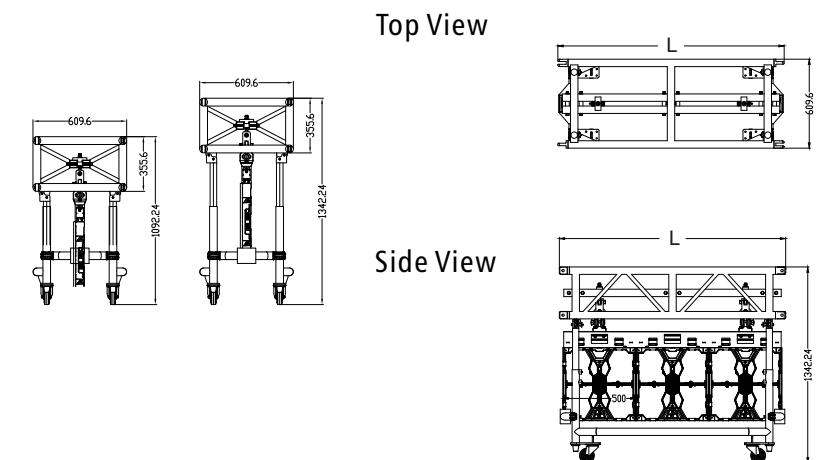
1. The trolley is detachable, saving storage space and easy to store.
2. Easy to move and transport, no need for extra carts, improve work efficiency.
3. The LED screen can be installed in the warehouse in advance or quickly installed on site, saving valuable time.
4. Adopting quick connection system, conforming to DIN EN 1999-1-1 and 1999-1-1/A2 standards, ensuring the stability and safety of the structure.
5. Ideal for touring and various venues, flexible enough to cope with the needs of different events.

### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

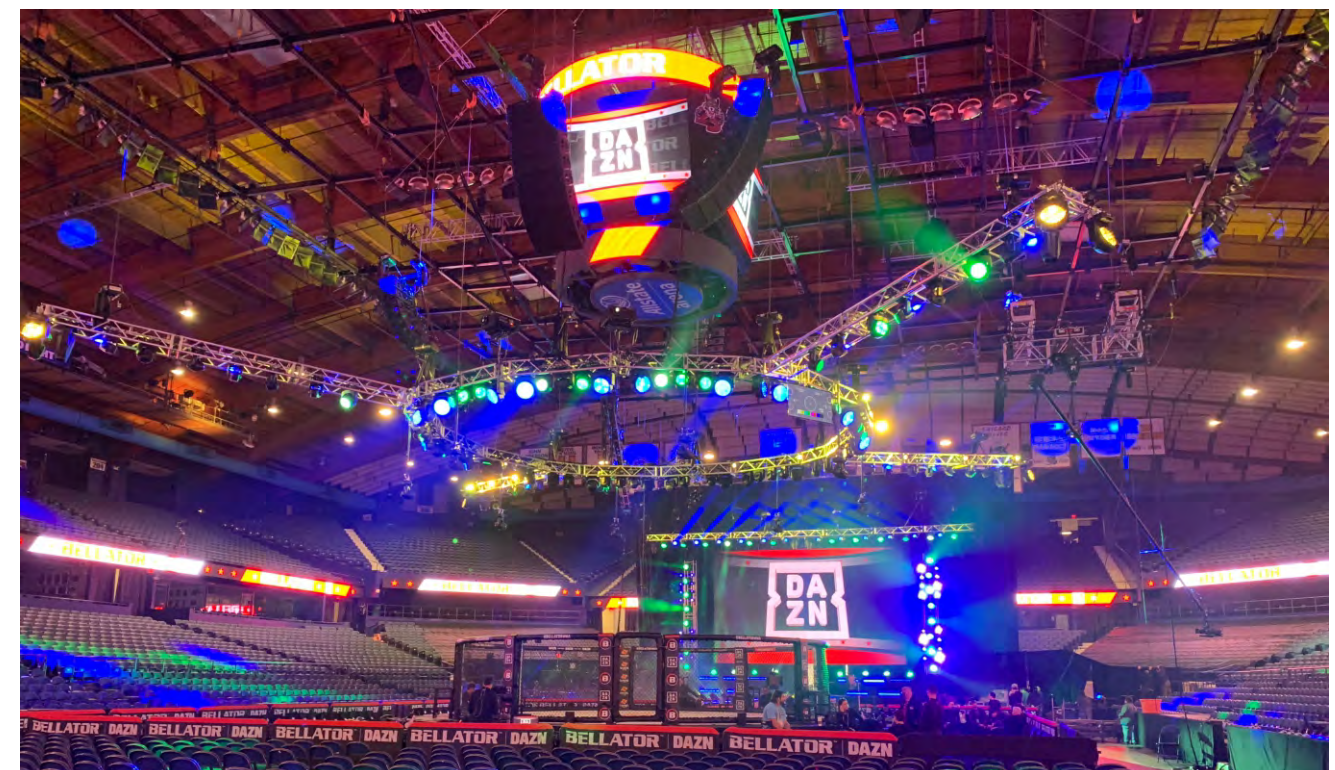
### Specification

	Metric	Imperial
Height	355.6mm	14in
Width	609.6 mm	24 in
Main Tube	50.8x3.2 mm	2x0.13 in
Vice Tube	50.8x50.8x3.2mm	2x2x0.13 in
Brace Tube	25.4x3.2 mm	1x0.13 in
Weight	~23kg/m ~7kg/m(cart)	~50.7lbs/m ~15.4lbs/m
Material	EN AW-6061 T6	

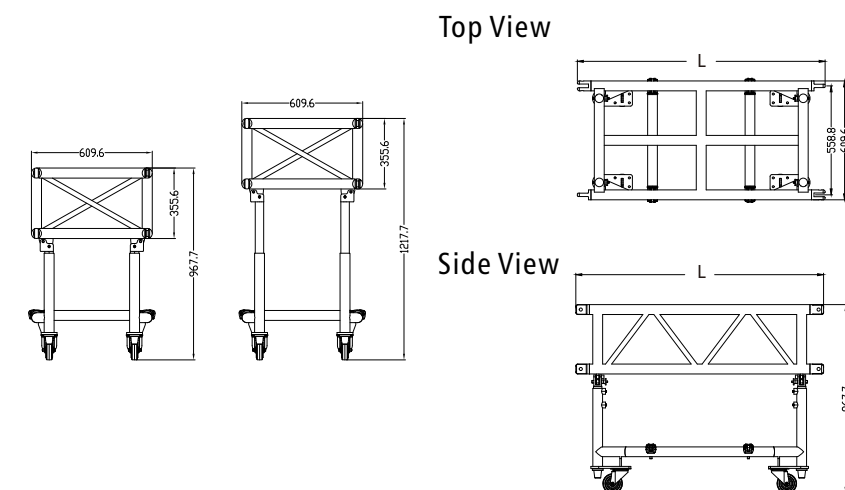


## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
4	1141	13	2315	11	1736	12	1157	13	964	14
6	501	30	1502	24	1126	26	751	27	626	29
8	271	53	1083	44	812	46	541	49	451	51
10	164	83	821	69	616	72	411	76	342	80
12	106	120	639	101	479	106	319	111	266	116
14	72	163	501	139	376	145	251	151	209	157
16	49	213	392	185	294	192	196	199	163	206
18	34	270	301	239	226	247	151	255	126	263







## PRT-03

Shinestage's economical lighting pre-rig truss, adjustable height from 38 - 48 ", with an open bottom, available in black or silver color, and in a variety of lengths (4 ft, 8 ft, 10 ft) to meet different needs.

- 360° swivel joint.
- The trolley is detachable, saving storage space and easy to store.
- Easy to move and transport, no need for extra carts, improve work efficiency.
- The lighting can be installed in the warehouse in advance or quickly installed on site, saving valuable time.
- Ideal for touring and various venues, adopting quick-connect system in accordance with DIN EN 1999-1-1 and 1999-1-1/A2 standards to ensure stability and safety.

Facts		
• TÜV approved		
• Also available in any non-standard length and shape		
• Tolerance free conical connector system		
Specification		
	Metric	Imperial
	Height	355.6mm
	Width	609.6 mm
	Main Tube	50.8x 3.2mm
	Vice Tube	50.8x50.8x3.2mm
	Brace Tube	25.4x3.2mm
	Weight	~14kg/m
		~8kg/m(cart)
	Material	EN AW-6061 T6

## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
4	1141	13	2315	11	1736	12	1157	13	964	14
6	501	30	1502	24	1126	26	751	27	626	29
8	271	53	1083	44	812	46	541	49	451	51
10	164	83	821	69	616	72	411	76	342	80
12	106	120	639	101	479	106	319	111	266	116
14	72	163	501	139	376	145	251	151	209	157
16	49	213	392	185	294	192	196	199	163	206
18	34	270	301	239	226	247	151	255	126	263







The light cart is 56.7" long, 29.5" wide, folding height 23", maximum stretched hieght 45.3". The original intention of developing a lighting carts is to store lights, save space and cost of warehousing and transportation, and facilitate the installation of lights on site. After installing the lights, the cart can be folding and stacked to save storage space. It's available in natural silver, black painting and powder coating black.

- Facts
- TUV approved
  - Also available in any non-standard length and shape
  - Tolerance free conical connector system

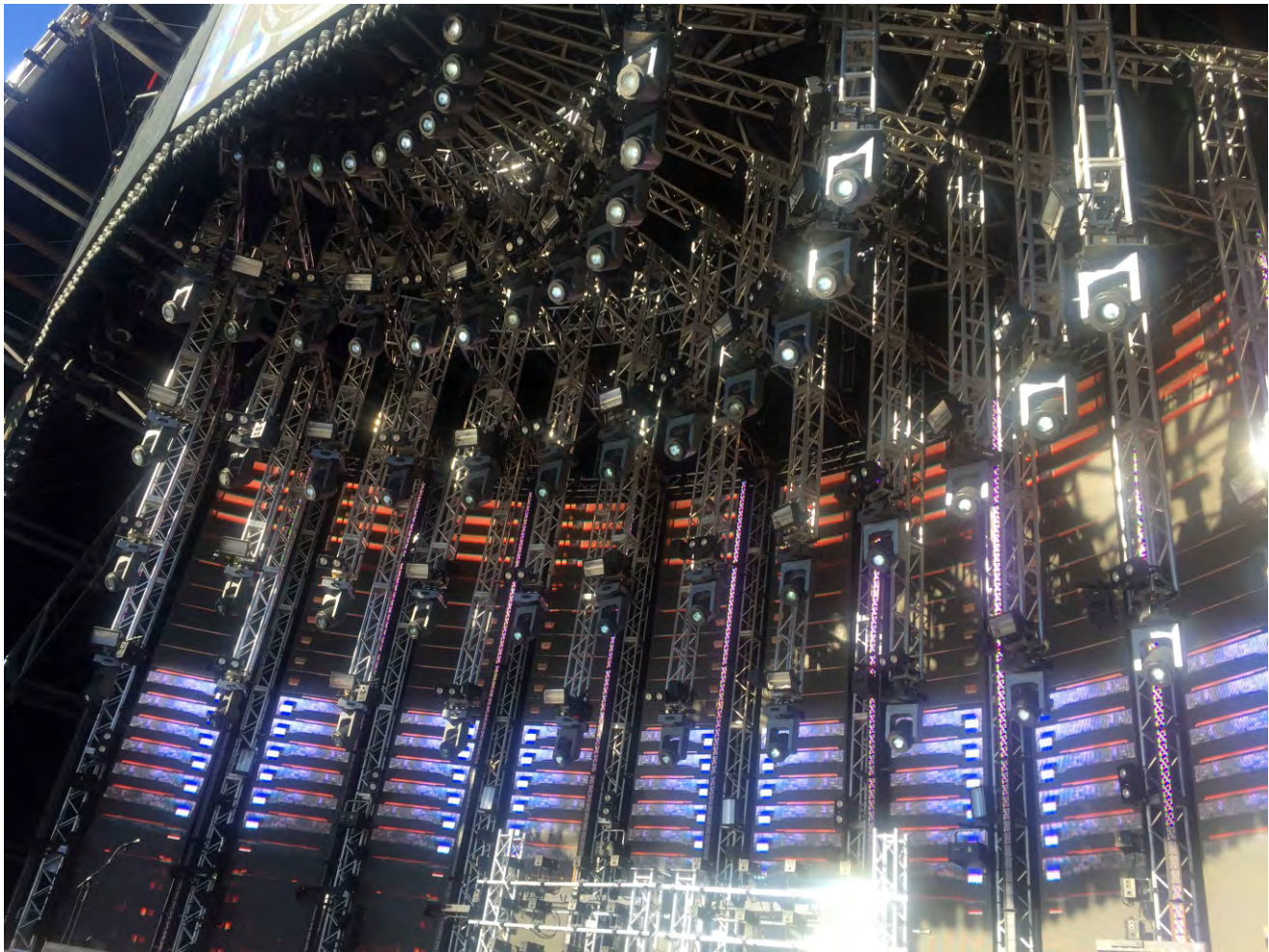
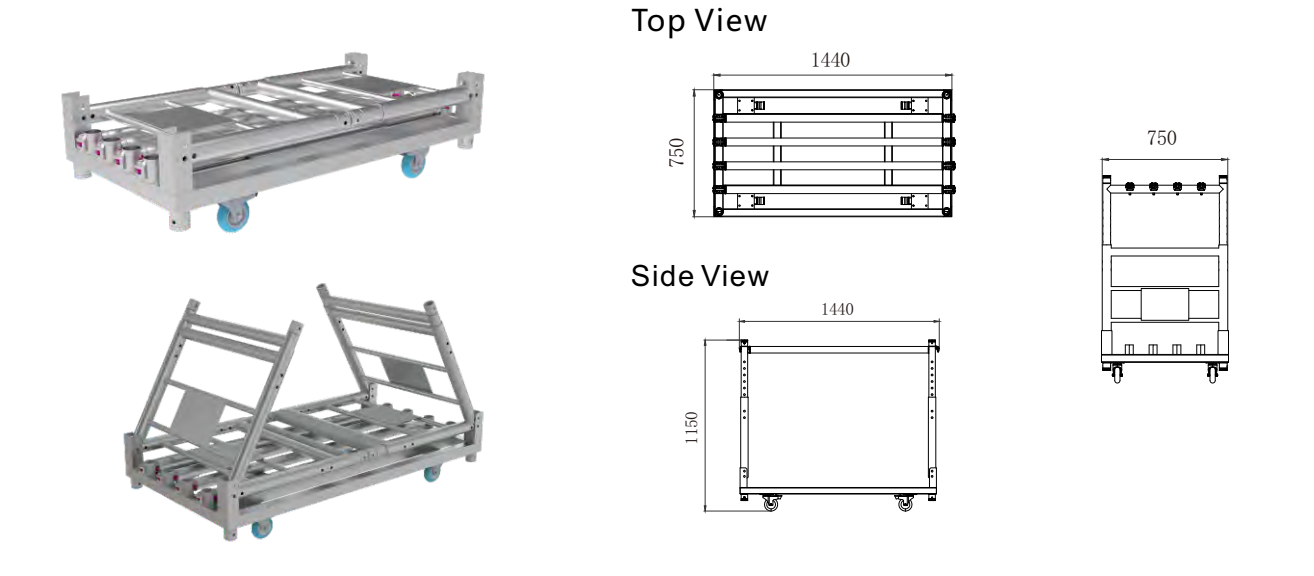
Specifications PRC01

	Metric	Imperial
Length	1440mm	56.7in
Width	750mm	29.5in
Height	330/1150mm	13/45.3in
Single piece outer tube	φ56.7*2.9mm	2.23* 0.11 in
Inner tube	φ50*3.0mm	1.97*0.12in
Weight	~38.7KG	~85.3 lbs
Material	EN AW-6061 T6	



Logistics :

Category	GP20	GP40	HQ40
Tile	24units	48units	48units
Stacking	84units	168units	168units







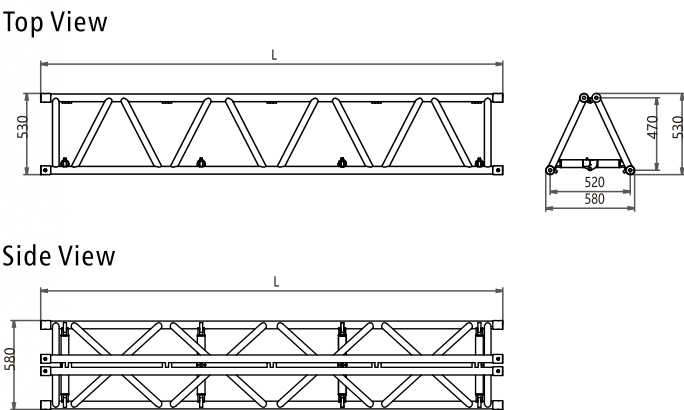
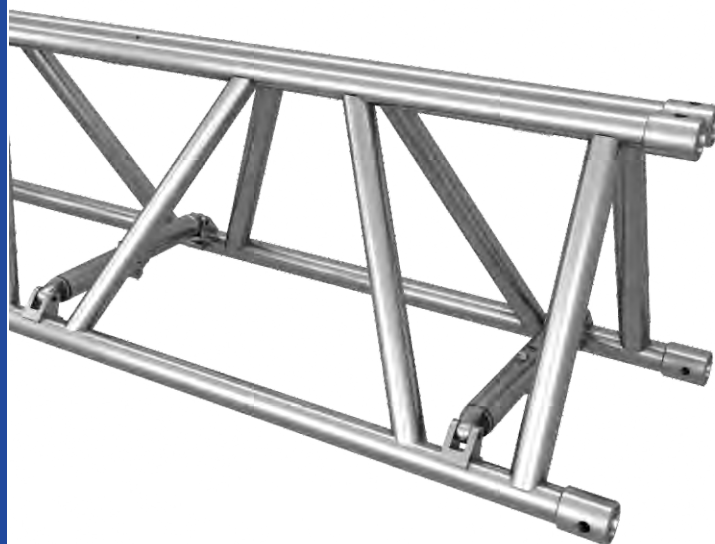
# FOLDING TRUSS

 -F52    -F102

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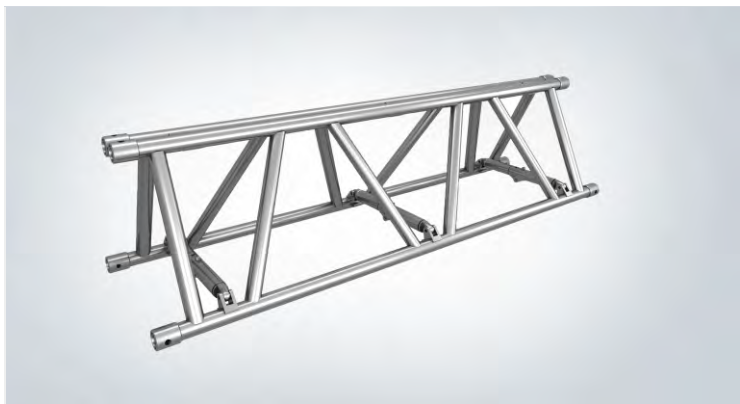
F52 folding truss is constructed of main tubes (50 x 3mm) and braces (30 x 3mm), connected by Cs6 conical coupling system. The F52 truss is fast and easy to assemble. It offers a strong strength with a very high loading capacity. The folding truss is designed to be folded during warehousing and transportation to save cost and space. F52 folding truss is not available in circular shape.

Facts		
<ul style="list-style-type: none"> <li>TüV approved</li> <li>Also available in any non-standard length and shape</li> <li>Tolerance free conical connector system</li> </ul>		
Specifications		
	Metric	Imperial
Height	530mm	20.8 in
Width	580mm	22.8 in
Main Tube	50x3mm	1.97x 0.12 in
Braces	30x3mm	1.18 x 0.12 in
Weight	~18kg/m	~39.68 lbs/m
Pin Position	Diagonal	
Material	EN AW-6082 T6	
Connection	Cs6	

## Metric loading charts


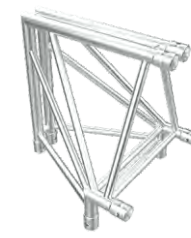


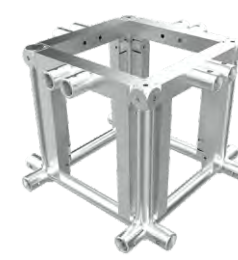
Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
6	538	14	1203	7	902	12	601	13	499	14
8	365	30	973	15	730	24	487	28	404	30
10	256	52	832	27	624	29	416	47	345	44
12	175	76	785	45	589	57	393	65	326	69
14	126	104	703	66	527	71	352	85	292	91
16	94	136	637	92	478	100	319	121	264	122
18	72	172	583	124	437	129	291	147	242	158
20	56	213	535	161	401	177	267	181	222	188

\*in meters/ \*\*mm is the deflection of the truss at the given load

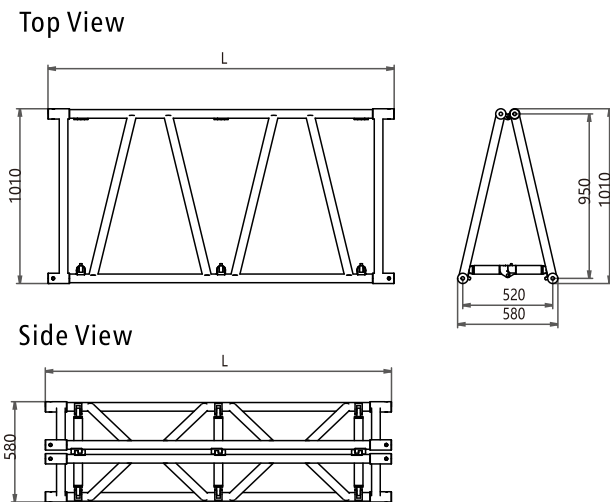
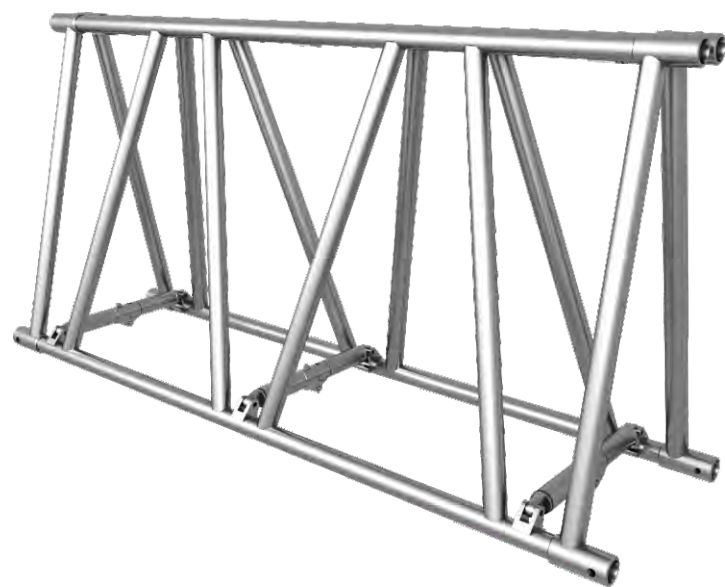


CODE	LENGTH
F52-050	530*580*500
F52-100	530*580*1000
F52-150	530*580*1500
F52-200	530*580*2000
F52-250	530*580*2500
F52-300	530*580*3000
F52-350	530*580*3500
F52-400	530*580*4000

## JUNCTIONS OR CONNECTION SYSTEM

<p>2-WAY 90 DEGREE CORNER C21 F52C21</p> 	<p>2-WAY 90 DEGREE CORNER C24 F52C24</p> 	<p>4-WAY CROSS JUNCTION C41 F52C41</p> 
<p>3-WAY T-JUNCTION T35 F52T35</p> 	<p>SLEEVE F52 F52SLEECE</p> 	





Folding truss F102 is for outdoor stage such as concert stage or podium, featuring pin holes at 90 degree angles to the ground for convenient access on flat surfaces. Its folding design can save up to 75% truck or warehouse space, while the smart placing of the hinges prevents personal injuries. F102 folding truss is not available in circular shape.

#### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system

#### Specifications F102

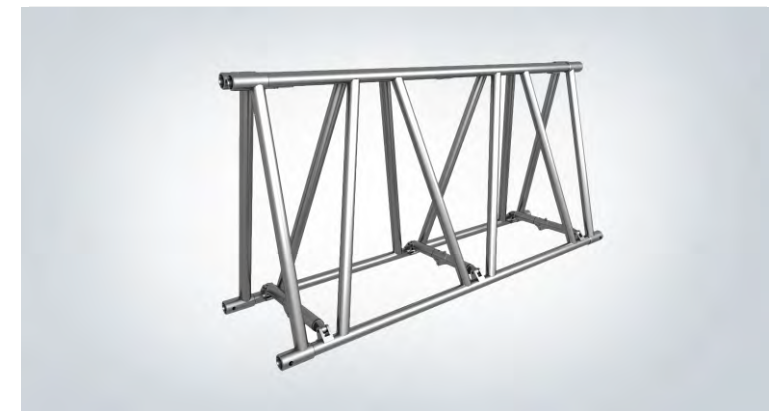
	Metric	Imperial
Height	580mm	22.83 in
Width	1010mm	39.76 in
Main Tube	50x4mm	1.97x 0.16 in
Vice tube	50x3mm	1.97 x 0.12 in
Braces	30x3mm	1.18 x 0.12 in
Weight	~22.4kg/m	~49.4 lbs/m
Pin Position	Diagonal	
Material	EN AW-6082 T6	
Connection	Cs6	



#### CODE

#### LENGTH

F102-100	580*1010*1000
F102-150	580*1010*1500
F102-200	580*1010*2000
F102-250	580*1010*2500
F102-300	580*1010*3000
F102-400	580*1010*4000
F102-500	580*1010*5000
F102-600	580*1010*6000



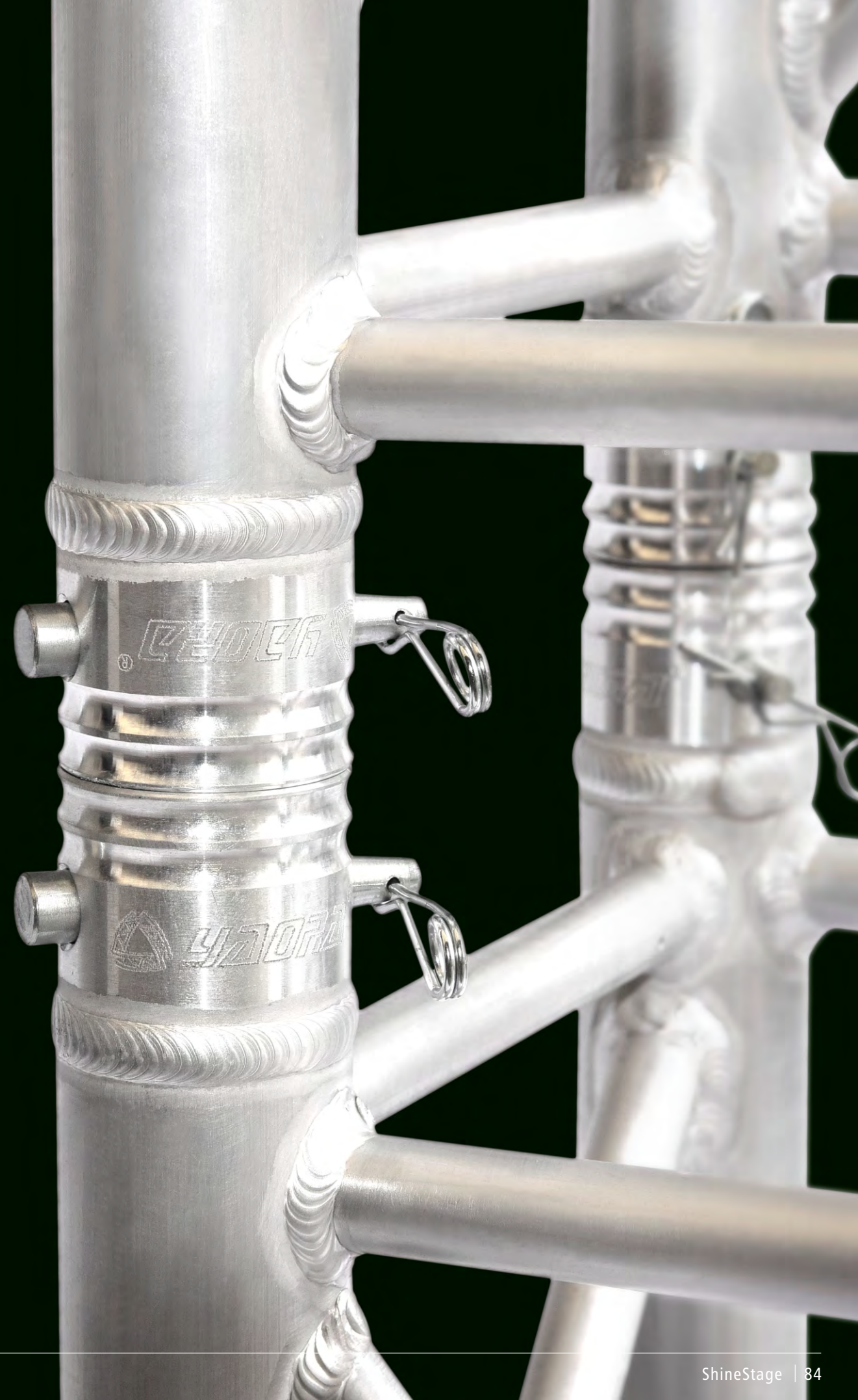
## Metric loading charts

Span*	UDL		CPL		1/3Point Load		1/4Point Load		1/5Point Load	
	Kg/m	mm**	Kg	mm	Kg(2x)	mm	Kg(3x)	mm	Kg(4x)	mm
9	205	8	1644	10	822	9	548	8	411	8
12	161	15	1477	18	739	16	492	15	369	15
15	111	38	1227	40	614	40	409	39	307	39
18	95	56	1132	55	566	56	377	56	283	56
21	83	78	1050	73	525	76	350	74	263	74
24	71	102	979	94	490	98	326	98	245	99
27	52	154	863	143	431	148	288	150	216	151
30	44	180	815	171	407	176	272	169	204	178
33	38	207	771	203	386	205	257	206	193	207
36	32	237	732	233	366	235	244	236	183	236

\*in meters/ \*\*mm is the deflection of the truss at the given load



# ACCESSORIES





<b>CONICAL COUPLER KIT CS5</b> CODE:CCS5-601	<b>CONICAL COUPLER KIT CS6</b> CODE:CCS6-601	<b>CONICAL COUPLER KIT CS8/CS10</b> CODE:CCS8/10-601
		
<b>CONICAL SPIGOT CS5</b> CODE:CCS5-602	<b>CONICAL SPIGOT CS6</b> CODE:CCS6-602	<b>CONICAL SPIGOT CS8/CS10</b> CODE:CCS8/10-602
		
<b>PIN + R CLIPS</b> CODE:CSP5-603	<b>ST PIN + R CLIPS</b> CODE:CSP6-603	<b>BT PIN + NUT</b> CODE:CSP8/10-603
		
<b>MUSHROOM SPIGOT / END PLUG</b> CODE:CHC-600	<b>HALF CONICAL KIT</b> CODE:CHC-600K	<b>HALF CONICAL BOX KIT</b> CODE:CHC-600S
		

<b>SPACER COUPLER</b> CODE:CPC-700	<b>SPACER SPIGOT KIT</b> CODE:CPC-701	<b>HINGE KIT</b> CODE:CPC-703
		
<b>EYE CLAMP</b> CODE:TLC-200	<b>FOLDING COUPLER KIT</b> CODE:CPC-704	<b>SPACER TIGGER CLAMP</b> CODE:CPC-705
		
<b>HALF CONICAL CLAMP</b> CODE:TLC-201	<b>TV CONICAL CLAMP</b> CODE:TLC-202	<b>HOOK CLAMP</b> CODE:TLC-203
		
<b>HOOK CLAMP</b> CODE:TLC-204	<b>BOLT CLAMP</b> CODE:TLC-205	<b>HOOK CLAMP</b> CODE:TLC-206
		

<b>HOOK STEEL CLAMP</b> CODE:TLC-207 	<b>HOOK ALU CLAMP</b> CODE:TLC-208 	<b>BRACKET KIT</b> CODE:TLC-212 
<b>SWIVEL CLAMP HV</b> CODE:TLC-209 	<b>SWIVEL CLAMP LT</b> CODE:TLC-210 	<b>SWIVEL CLAMP FX</b> CODE:TLC-211 
<b>D SHACKLE</b> CODE:TSK-400 	<b>EYE NUT</b> CODE:TSK-401 	<b>STEEL WIRES</b> CODE:STW-300 
<b>TURNBUCKLE KIT</b> CODE:TSK-402 	<b>SAFETY ROPE</b> CODE:STW-301 	<b>SOFT ERGO WIRES</b> CODE:STW-302 

<b>TIE RATCHETS</b> CODE:SSL-900 	<b>STAGE SLING</b> CODE:SSL-901 	<b>STAGE ROUND SLING</b> CODE:SSL-902 
<b>CABLE PROTECTOR</b> CODE:SPT-1001 	<b>BEARER CLAMP</b> CODE:SPT-1002 	<b>ASSECONES CASE</b> CODE:SPT-1003 
<b>RATCHET WRENCH</b> CODE:SPT-1004 	<b>RIGGING HAND</b> CODE:SPT-1005 	<b>ELECTRIC WRENCH</b> CODE:SPT-1006 
<b>TRUSS BAG</b> CODE:SPT-1007 	<b>SAFETY HELMET</b> CODE:SPT-1008 	<b>SAFETY STRAP</b> CODE:SPT-1009 



# GROUND SUPPORT TOWER SYSTEMS





TOWER SYSTEM BOM		
CODE	PIECES	DESCRIPTION
Steel Base TS34-01	1	iron steel with wheel 683*683mm
Top Section TS34-02A	1	Aluminum for manuel or electric hoist
Outrigger TS34-04	4	iron steel with 1M longer
Stabilizer TS34-05	4	Aluminum with 1.5M longer
Hoist MH01/EH02	1	hoist optional 1T/2T
Bracket of Motor TS34-09	1	aluminum for support hoist
Sleeve Block TS34-03	1	sleeve block for lift and down
Hinges TS34-08	4	use for set up the tower
Sling TS34-07	1	use for hook the sleeve block and beam
Tower Secure Wire TS34-10	1	safety protect when hoist stop

### SPECIFICATIONS TSCS5

The TSCS5 Tower System is based on F34 / F34P truss. Its largest span can be 14m (46ft), can be used on rigging system, roof system and LED goal post, great for small or middle-scale events, with maximum loading and deflection chart for your reference.

Main Tube 50 x 3 mm / 1.97 x 0.12  
 Braces 20 x 2 mm / 0.79 x 0.08  
 Weight ~7,5 kg/m / ~7,5kg/m  
 Pin Position Diagonal  
 Material EN AW-6082 T6  
 Connection CS5

### TOWER SYSTEM TSCS5

<b>Steel Base TS34-01</b> 	<b>Top Section TS34-02A</b> 	<b>Top Section TS34-02B</b> 
<b>Outrigger TS34-04</b> 	<b>Stabilizer TS34-05</b> 	<b>Ballast Base TS34-06</b> 
<b>Hoist MH01/EH02</b> 	<b>Bracket of Motor TS34-09</b> 	<b>Sleeve Block TS34-03</b> <small>sleeve block suitable for truss-series:F34/F34P/F44P</small> 
<b>Hinges TS34-08</b> 	<b>Sling TS34-07</b> 	<b>Tower Secure Wire TS34-10</b> 





TOWER SYSTEM BOM		
CODE	PIECES	DESCRIPTION
Steel Base TS44-01	1	iron steel with wheel 833*833mm
Top Section TS44-02A	1	Aluminum for manuel or electric hoist
Outrigger TS44-04	4	iron steel with 1M longer
Stabilizer TS44-05	4	Aluminum with 1.8M longer
Hoist MH01/EH02	1	hoist optional 1T/2T
Bracket of Motor TS44-09	1	aluminum for support hoist
Sleeve Block TS44-03	1	sleeve block for lift and down
Hinges TS44-08	4	use for set up the tower
Sling TS44-07	1	use for hook the sleeve block and beam
Tower Secure Wire TS44-10	1	safety protect when hoist stop

### SPECIFICATIONS TSCS5A

Main Tube 50 x 4 mm / 1.97 x 0.16  
Braces 25 x 3 mm / 0.98 x 0.12  
Weight ~9,5 kg/m / ~6lbs/ft  
Pin Position Diagonal  
Material EN AW-6082 T6  
Connection CS5

The TSCS5A Tower System is based on F44 truss. Its largest span can be 16m (52ft), can be used on rigging system, roof system and LED goal post, great for small or middle-scale events, with maximum loading and deflection chart for your reference.

### TOWER SYSTEM TSCS5A

Steel Base TS44-01 	Top Section TS44-02A 	Top Section TS44-02B 
Outrigger TS44-04 	Stabilizer TS44-05 	Ballast Base TS44-06 
Hoist MH01/EH02 	Bracket of Motor TS44-09 	Sleeve Block TS44-03 <div> Sleeve Block FTP, Made with heavy-duty aluminium profiles connected, whit steel components, For truss-series F54  </div>
Hinges TS44-08 	Sling TS44-07 	Tower Secure Wire TS44-10 




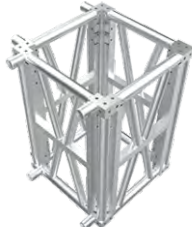
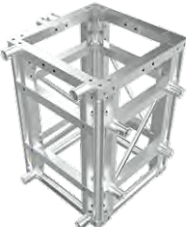






TOWER SYSTEM BOM		
CODE	PIECES	DESCRIPTION
Steel Base TS54-01	1	iron steel with wheel 1100*2200mm
Top Section TS54-02D	1	steel iron for electric hoist
Hoist MH01/EH02	2	hoist optional 1T/2T
Sleeve Block TS54-03	1	sleeve block for lift and down
Hinges TS54-08	4	use for set up the tower
Sling TS54-07	2	use for hook the sleeve block and beam
Tower Secure Wire TS54-10	2	safety protect when hoist stop
Water Tank TS54-03	1	stable the tower more heavy to make safety

The TSCS5B tower based on F54 truss system .High capacity rigging tower - 20 m (56.6ft) Normal height - designed for your largest events and applications, with maximum loading and free-span specifications. For independent use or together with our F54/F64/F74/F104/ F154 truss roof, as well as with large span & big LED screen support structures.

SPECIFICATIONS TSCS5B	
Main Tube	60 x 5 mm / 2.36 x 0.20
Braces	50 x 3 mm / 1.97 x 0.12
Braces	30 x 3 mm / 1.18 x 0.12
Weight	~25 kg/m / ~16,8 lbs/ft
Pin Position	Horizontal and vertical
Material	EN AW-6082 T6
Connection	CS6

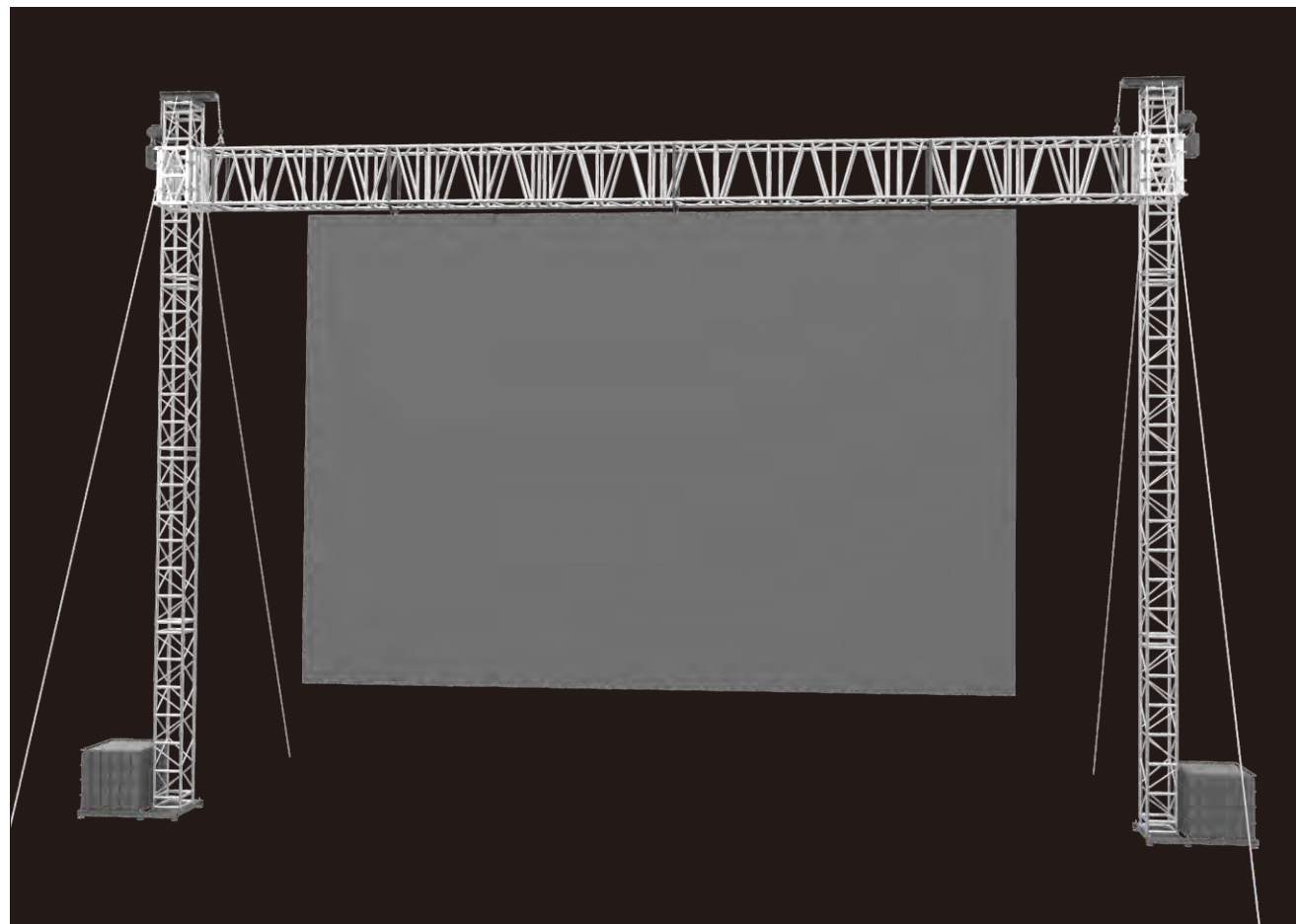
## TOWER SYSTEM TSCS5B

<b>Steel Base TS54-01</b> 	<b>Top Section TS54-02D</b> 	<b>Water tank TS54-03</b> 
<b>Sleeve Block TS54-03(F54/F104PL)</b> 	<b>SleeveBlock TS54-03A(F104/F104P/F102)</b> 	<b>SleeveBlock TS54-03B(F104/F104P/F102/F54)</b> 
<b>Hoist MH01/EH02</b> 	<b>Tower Secure Wire TS54-10</b> 	<b>Sling TS54-07</b> 
<b>Hinges TS54-08</b> 		



# ADVERTISING SYSTEMS

-LED Goal Post -Audio Tower

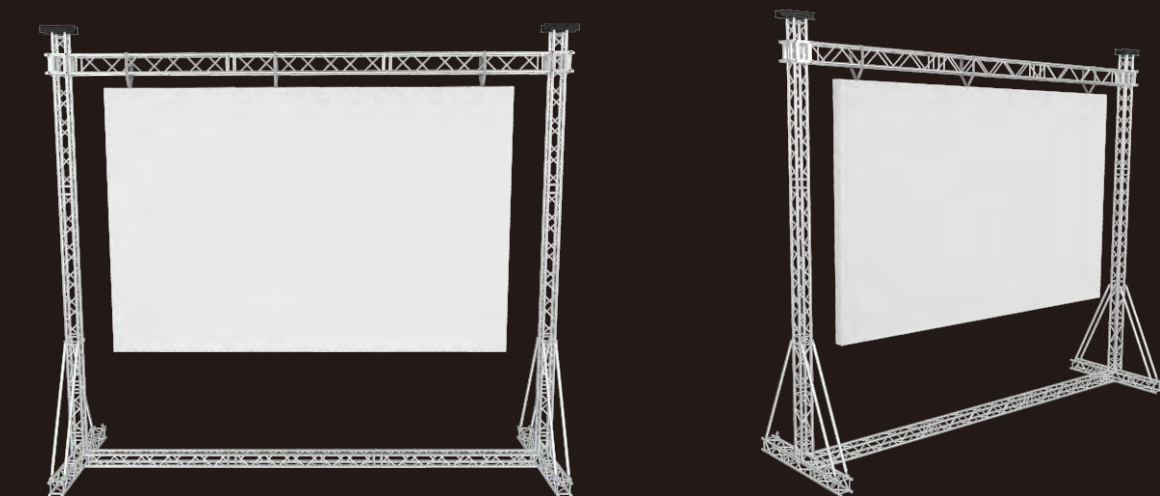


### Facts

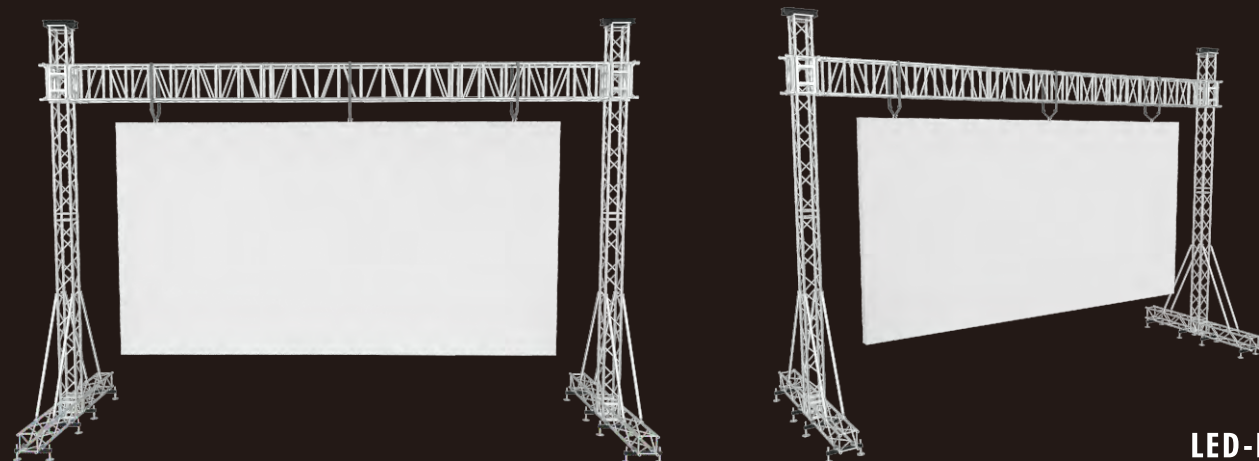
- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connectorsystem
- Available in different sizes

### GOAL POST SPECIFICATIONS

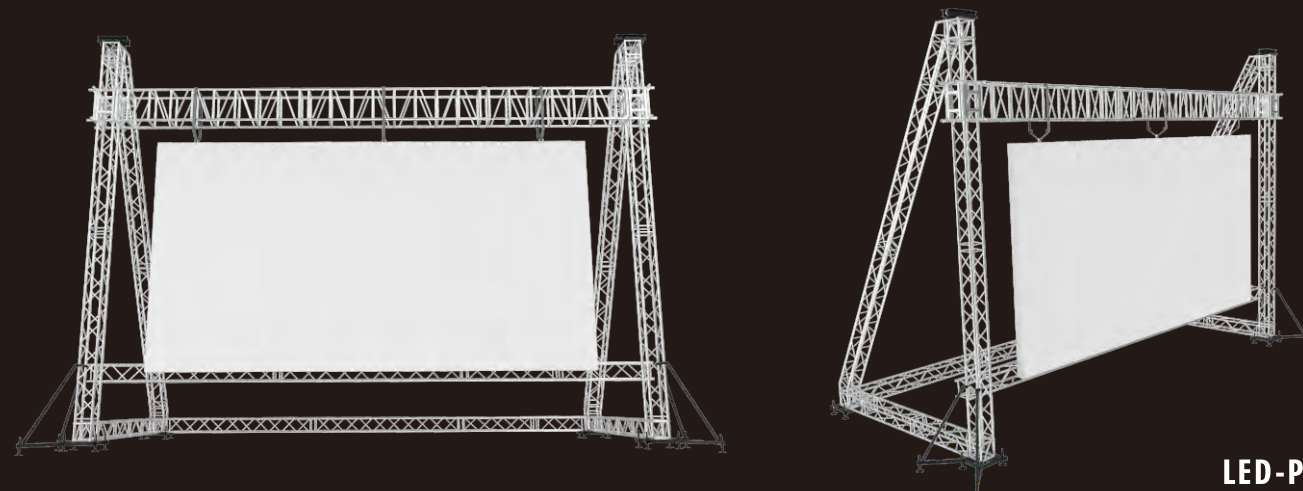
LED-PG01			LED-PG02			LED-PG03		
Width x Height	Load capacity	Truss code	Width x Height	Load capacity	Truss code	Width x Height	Load capacity	Truss code
A 6x4m	1000kg	F34P	A 10x6m	1200kg	F44	A 14x8m	2240kg	F74
B 8x6m	700kg	F34P	B 12x8m	1030kg	F44	B 16x10m	2000kg	F74
C 10x6m	560kg	F34P	C 14x8m	860kg	F44	C 18x12m	1700kg	F74



LED-PG01

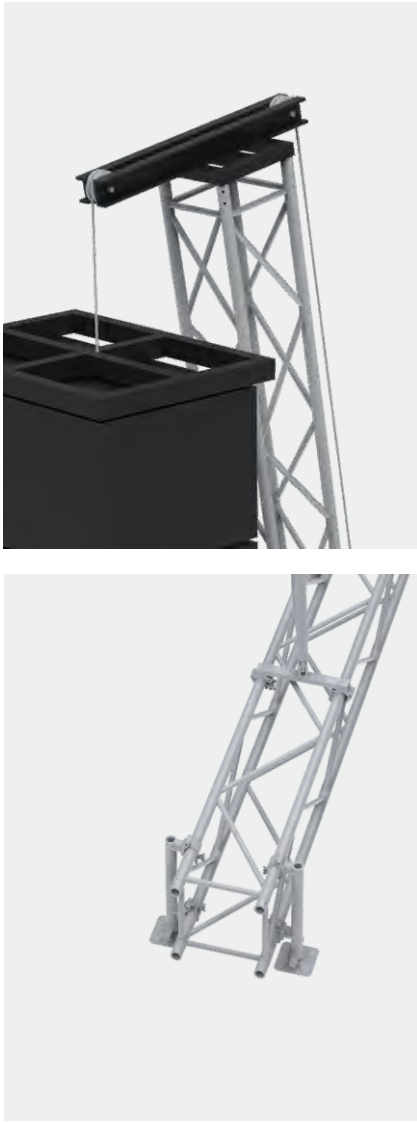
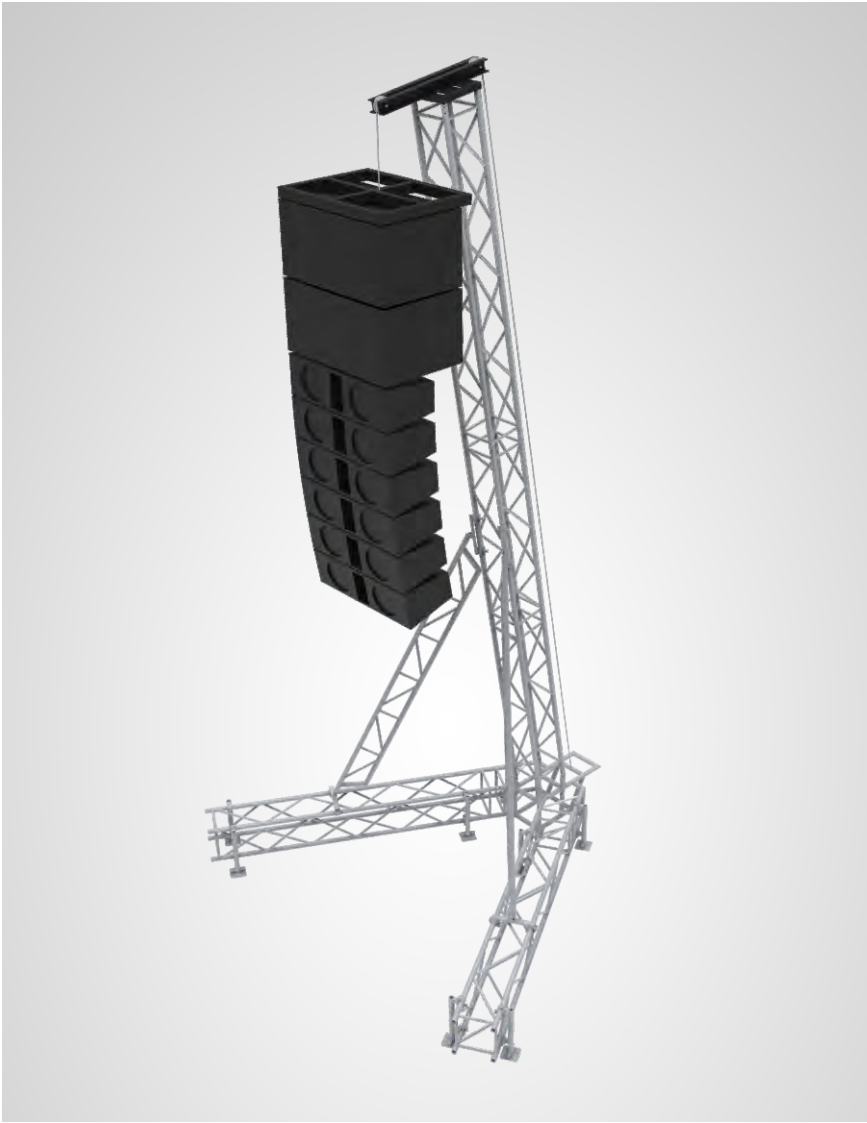


LED-PG02



LED-PG03

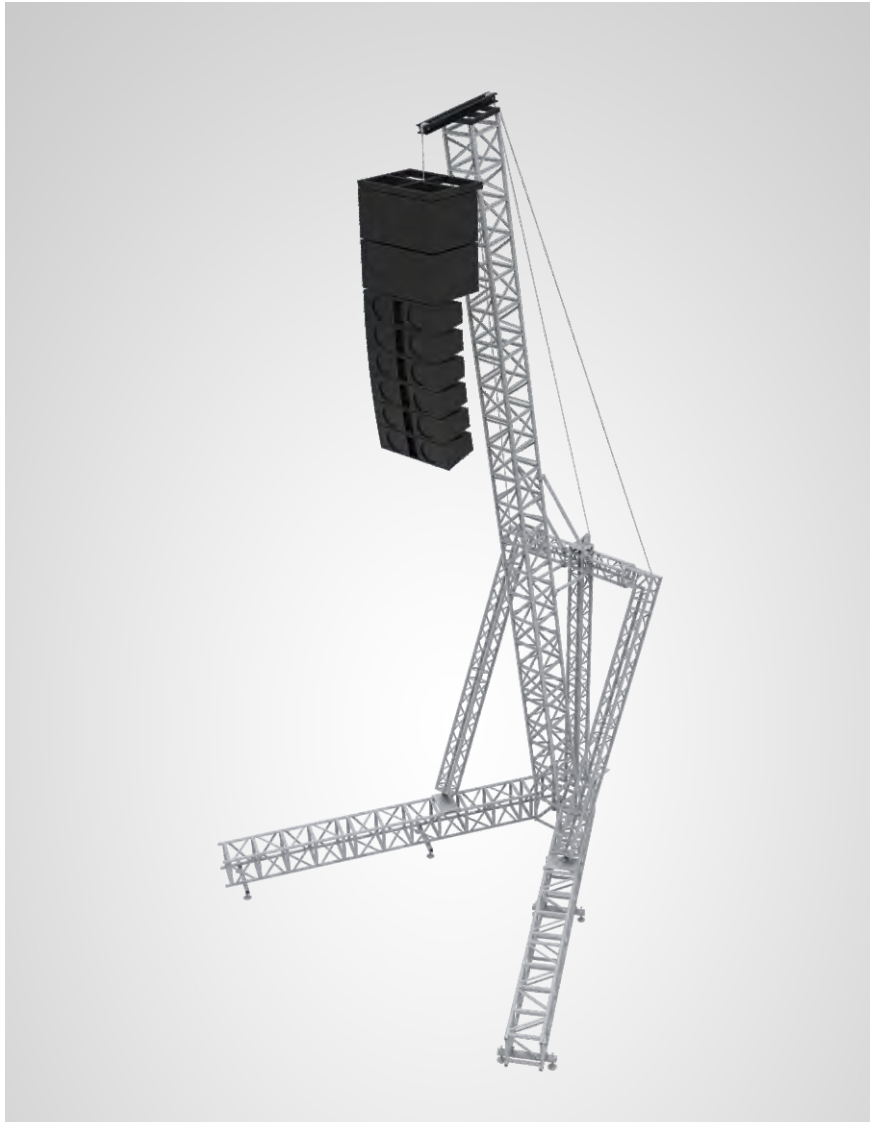
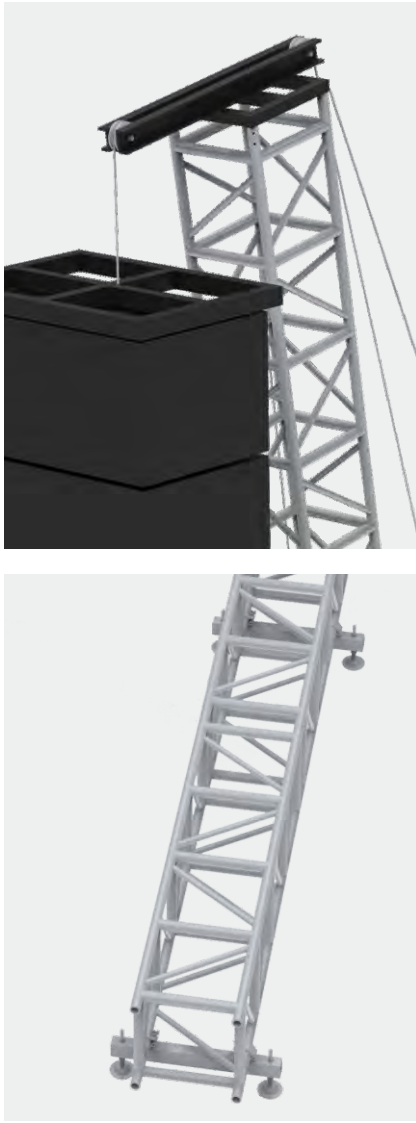




AT001 Audio Tower

Facts
<ul style="list-style-type: none"><li>•TüV approved</li><li>•Also available in any non-standard length and shape</li><li>•Tolerance free conical connector system</li></ul>

AUDIO TOWER SPECIFICATIONS		
Height	Load capacity	Truss code
A 6m	800kg	F34P
B 8m	1200kg	F44
C 10m	1000kg	F44



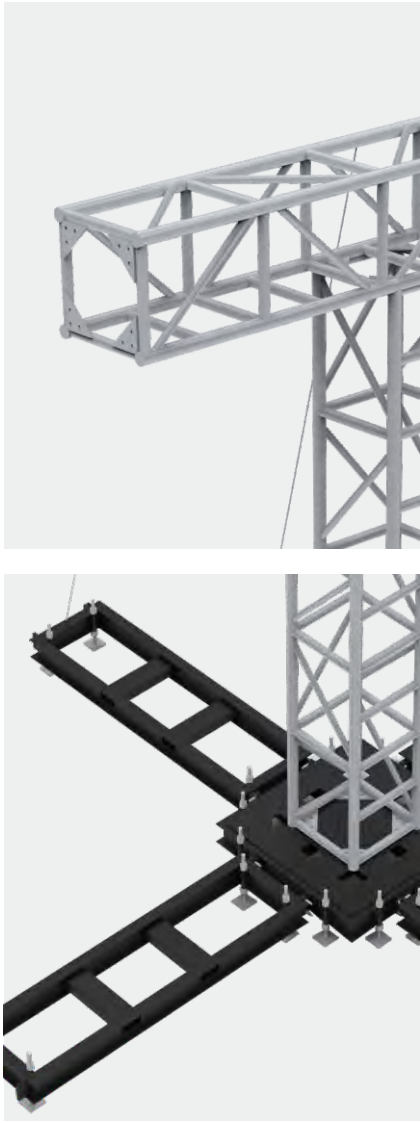
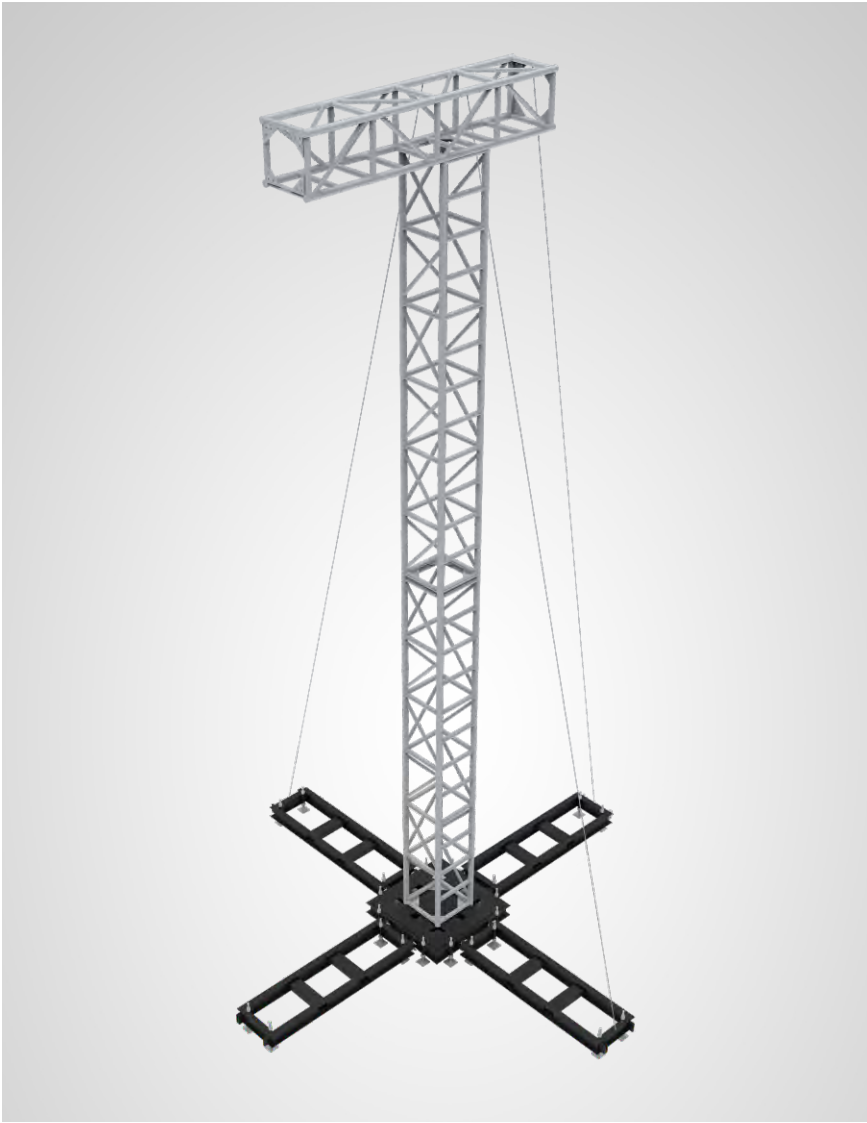
AT002 Audio Tower

Facts
<ul style="list-style-type: none"><li>•TüV approved</li><li>•Also available in any non-standard length and shape</li><li>•Tolerance free conical connector system</li></ul>

AUDIO TOWER SPECIFICATIONS		
Height	Load capacity	Truss code
A 12m	1400kg	F54
B 14m	2300kg	F104



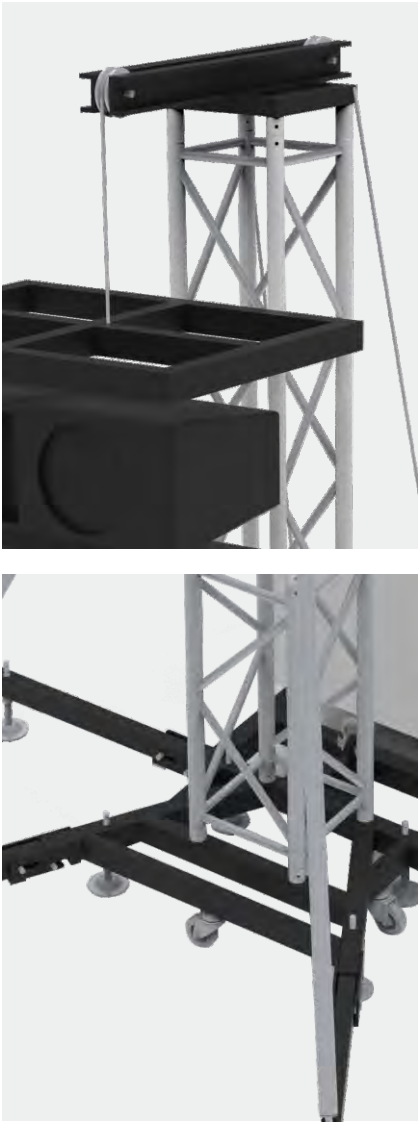
# AUDIO TOWER



AT003 Audio Tower

Facts
<ul style="list-style-type: none"><li>•TüV approved</li><li>•Also available in any non-standard length and shape</li><li>•Tolerance free conical connector system</li></ul>

AUDIO TOWER SPECIFICATIONS		
Height	Load capacity	Truss code
A 6m	800kg	F34P
B 8m	1200kg	F44
C 10m	1000kg	F44
D 12m	1400kg	F54



AT004 Audio Tower

Facts
<ul style="list-style-type: none"><li>•TüV approved</li><li>•Also available in any non-standard length and shape</li><li>•Tolerance free conical connector system</li></ul>

AUDIO TOWER SPECIFICATIONS		
Height	Load capacity	Truss code
A 6m	600kg	F34P
B 8m	800kg	F44
C 10m	600kg	F44



# DESIGN CASE

-Arc Roof

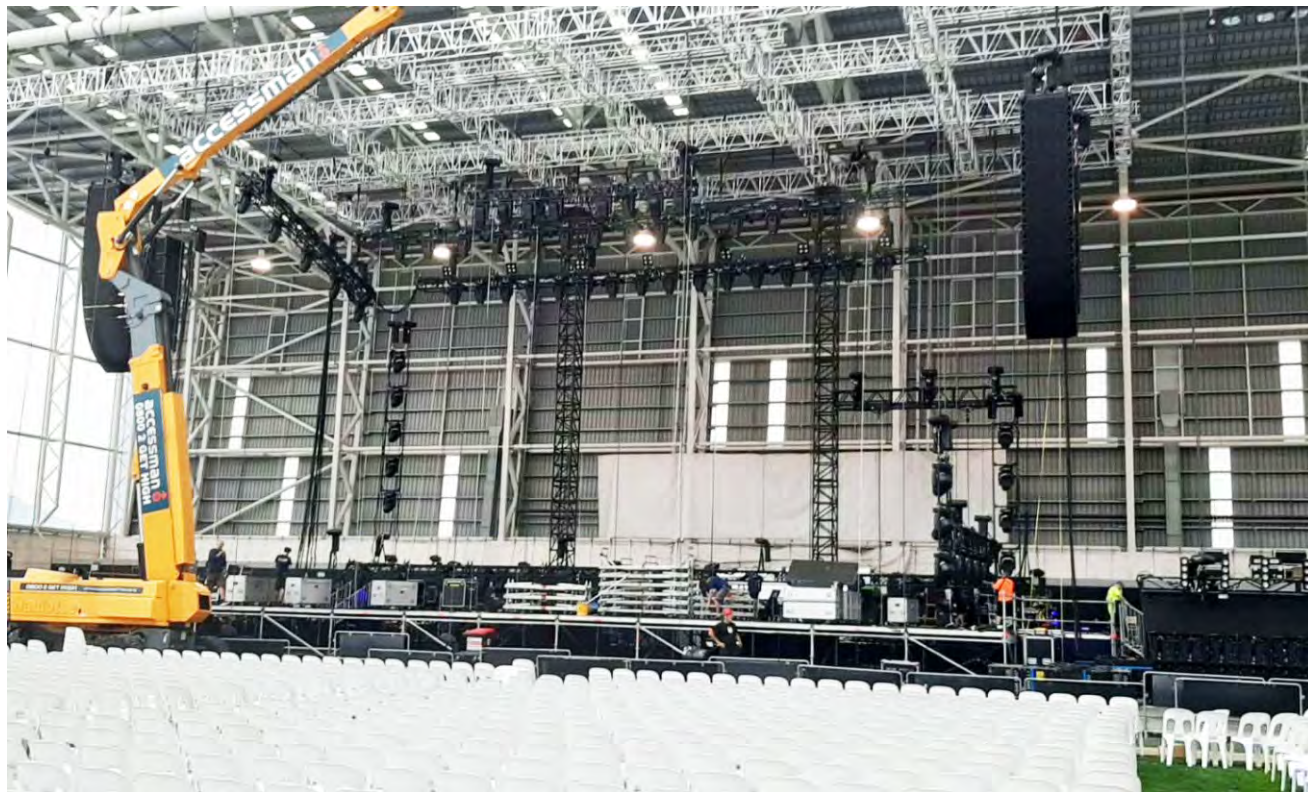
-Saddle Roof

-Slope Roof

-Tunnel Roof

-Flat Roof





## Introduction of the ShineStage Roof Systems

The Shinestage Roof System is a temporary removable structure to cover a stage and provide the possibility of hanging lights, LED screen, PA and other equipments required to make a spectacular show under any given circumstances.

Shinestage considers safety, the environmental circumstances and required loading capacity in our design and solution. All Shinestage Roof Systems are calculated according to the current European standards and regulations.

### A Shinestage Roof is designed under the following restrictions:

- The roof design should contain a reasonable number of standard truss types.
- Building on /from an existing Ground Support System.
- Relative high loading figures for each size and type of roof.
- Each roof should apply to all safety regulations worldwide.

## THE SHINESTAGE ROOF TYPES IN A GLANCE

SADDLE Roof



The Saddle Roof is a tower based structure with a saddle roof on top, sometimes with wings for hanging LED screen or audio. It can stand alone on its tower system or be integrated in a Layher scaffolding. The Saddle Roof are all constructed in 95% standard truss sections, with impressive load bearing capacity.

Classic but still the top seller with a wide variety of dimensions and loads from 6x4m(19x13ft) up to 24x16m(78x52ft)

Flat Roof



The Flat Roof is a tower based structure with a flat square and rectangle space in the middle. It's also the simplest roof system, which can be mounted extra truss or accessories to build different shapes and sizes for your events.

Tunnel Roof



The Tunnel Roof is available in a fixed size (up to 10m / 32ft wide) or in a tower version (from 12m to 24m / 39ft to 78ft wide). The fixed size tunnel is based on fixed circle sections and special angle corners. The tunnel tower has a hinged system using straight elements and a keder profile on top for full closing and flexibility in depth.

ARC Roof



The ARC Roof is available in a fixed size (up to 10m / 32ft wide) or in a tower version (from 12m to 24m / 39ft to 78ft wide). The fixed size arc is based on fixed circle sections and special angle corners. The ARC tower has a hinged system using straight elements and a keder profile on top for full closing and flexibility in depth.



# ROOF STRUCTURES





# AR-10 Arc Roof



### SYSTEM DESCRIPTION

The arc roof is a fixed construction, based on four inward-curving trusses that are mounted to F34/F34P tower system.

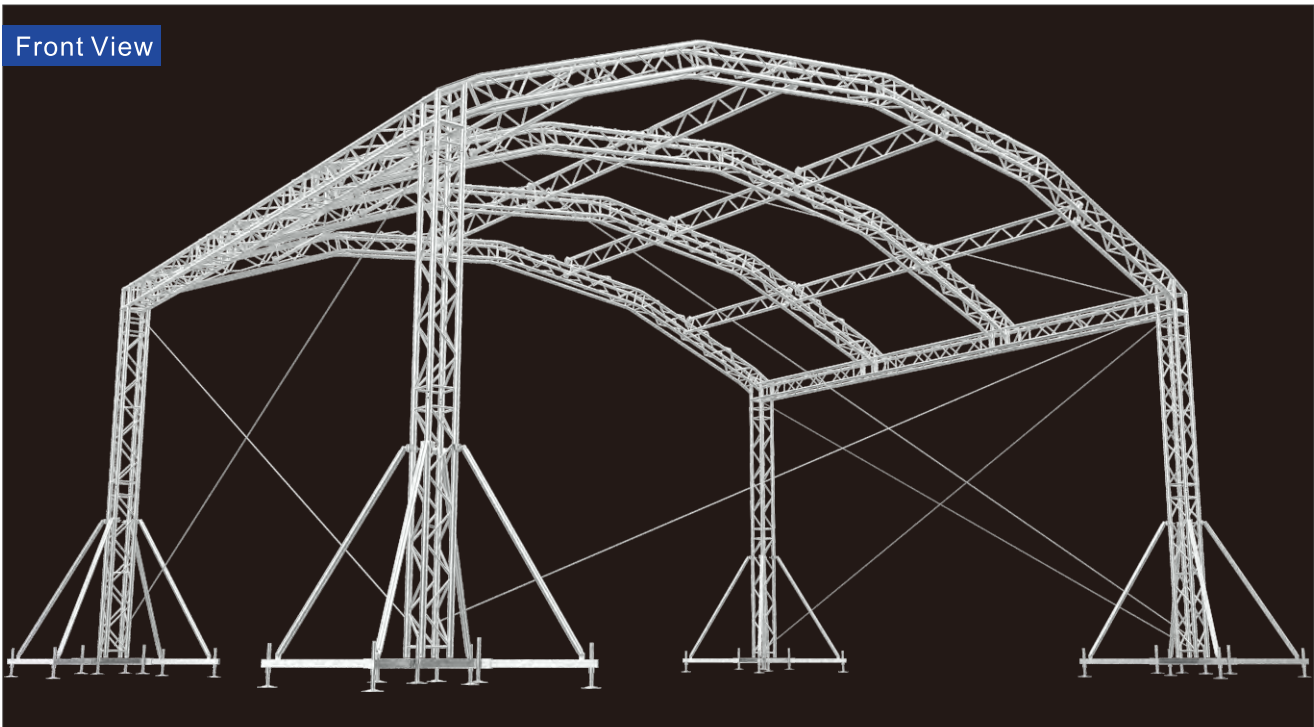
The design simplifies the setup. Erect the pillar by the hinges. Special joints are used to connect the arched truss together and to the pillars.

The arc roof has a keder structure on top, which can be used to install the canopy. The Shinestage F34/F34P is a kind of standard truss and can be configured to the size and shape you need according to your needs.

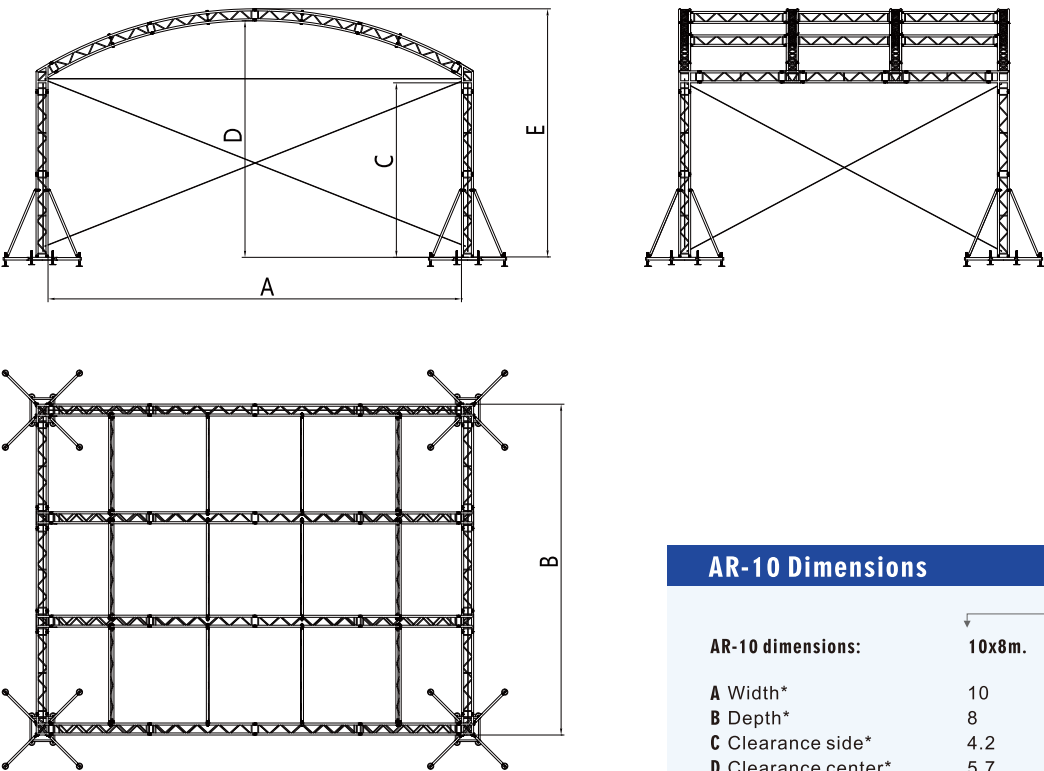
Specifications				
• Towers:	F34/F34P			
• Main Grid:	F34/F34P			
• Roof Structure:	F34/F34P/F32			
• Size	10x8, 8x6, 8x4 and 6x4 m.			
• Options:	PA Wings			

Sizes & Loading Metric				
AR-10 ARC Roof	10x8 m	8x6 m	8x4 m	6x4 m
User Load Grid TTL:	3000	3500	3500	3500
User Load Width TTL:	1600	2000	2000	2000
User Load Deep TTL:	1000	1000	1000	1000

\*TTL (total loading)in kg l \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (99ft).



### Top View



AR-10 Dimensions				
AR-10 dimensions:	Metric*			
	10x8m.	8x6m.	8x4m.	6x4m.
A Width*	10	8	8	6
B Depth*	8	6	4	4
C Clearance side*	4.2	3.7	3.7	3.2
D Clearance center*	5.7	5	5	4.3
E Rooftop Height*	6	5.3	5.3	4.6
Stage area	80m²	48m²	32m²	24m²

·in mtrs | ·in feet





# SR-30 Saddle Roof



## SYSTEM DESCRIPTION

The large saddle roof is a tower-based structure with a pitched roof, primarily configured from standard trusses, which guarantees optimum strength.

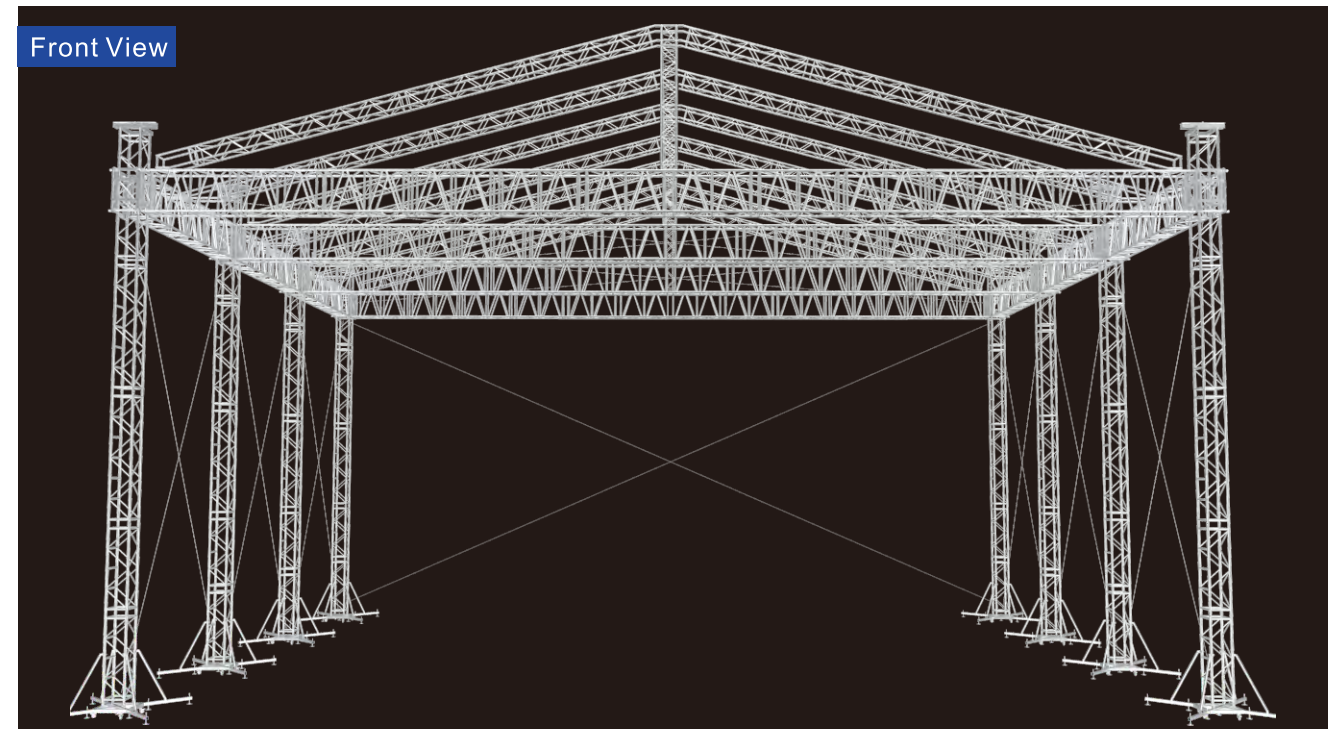
The pitched roof is available in three different sizes. And the flexibility of the pitched system offers nearly 40 calculated building varieties or setup possibilities. Shinestage is aware that every event brings different demands, so we can also customize a saddle roof for different events accordingly.

The pitch roof consists of F54 tower system, F104 main grid and F44P roof. The F104 main grid ensure a heavy loading capacity and minimum warehousing and transportation space. The roof is calculated and designed to be set up on steel or aluminium base plate, lifted up and down by electric hoist. The roof canopy can be made of PVC or air permeable mesh, tightened with pipes and ratchet straps.

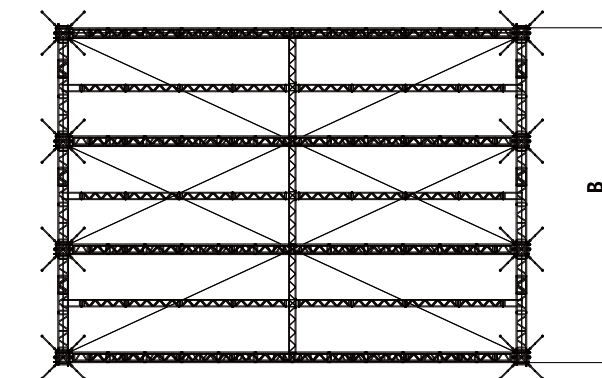
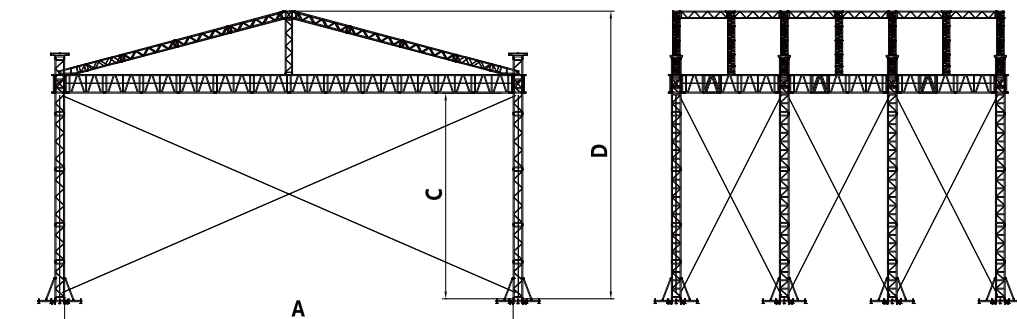
Specifications	
Towers:	F54
• Main Grid:	F104
• Roof Structure:	F44P
• Size	24x16, 20x16, 16x12m.
• Options:	PA Wings , Side Houses

SR-30 Sizes & Loading Metric			
SR-30 Saddle Roof	24x16 m <small>6 pillar with 2 tons hoist</small>	20x16 m <small>6 pillar with 2 tons hoist</small>	16x12 m <small>4 pillar with 2 tons hoist</small>
User Load Grid TTL:	8000	8700	5500
User Load Width TTL:	3000	3400	3400
User Load Deep TTL:	1700	1800	2010

\*TTL (total loading) in kg ! \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (99ft).



## Top View



SR-30 Dimensions			
SR-30 dimensions:	Metric*		
	24x16 m	20x16 m	16x12 m
A Width*	24.3	20.3	16.3
B Depth*	17.4	17.4	13.4
C Clearance*	11	11	11
D Rooftop Height*	15.4	15	14.4
Stage area	292m <sup>2</sup>	264m <sup>2</sup>	202m <sup>2</sup>

-in mtrs | --in feet





# SR-20 Saddle Roof



## SYSTEM DESCRIPTION

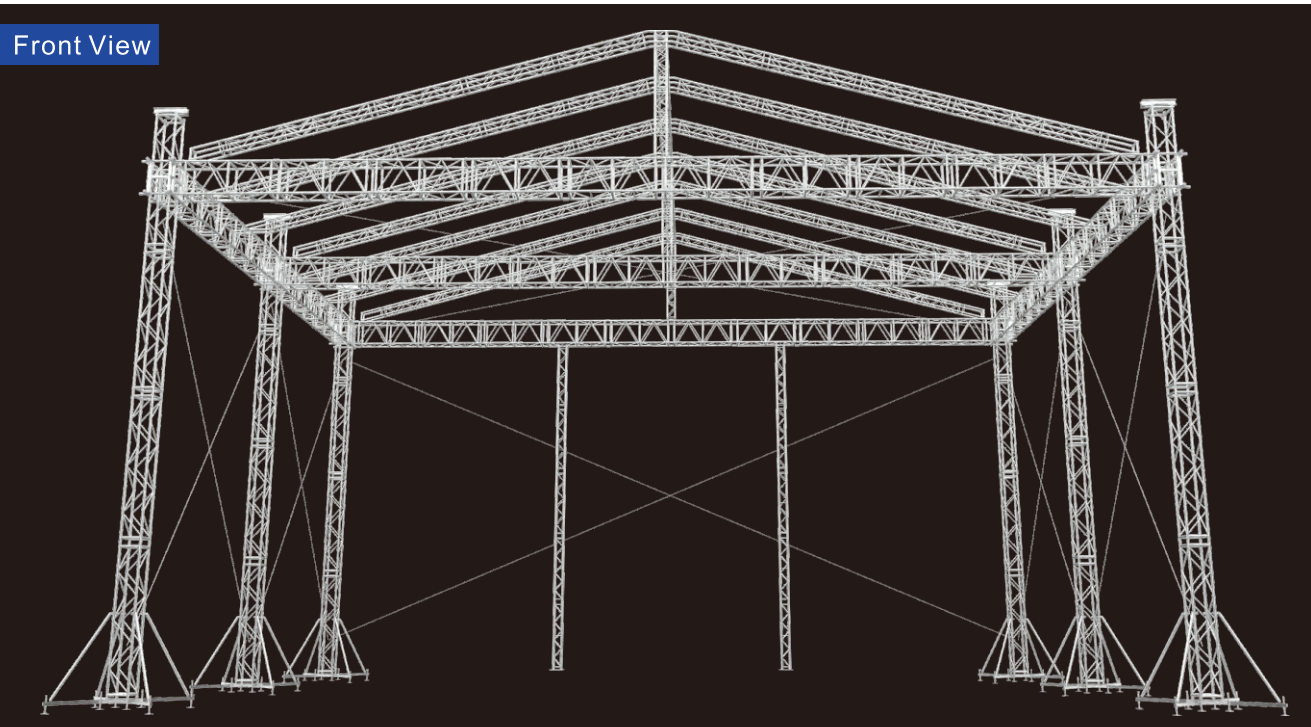
The medium saddle roof is supported by the F44 tower system, with F74 truss as main grid and F34P roof structure. This pitched roof is mainly configured with standard trusses to ensure optimal load bearing.

Shinestage has designed four different sizes for your choices. Every event brings different demands, so we can also customize a saddle roof for different events accordingly.

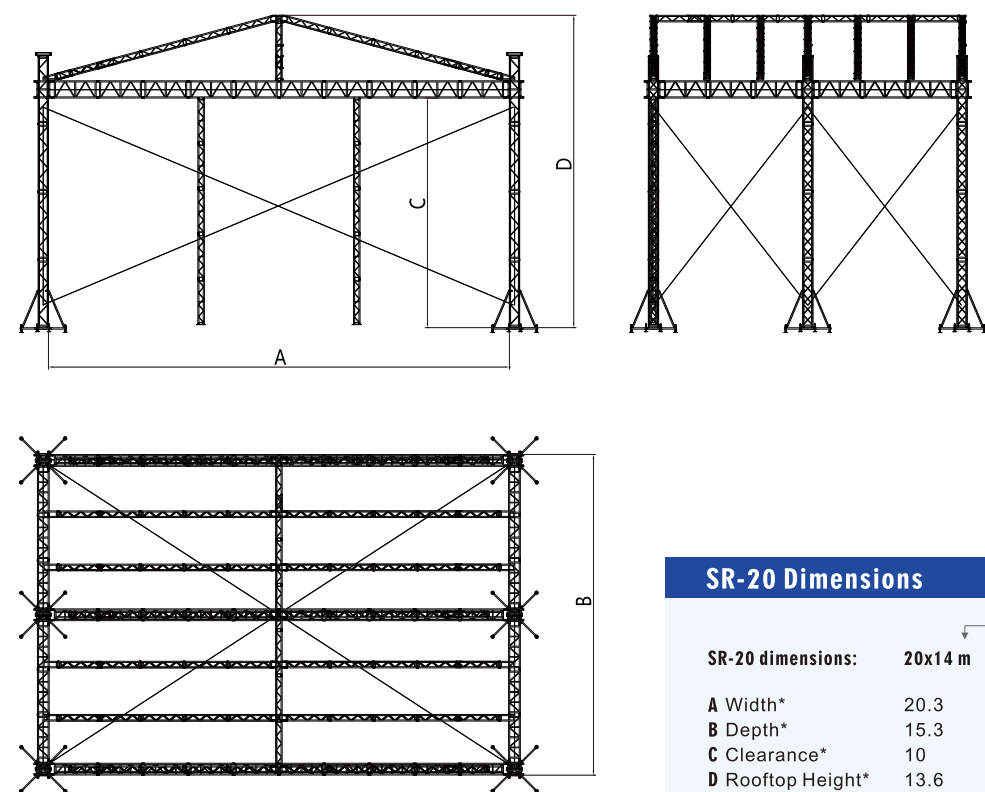
Specifications	
Towers:	F44
• Main Grid:	F74
• Roof Structure:	F34P
• Size	20x14, 18x14, 16x12 and 14x12 m.
• Options:	PA Wings , Side Houses

SR-20 Sizes & Loading Metric				
SR-20 Saddle Roof	20x14 m	18x14 m	16x12 m	14x12 m
	6 pillar with 1 ton hoist	6 pillar with 1 ton hoist	4 pillar with 1 ton hoist	4 pillar with 1 ton hoist
User Load Grid TTL:	3500	3800	2200	2500
User Load Width TTL:	1200	1400	1400	1600
User Load Deep TTL:	850	850	800	900
*TTL (total loading) in kg   **Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (99ft).				

Front View



Top View



SR-20 Dimensions				
SR-20 dimensions:	Metric*			
	20x14 m	18x14 m	16x12 m	14x12 m
A Width*	20.3	18.3	16.3	14.3
B Depth*	15.3	15.3	13.3	13.3
C Clearance*	10	10	10	10
D Rooftop Height*	13.6	13.3	13.1	12.8
Stage area	292m <sup>2</sup>	264m <sup>2</sup>	202m <sup>2</sup>	179m <sup>2</sup>

-in mtrs | -in feet





### SYSTEM DESCRIPTION

The small saddle roof is composed of F34P tower system, F34P as the main structure and F32 as the auxiliary support structure. The saddle roof has standard load bearing capacity, and is available in 14x10m, 12x10m, 10x8m options.

The pitched roof is designed to be mounted on a steel base, which can be attached to a compression beam, thereby reducing ballast requirements, or can be set up with an integrated base(ballast safe) in any type of steel scaffolding stage.

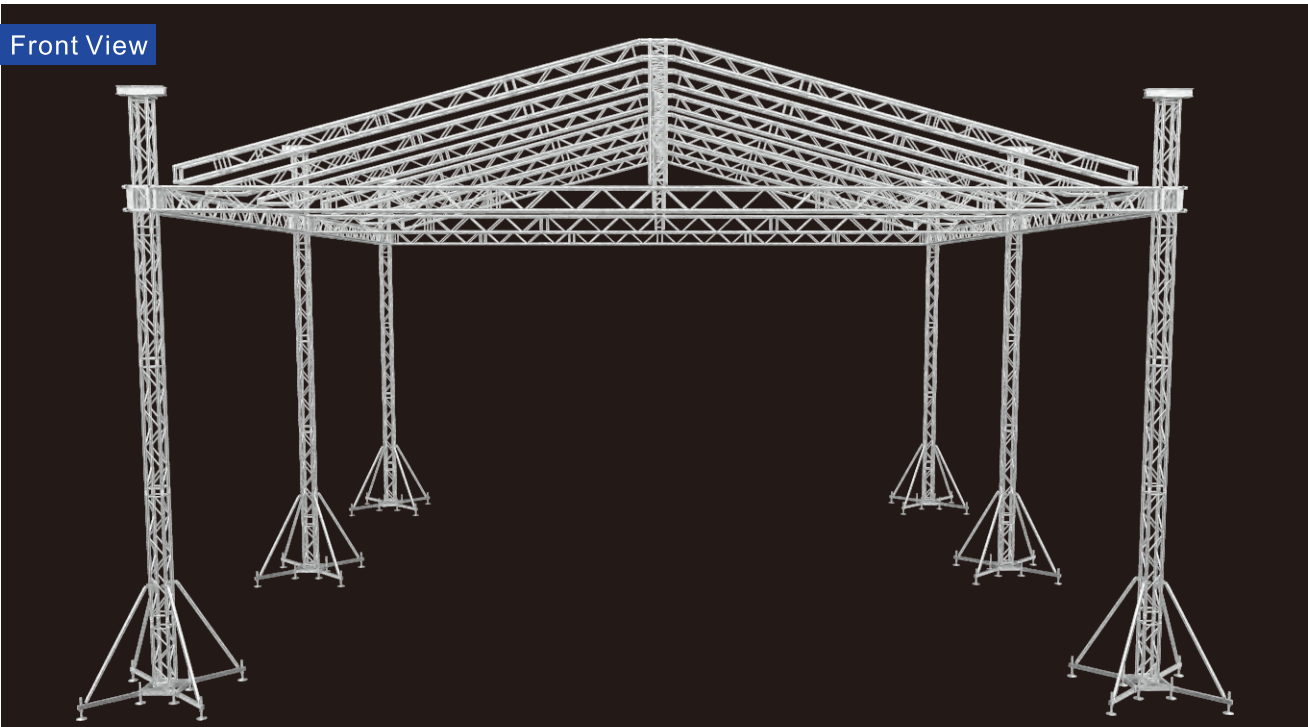
The canopy is tightened with pipes and ratchet straps, can be made of PVC material or air permeable mesh.

The roof meets all required international standards and is pre-calculated according to the latest regulations and comes with a full structural report and manual.

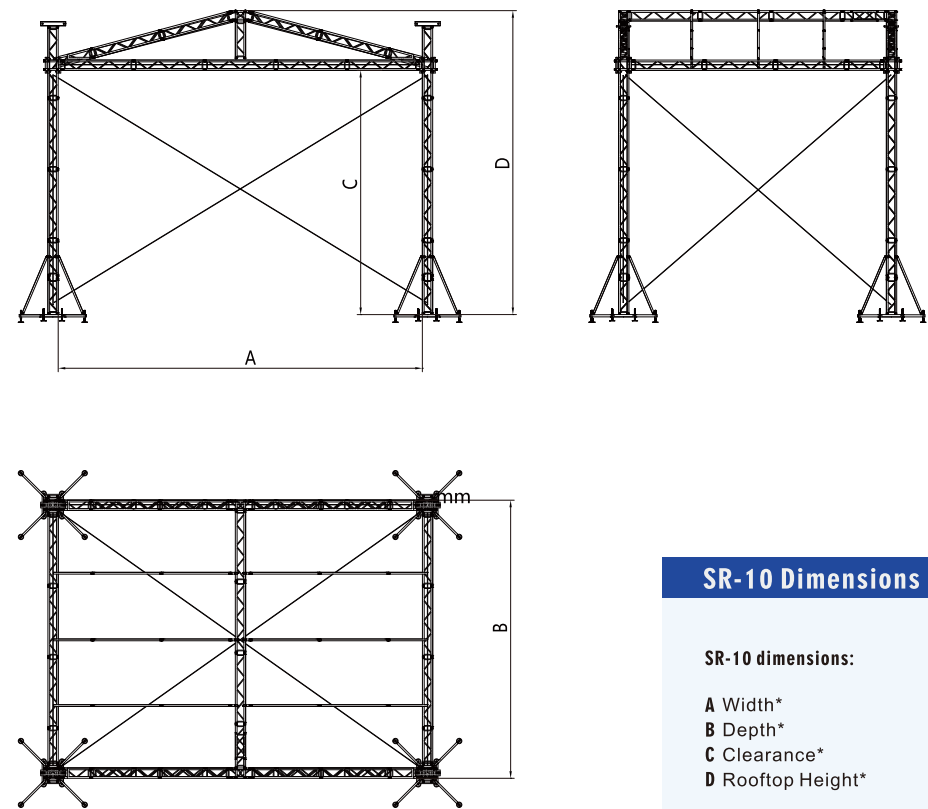
Specifications	
Towers:	F34P
• Main Grid:	F34P
• Roof Structure:	F34P/F32
• Size	14x10, 12x10, 10x8 m.
• Options:	PA Wings

SR-10 Sizes & Loading Metric			
SR-10 Saddle Roof	14x10 m	12x10 m	10x8 m
	4 pillar with 1 ton hoist	4 pillar with 1 ton hoist	4 pillar with 1 ton hoist
User Load Grid TTL:	2700	2800	3000
User Load Width TTL:	1400	1500	1600
User Load Deep TTL:	1300	1300	1350
*TTL (total loading)in kg   **Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).			

Front View



Top View



SR-10 Dimensions			
SR-10 dimensions:	Metric*		
	14x10 m	12x10 m	10x8 m
A Width*	14.2	12.2	10.2
B Depth*	9.8	9.8	7.8
C Clearance*	7	7	7
D Rooftop Height*	9.2	8.9	8.6
Stage area	140m²	120m²	80m²

-in mtrs | --in feet





# SL-10 Slope Roof



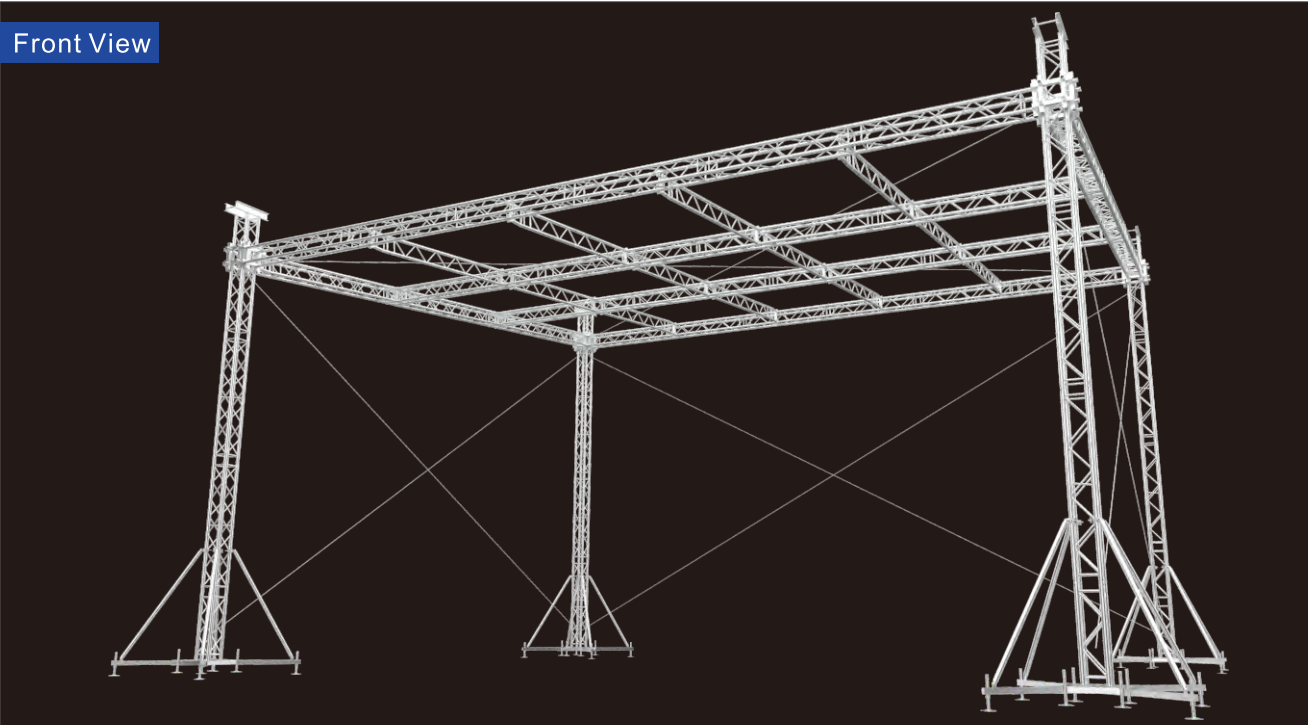
### SYSTEM DESCRIPTION

The slope roof frame consists of F34P tower system, F34P sloping roof towards the rear of the stage.

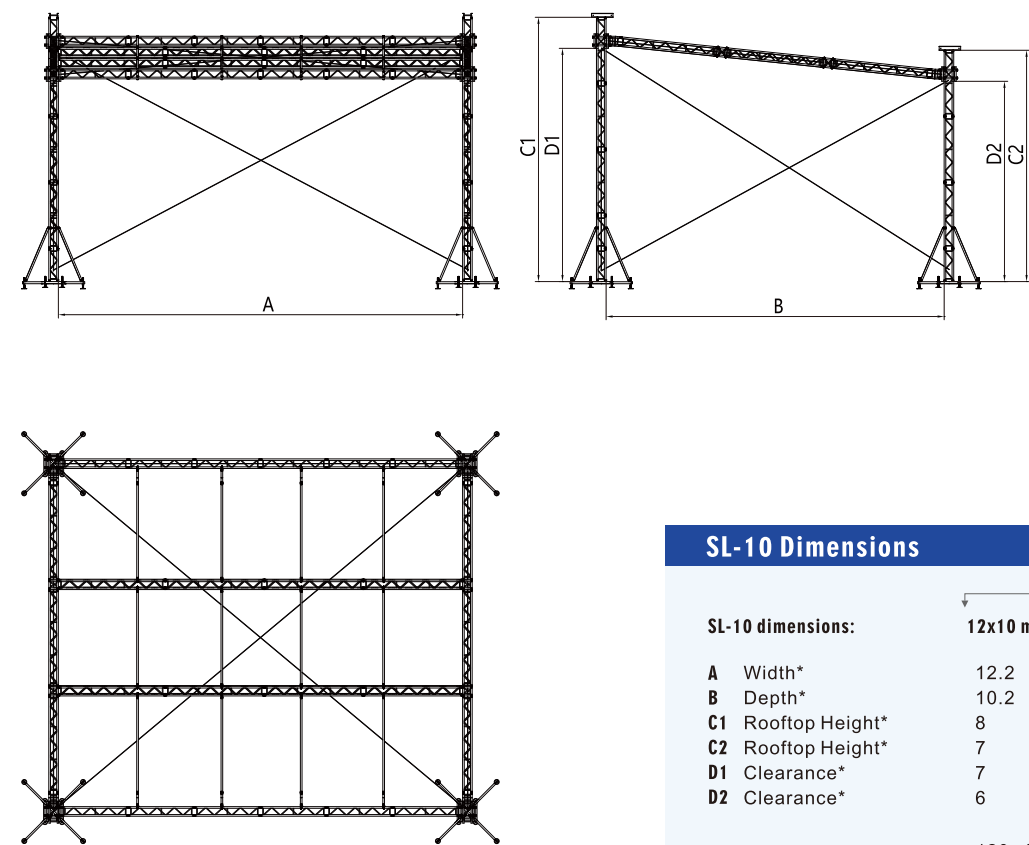
The slope roof has standard load bearing capacity, and is available in 12x10m, 10x8m, 8x6m options. Shinestage can also be customized according to customer needs of different sizes.

Specifications			
Towers:	F34P		
• Main Grid:	F34P		
• Roof Structure:	F34P/F32		
• Size	12x10, 10x8, 8x6 m.		
• Options:	PA Wings		

SL-10 Sizes & Loading Metric			
SL-10 Saddle Roof	12x10 m	10x8 m	8x6 m
	4 pillar with 1 ton hoist	4 pillar with 1 ton hoist	4 pillar with 1 ton hoist
User Load Grid TTL:	2900	3000	3100
User Load Width TTL:	1600	1600	1700
User Load Deep TTL:	1300	1400	1500
*TTL (total loading)in kg 1**Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).			



### Top View



SL-10 Dimensions				
		Metric*		
SL-10 dimensions:		12x10 m	10x8 m	8x6 m
A	Width*	12.2	10.2	8.2
B	Depth*	10.2	8.2	6.2
C1	Rooftop Height*	8	8	8
C2	Rooftop Height*	7	7	7
D1	Clearance*	7	7	7
D2	Clearance*	6	6	6
Stage area		120m <sup>2</sup>	80m <sup>2</sup>	48m <sup>2</sup>

- in mtrs | - in feet

-in mtrs | --in feet





# TR-20 Tunnel Roof



### SYSTEM DESCRIPTION

The tunnel roof consists of standard F44P straight truss and customized corners, featuring 9m (30ft) and an integrated cantilever of ladder truss. It's mainly configured by standard truss. Shinestage can customize any size according to customers needs.

The tunnel roof has a keder structure on top, which can be used to install the canopy.

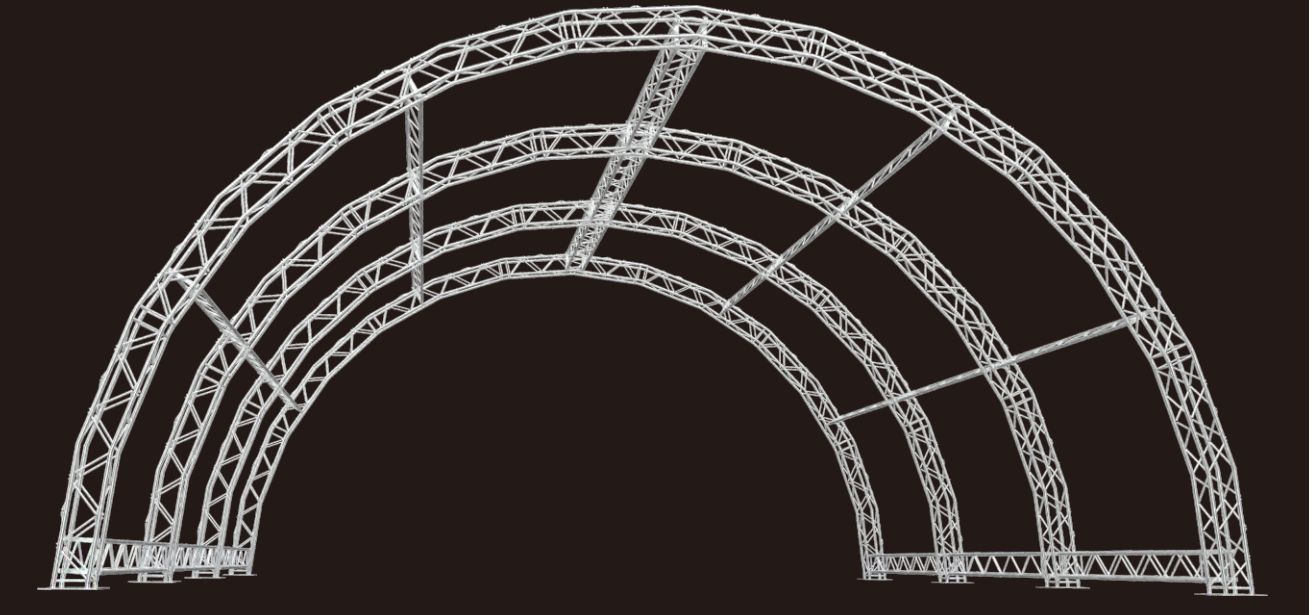
F44P truss is used in different shapes and sizes to assemble the tunnel roof and its base.

Specifications		
• Towers:	F44	
• Main Grid:	F44	
• Size	14x14, 14x10m.	
• Options:	PA Wings , Side Houses	

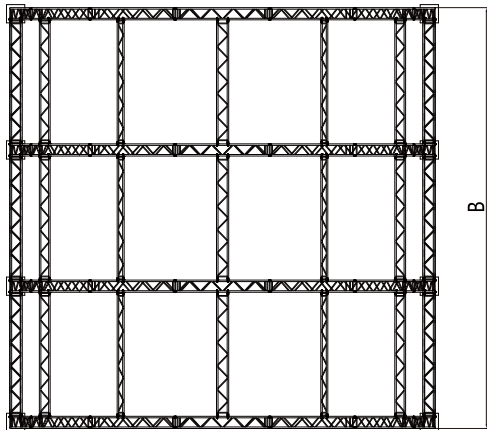
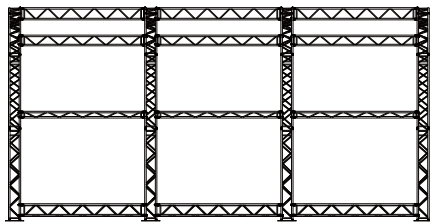
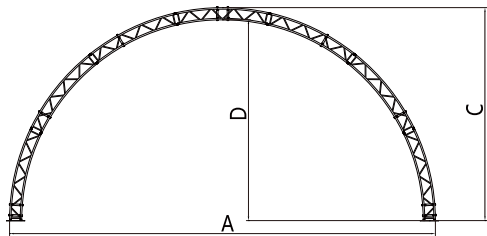
TR-20 Sizes & Loading Metric		
TR-20 Saddle Roof	14x14 m	14x10 m
	4 arc	3 arc
User Load Grid TTL:	5200	3900
User Load Width TTL:	1300	1300

\*TTL (total loading)in kg l \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

Front View



Top View



### TR-20 Dimensions

TR-20 dimensions:	Metric*	
	14x14 m	14x10 m
A Width*	13.2	13.2
B Depth*	14	10
C Rooftop Height*	7	7
D Clearance*	6.6	6.6
Stage area	185m <sup>2</sup>	132m <sup>2</sup>

·in mtrs | ·in feet





### SYSTEM DESCRIPTION

The flat roof, the simplest structure, is a tower-based structure, and can be with two wings for hanging LED screen or audio. It is designed as a standard square or rectangle space with hoist lifting up and down.

Extra beam truss can be mounted on top of the roof to design a different shape as removable hanging truss.

Shinestage can give different designs such as increasing the number of pillar to expand the load-bearing capacity of the beams.

Specifications

Towers:

F44

Main Grid:

F64

Size

14x10, 12x8, 10x6 m.

Options:

PA Wings

FL-10 Sizes & Loading Metric

FL-10 Saddle Roof

14x10 m

12x8 m

10x6 m

4 pillar with 1 ton hoist

4 pillar with 1 ton hoist

4 pillar with 1 ton hoist

User Load Grid TTL:

3000

3100

3200

User Load Width TTL:

1600

1700

1800

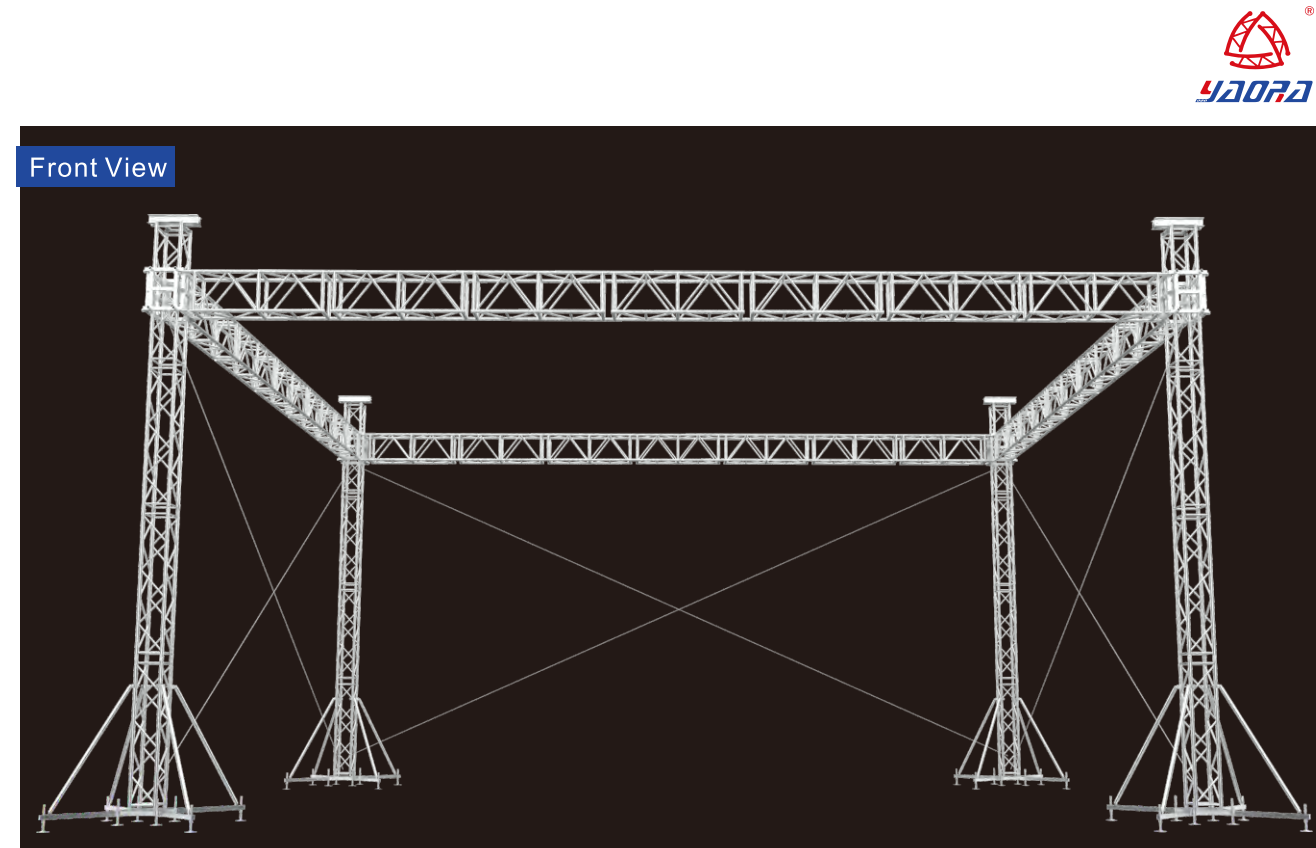
User Load Deep TTL:

1400

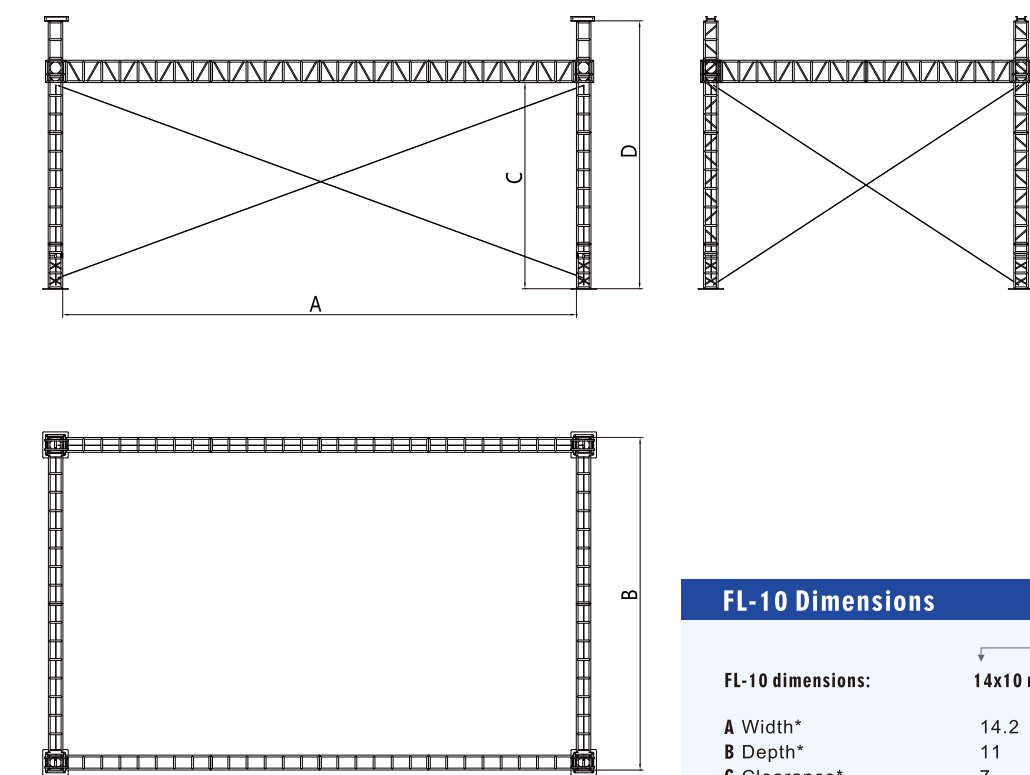
1400

1400

\*TTL (total loading)in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (96ft).



### Top View



FL-10 Dimensions			
FL-10 dimensions:	Metric*		
	14x10 m	12x8 m	10x6 m
A Width*	14.2	12.2	10.2
B Depth*	11	9	7
C Clearance*	7	7	7
D Rooftop Height*	8	8	8
Stage area	140m²	96m²	60m²

·in mtrs | ·in feet



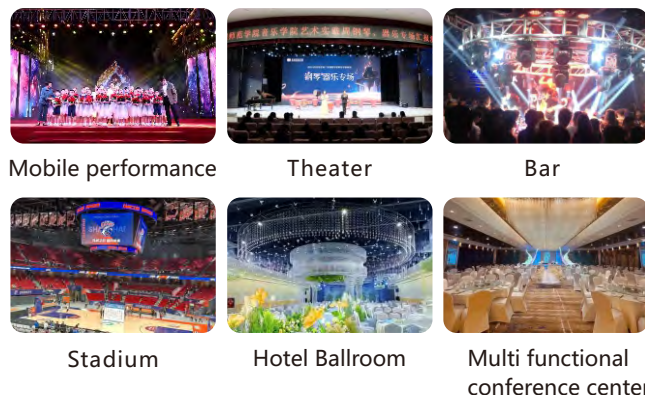


# ELECTRIC HOIST

-A6	-A6 PLUS	-A6 PRO	-A9	
-B2	-C8	-C10	-C12	
-P2	-P6	-P8	-T2	-T4

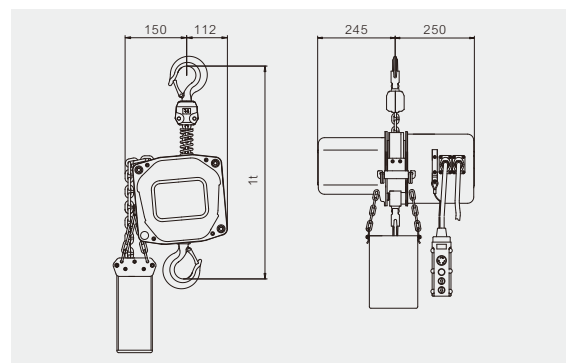


## ELECTRIC CHAIN HOIST



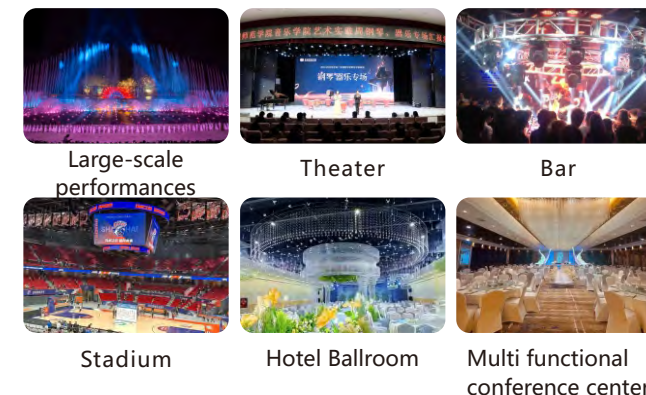
### Product Features

- ▶ Built in control system: 24V low voltage control
- ▶ Single brake system: 1 DC electromagnetic brake, safe and durable;
- ▶ Overload protection: When the load exceeds 120%, the disengaged clutch will provide overload protection, effectively avoiding the danger caused by overload
- ▶ Travel positioning: The adjustable limit switch automatically stops at any predetermined position during the lifting or lowering process of the crane to prevent overtravel.
- ▶ Lifting Chain: High strength 100 level lifting chain with 8 times the safety factor.
- ▶ Protection level: IP56 protection level, suitable for outdoor use



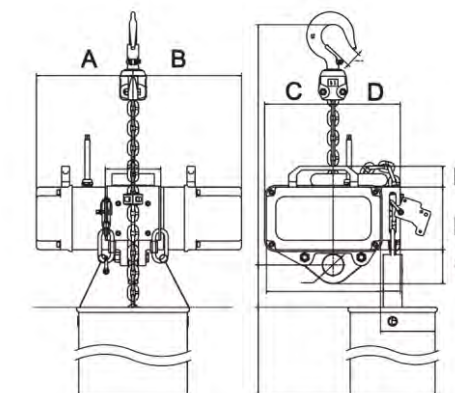
Model	Load capacity (kg)	protection grade	lift speed (m/min)	Motor Power (kw)	Number of chain	Work level ISO FEM	Chain size (mm)	Chain (kg)	Hoist (kg)	Noise level (db)
A6- 50	500	IP56	6	0.8	1	M5 2M	7.1*21	1.0	32	68
A6-100	1000	IP56	4.2	0.8	1	M5 2M	7.1*21	1.0	34	68

## ELECTRIC CHAIN HOIST



### Product Features

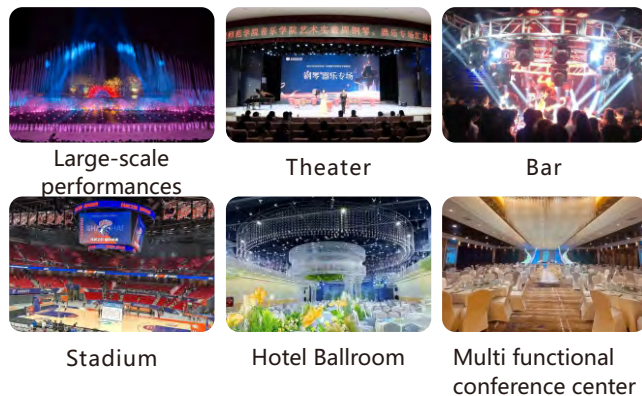
- ▶ High-strength aluminum body, lightweight yet durable. Aluminum alloy casing paired with a unique cooling system, suitable for high-frequency operation.
- ▶ Dual DC electromagnetic brakes support multiple braking modes to ensure safe operation. The encoder displays real-time hook position coordinates and speed, supporting load system positioning.
- ▶ Adjustable limit switches—four independent limit switches can be set individually to meet different control requirements and enhance safety.
- ▶ The chain provides an 8:1 safety factor.
- ▶ Standard lifting height is 25 meters, with other lifting heights available upon request.
- ▶ IP66 protection rating, suitable for outdoor use.



Model	Load capacity (kg)	protection grade	Work level	Chain size (mm)	Number of chain	lift speed (m/min)	Motor Power (kw)	Hoist Weight (kg)	Noise level (db)	Limit switch
A6 PLUS-50	500	IP66	M5(2m)	7.1x21	1	4	0.37	26	68	2 or 2+2
A6 PLUS-100	1000	IP66	M3(1Bm)	7.1x21	1	4	0.75	29	68	2 or 2+2
A6 PLUS-150	1500	IP66	M5(2m)	8x24	1	4	0.75	47	68	2 or 2+2
A6 PLUS-200	2000	IP66	M3(1Bm)	10x30	1	4	1.5	50	68	2 or 2+2

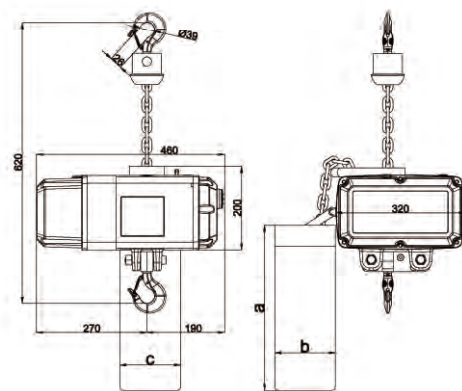


## ELECTRIC CHAIN HOIST



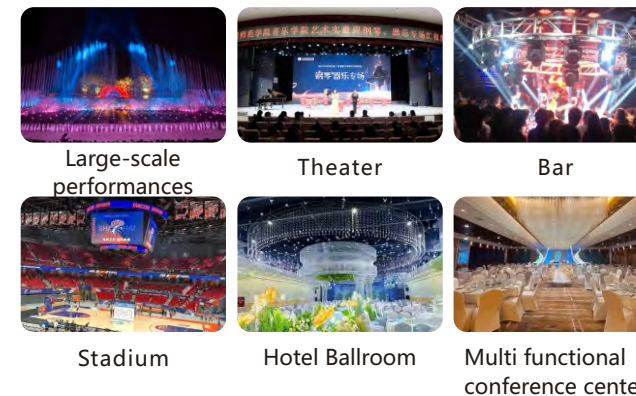
### Product Features

- Protection Rating: IP66, high-strength aluminum alloy shell, die-cast integrated molding, corrosion-resistant, rust-proof, high sealing performance, operable in rain, easy to install, lightweight, and excellent heat dissipation.
- Gearbox: Multi-stage helical gear transmission, gear precision grade 6, quiet and safe operation, fully oil-bath lubricated, sealed for lifetime maintenance-free operation, equipped with temperature regulation, and long service life.
- Clutch: Fully imported wet-type friction clutch plates, with overload protection and anti-overhead functions, designed for lifetime maintenance-free operation.
- Electromagnetic Brake: Instant release upon power failure and immediate braking lock, safe and reliable. The fully enclosed brake is maintenance-free and suitable for harsh working environments.
- High-Performance Motor: Compact size, high starting torque, capable of high-frequency continuous operation, F-class insulation, with optional motor overheating protection.
- G100-Grade Chain: 8620D alloy steel lifting chain, compliant with European EN818-7 standard.



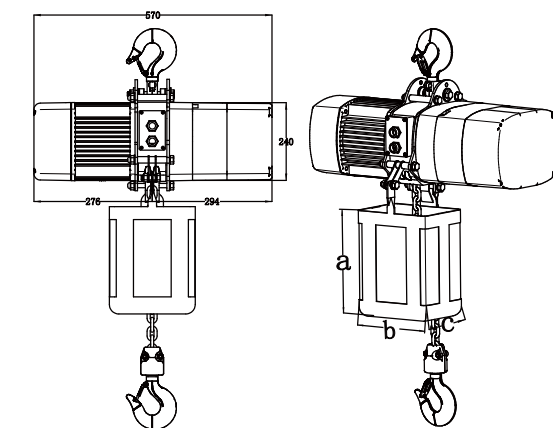
Model	Load capacity (kg)	protection grade	lift speed (m/min)	Motor Power (kw)	Number of Chain chain	Chain diameter (mm)	Net chain weight (kg/M)	Net machine weight (kg)	Noise Level (db)
D8- 50	500	Ip66	4.0	1.5	1	5	0.7	70	≤60
D8-100	1000	IP66	4.0	1.5	1	7.1	1.1	80	≤60
D8-200	2000	IP66	4.0	2.2	1	9	1.7	117	≤60

## HANGING ELECTRIC HOIST



### Product Features

- Independent Electromagnetic Brake: Instant brake release upon power failure with immediate locking mechanism, ensuring reliable safety performance.
- Full Oil-Bath Lubrication: Reduces friction for smoother and quieter operation.
- Aluminum Alloy Motor Housing: Precision-stretched design enhances heat dissipation with IP55 protection rating.
- Built-in Overload Protection Clutch: Automatically disengages the motor when exceeding rated load, preventing damage to hoist body and chain.
- 36V Low-Voltage Control with Reverse Polarity Protection: Prevents circuit activation in case of incorrect power wiring.
- Forged Alloy Steel Hook: Features anti-drop safety latch and 360° rotation capability.



### Product Features

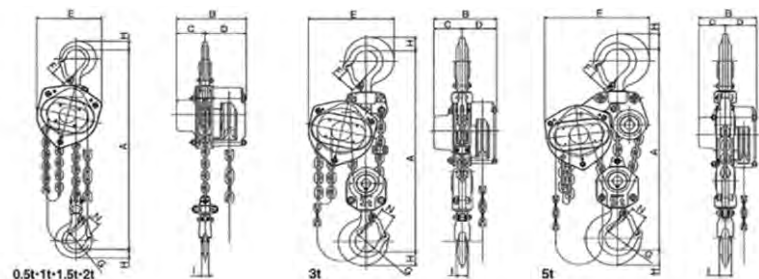
Model	Load capacity (kg)	protection grade	lift speed (m/min)	Motor Power (kw)	Number of Chain chain	Chain diameter (mm)	Net chain weight (kg/M)	Net machine weight (kg)	Noise Level (db)
YNA9- 50	500	IP55	6.8	1.5	1	6.3	0.79	53	≤65
YNA9-100	1000	IP55	7/5	1.5	1	7.1	1.1	62	≤65
D8-200	2000	IP55	6	3.0	1	10	2.1	124	≤65



# Manual hoist

## Product Features

- ▣ Gearbox and handwheel cover resist external impacts.
- ▣ Double-layer housing prevents rain and dust ingress.
- ▣ Reliable and stable braking function (mechanical brake).
- ▣ Dual pawl spring mechanism for enhanced safety.
- ▣ Gears feature high precision and toughness.
- ▣ Extra heavy-duty load chain.
- ▣ Hooks designed for easy operation.
- ▣ Chain guide precision-machined from forged iron.



Model	Lifting Height (M)	Test Load (T)	Maximum Hand Chain Pull Force (Default)	Number of Load Chains	Number of Chain Falls (mm)	Size (mm)				Net weight (KG)
						A	B	C	D	
B2-50	3	0.75	240	1	5	132	148	28	345	9
B2-100	3	1.5	250	1	6	151	172	32	376	12
B2-200	3	3	335	1	8	175	210	36	470	19
B2-200	3	3	350	2	6	151	159	32	315	16
B2-300	3	4.5	363	1	10	176	530	46	565	26
B2-300	3	4.5	370	2	7/8	151	208	46	475	23
B2-500	3	7.5	360	2	10	189	280	46	688	42
B2-750	3	10	410	3	10	188	398	57	688	68
B2-1000	3	12.5	380	4	10	189	463	57	765	70

# Smart Variable Frequency Chain Hoist

## Product Features

- ▣ The frame is made of all aluminum alloy die-casting and CNC integrated processing, which is lightweight and sturdy.
- ▣ The motor adopts a constant torque variable frequency silent motor with low noise, suitable for various working conditions, and meets CE certification.
- ▣ The gearbox adopts a hard tooth surface helical gear machined by grinding, and the gearbox oil bath makes it quieter and more stable.
- ▣ Standard 5-groove alloy steel lifting chain wheel reduces wear and tear.
- ▣ The chain complies with the EN818-7-DAT standard, making it safer and more durable.
- ▣ Heavy load dual DC brake, integrated design, safe and reliable.
- ▣ Load limiting clutch effectively avoids the danger caused by overload.
- ▣ Cam type adjustable limiter achieves dual protection of working limit and limit limit.
- ▣ Work level: ISO: M5 standard, ANSI/ASME: H4 standard, FEM9.511:2M+standard.
- ▣ With a 50% power on retention rate and 300 repeated starts per hour, it is perfectly suited for various performing arts activities.



## Constant speed

Model	Speed (m/min)	Voltage (V)	Full load current (A)	Net weight without chain (mm)	Chain net weight (kg/M)	Chain size (mm)	Number of chains (mm)	Protection level	Noise Level	Implementation Standards
C8-25	4	380-3-50	0.96	14	0.35	4*12	1	IP66	68db (A)	D8+
C8-50	4	380-3-50	1.5	33	1.1	7*21	1	IP66	68db (A)	D8+
C8-100	4	380-3-50	1.5	34	1.4	7.9*21.7	1	IP66	68db (A)	D8+
C8-100T	8	380-3-50	3.8	52	1.4	7.9*21.7	1	IP66	68db (A)	D8+
C8-200	4	380-3-50	3.8	65	2.85	11.3*31	1	IP66	68db (A)	D8+
CB-200T	8	380-3-50	7	68	2.85	11.3*31	1	IP66	68db (A)	D8+

## Variable speed

Model	Speed (m/min)	Voltage (V)	Full load current (A)	Net weight without chain (mm)	Chain net weight (kg/M)	Chain size (mm)	Number of chains (mm)	Protection level	Noise Level	Implementation Standards
C8P-100	0-13	380-3-50	7	54	1.1	7*21	1	IP66	68db (A)	D8
C8P-100T	0-13	380-3-50	7	54	1.4	7.9*21.7	1	IP66	68db (A)	D8+
C8P-50	0-28	380-3-50	7	53	1.1	7*21	1	IP66	68db (A)	C1
C8P-80	0-16	380-3-50	7	54	1.1	7.9*21.7	1	IP66	68db (A)	C2

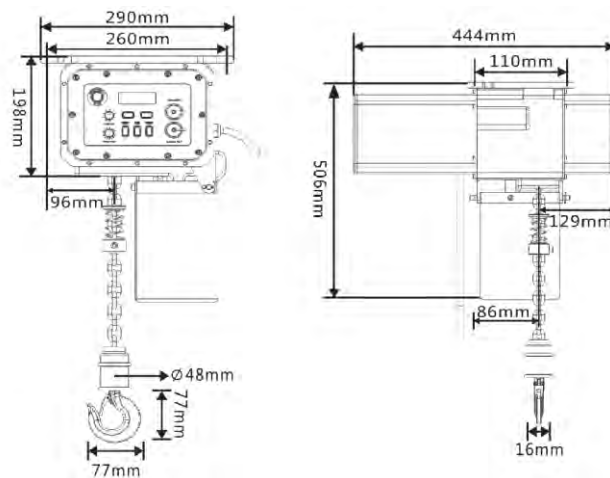


## Intelligent frequency conversion chain CNC hoist

C10 is designed to meet the lighting truss lifting needs of hotel banquet halls, multi-functional conference centers, and performance stages. It uses variable frequency technology and constant speed drive to achieve synchronous lifting of multiple groups. It can also be programmed through a PC to control the different speeds of each crane to create a changing stage effect.

### Product Features

- ▣ Built-in frequency conversion circuit: variable speed or constant speed, ensuring consistent lifting and lowering of heavy and light loads;
- ▣ Precise helical helical gears: quieter operation, noise as low as 68 decibels;
- ▣ Clutch is external to the gear transmission system: meets international safety standards;
- ▣ Low voltage control: weak point dry contact and RS485 control are used;
- ▣ Brake system: heavy load DC electromagnetic brake, safe and durable; single and double brakes can be freely selected.
- ▣ Encoder: provides information such as position, angle and number of turns to cooperate with built-in circuit board control;
- ▣ Fully enclosed sprocket sleeve and upper and lower limit devices: fully enclosed sprocket sleeve design prevents chain lifting sprocket from slipping, and chain upper and lower limits are set to prevent the chain from exceeding the stroke;
- ▣ Built-in adjustable limit switch: adjustable limit switch can stop the hoist at any set position during the lifting or lowering process to prevent overtravel;
- ▣ Electronic stroke positioning: the required upper and lower strokes can be set on the PC or control panel;
- ▣ Overload protection and power-off protection: when the load exceeds 120%, the clutch will be overloaded, and the electronic power-off will be locked in case of dynamic overload. When the power is cut off unexpectedly, the external DC brake will perform the self-locking protection function;
- ▣ IP54 protection level, better protects the built-in circuit board and other electronic devices.
- ▣ Aluminum alloy shell is light and durable: humanized handle, easy to carry, all-aluminum casting, black frosted spray, reduce reflection.



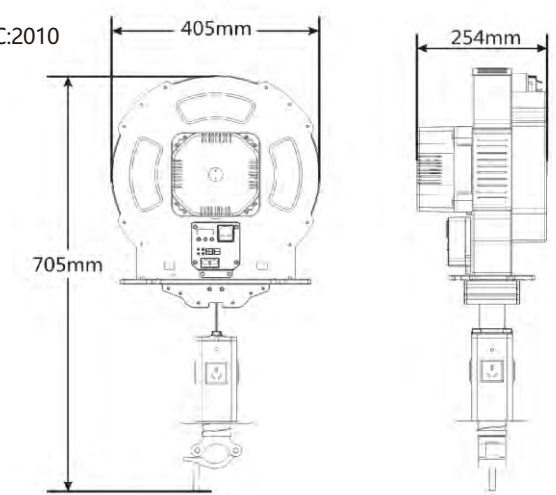
Model	Load capacity (kg)	protection grade	lift speed (Default)(Adjustable)	Motor Power (kw)	Number of chain	Chain diameter ISO	Chain diameter FEM	Load chain specifications (mm)	Chain size (kg)	Hoist weight (kg)	Noise level (db)	
C10- 25	250	Ip54	4	3~6	0.2	1	M5	2M	6*18	0.8	26	68
C10- 50	500	IP54	3.6	2~5	0.4	1	M5	2M	6*18	0.8	28	68
C10-100	1000	Ip54	4.0	0~4.4	0.8	1	M5	2M	8*24	1.0	42	68

## Electric wire take-up

YSPC series electric wire take-up device can be matched with C10 series electric hoist products to form a complete ceiling lifting solution or used independently. It has the functions of active wire release and wire take-up. The wire release and take-up are adaptively matched with cranes or other lifting equipment with a speed of less than 4 meters per minute. It is installed on the ceiling or high in the air and is used for remote power supply and signal control of hoisting lighting and audio equipment. The patented winding wheel slip device and spring buffer device ensure that the pulling when the equipment is started will not damage the cable, and also avoid the cable being broken due to human operation errors.

### Product Features

- ▣ Cable interface of the cable collector: 4 16A sockets (four groups of 2.5 square power cables are defined by the customer) 2 5-pin DMX512 interfaces.
  - ▣ Standard upper and lower limits to prevent overtravel.
  - ▣ Standard built-in optical coupler sensor: the travel positioning can be set arbitrarily.
  - ▣ Winding wheel slip device: the unique patented winding wheel slip device ensures that the cable will not be broken by external force.
  - ▣ Mechanical double limit switch: mechanical double limit switch to prevent overtravel.
  - ▣ Control mode: weak current dry contact, RS485.
  - ▣ Speed control mode: adaptive crane speed  $\leq 4\text{M/min}$ .
  - ▣ Maximum cable tension: 8KG.
  - ▣ Optional accessories: wireless power administrator key, which can be used for multiple emergency brakes.
- Complies with: GB5226.1:2016/CE EN 60204-1:2006+ A1: 2009+ AC:2010 standards

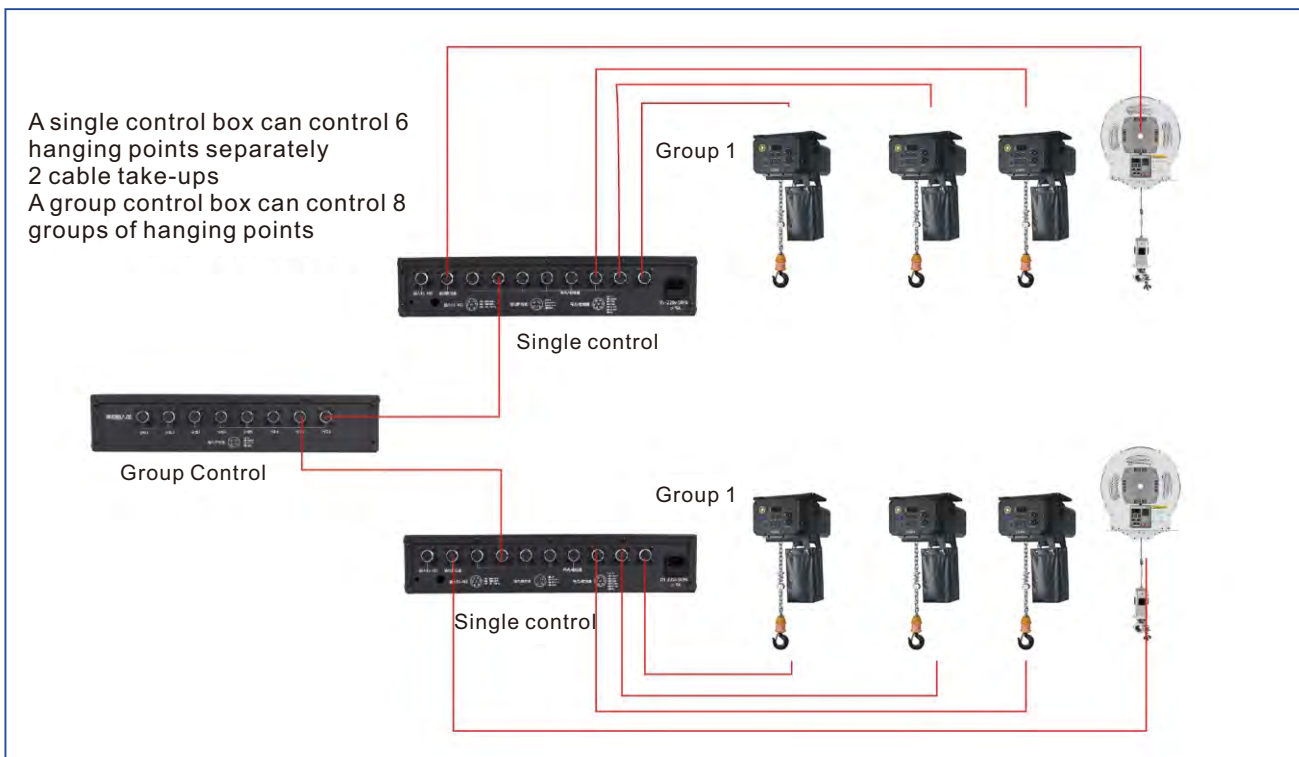




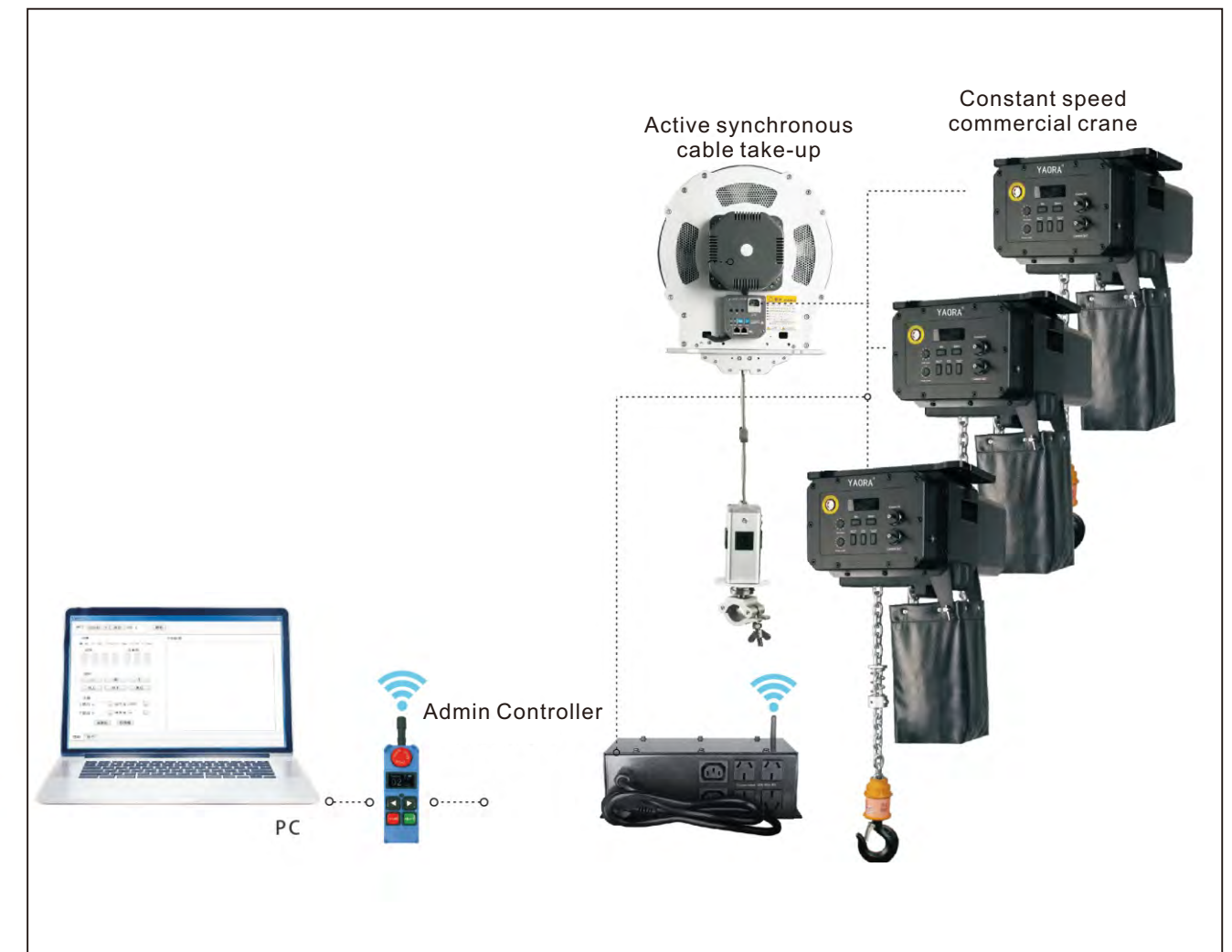


YALA matrix control system is operated by group control box, group control box, LVC lifting point and wire take-up device. It can realize the flexible matching of our LVC lifting point or the simple electric hoist in the existing market with our wire take-up device, and realize easy switching of single or group lifting action. It provides multi-port access to the central control system. The whole set of equipment is low-voltage control and can be flexibly installed in the central control cabinet.

- Each group control box supports 6 24V + 2 dry contact outputs. (LVC box)
- Each group control box supports 8 dry contact outputs. (Pure dry contact output box)
- Each group control box can support low voltage control, weak current dry contact output, RS-485 input, weak current dry contact input.
- The group control box can realize single or full group lifting control through physical buttons. Each group control box supports 8 group control boxes
- The group control box can realize up to 64 hanging points at the same time
- It can realize time positioning and can match the hanging points on the market or our company that use low voltage control (3-phase 380V power supply, 24/36V control). The matching hanging points have physical upper and lower limits
- Group control box, group control box can be equipped with dry contact, RS485, RF input



It includes an intelligent crane, a power supply/signal control combined cable winder and a wireless security administrator controller, providing a comprehensive solution for the lifting of lighting trusses in hotel banquet halls, exhibition centers, theme parks and large stage performance venues. The intelligent cable winder can provide power supply and remote control for lighting equipment and other equipment through four sets of 60A current and two sets of DMX512 control lines. Its adaptive lifting function keeps synchronized with the crane. The wireless security administrator controller enables the entire system to be transmitted through RS485, and while remote control is carried out in the central control room, it also meets the safety regulations that require real-time monitoring on site.





The wireless safety administrator controller is the safety control part of the intelligent commercial crane system. By connecting this controller, the administrator must open the channel of the corresponding lifting group through the transmitter on site before starting the operation of the group to avoid hidden dangers caused by accidental touch. In an emergency, the master control switch can be pressed to forcibly terminate the operation of all marshalling cranes. This complies with the safety regulations that require real-time monitoring on site while performing remote control in the central control room (implementation standard "JB/T 8437-2016" wireless remote control device for lifting machinery).



### ICAC Series Drivers



Property	IAC 1 Series Driver	IAC 3 Series Drivers	IAC 5 Series Drivers	IAC 7 Series Drivers
Control System	Aurora Pro console, Aurora mini console, Goatshow software			
Rated voltage	3-phase 400V			
Power Type	IEC 60309 "CEEform" 32A 400V			
Support motor	Asynchronous motors			Asynchronous motors and servo motors
Closed loop function	/	Support	Support	Support
Power Range	0.75kW–3kW	0.75kW–15kW	0.75kW–11kW	0.75kW–15kW
Brake output	230VAC and 400VAC brake output			230VAC and 400VAC brake outputs 24VDC servo brake outputs
Built-in inverter	/	High performance vector inverter		High performance servo inverter
Zero speed hover	/	Support	Support	Support
Positioning accuracy	±3mm	±1mm	±1mm	±1mm
Communication	CAN communication method		ECAT communication method	
Security protection	Support hard limit and soft limit functions			Support safety limit, hard limit and soft limit functions
Local Control	Standard local control panel and LED display to realize parameter setting, modification and monitoring			
Remote Control	Support remote parameter setting and modification, and parameter set download			
Encoder	Single encoder interface, supports differential incremental encoders			Pre-set dual encoder interface, supports differential incremental and absolute encoders
Topology	Supports daisy chain connection for power and communication			
Protection level	IP20			
Operating temperature	0 to 40°C			
Size	3kW 320×137×180mm	3kW 380×138×228mm	3kW 420×147×230mm 7.5kW 568×282×268mm 11kW 568×302×324mm	3kW 485×160×265mm 7.5kW 560×175×286mm 15kW 590×266×325mm
Weight	3kW 5kg	3kW 8kg	3kW 10kg 7.5kW 20kg 11kW 30kg	3kW 13kg 7.5kW 17kg 11kW 33kg

### PDES system cabinet



Property	ECAT interface	CAN interface	ECAT ring redundancy interface
Emergency stop function	Supports local emergency stop, emergency stop link extension function, SIL3 safety relay emergency stop function, supports Class 0 and Class 1 emergency stop	Support local emergency stop, emergency stop link expansion function, support category 0 and category 1 emergency stop	Supports local emergency stop, emergency stop link expansion function, SIL3 safety relay emergency stop function, supports Class 0 and Class 1 emergency stop
Leakage detection	Built-in adjustable RCD leakage protection, supports bypass function		
Disconnection Ability	Rated 200A circuit breaker, 50kA breaking capacity		
Remote power-off reset	Support		
Local display	5-inch LCD display	LED Display	5-inch LCD display
Local reset	Support		
Three-phase power output	Provide 8 32A three-phase power outputs (with indicator), each with independent output circuit breaker		
Two-phase power output	Provide 4-way 10A two-phase power output (with indicator)		
IAC driver support	Supports up to 128 5-series and 7-series IAC drives	Supports up to 64 1-series and 3-series IAC drives	Supports up to 80 5-series and 7-series IAC drives
Interface Configuration	ECAT switch interface, each channel supports up to 128 5-series and 7-series IAC drivers	Supports 8-way CAN-HUB interface, each of which supports up to 8 1st and 3rd series IAC drivers	Each channel supports up to 20 5-series and 7-series IAC drives, and the ECAT interface supports fiber optic mode
FSDI Input	Support 16-channel live FSDI input	/	Support 16-channel live FSDI input
Network Cascade	Supports networking and cascading of up to 16 PDES cabinets	Supports networking and cascading of up to 4 PDES cabinets	Supports networking and cascading of up to 16 PDES cabinets
Voltage	400V ±10, 200A		/
Interface	8 * IEC 60309 "Ceeform" 32A 400V		/
Dimensions (l* W*H)	600mm × 850mm × 980mm		/
Weight	105kg	102kg	/



# Aurora Series Console

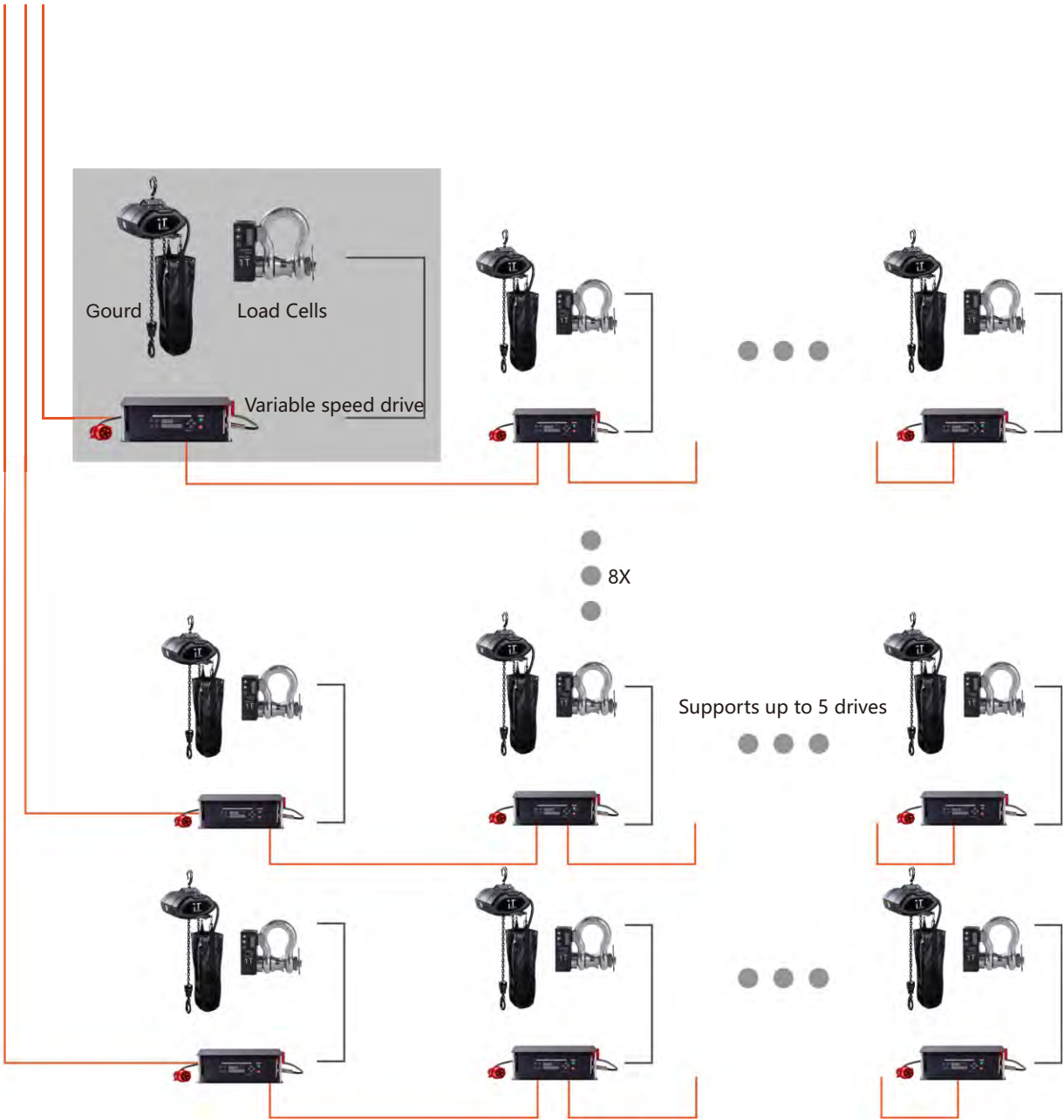


Property	Aurora Pro	Aurora Mini
Emergency stop function	Local emergency stop, supports category 0 and category 1 emergency stop	
User permission settings	Support	
Computer configuration	Built-in Advantech high-performance industrial computer	
Screen Configuration	Dual 17.3-inch touch display	Single 17.3 inch touch display
Power Configuration	Built-in power filter and UPS function (3min), automatically shut down the computer power when UPS is low on power	
Communication	Support 100M Ethernet and fiber optic communication	Support 100M Ethernet
DMX512 Communication	Support	
LTC Time Code	Support	/
Cascade Mode	Supports up to 2	/
Hot Standby Mode	Support	/
IAC driver support	Supports full range of IAC driver networking control	
Hotkeys and Channels	158 hot keys, 6 channel groups, unlimited scenes	134 hot keys, 2 channel groups, unlimited scenes
Number of supported drivers	2048	64
Programmatically	Tabular programming, object-based programming	Tabular Programming
3D Display	Support	/
Program Download	Can directly maintain drive device parameters, built-in parameter sets, support batch download and update	
Voltage	180 – 264V AC, 47– 53Hz	
Interface	Control channels × 6, control command shortcut keyboard × 2,Fiber optic interface × 2, Ethernet interface × 2,DMX512 interface × 1, LTC interface × 1,USB expansion × 2, gooseneck light × 1, standard 61-key keyboard × 1	Control channel × 2, control command shortcut keyboard × 2Ethernet interface × 2, DMX512 interface × 1,USB expansion × 2, gooseneck light × 1
Dimensions (L*W*H)	890mm×670mm×230mm	440mm×560mm×330mm
Weight	40kg	15kg

PDES system cabinet



Console





Hoist controllers are generally 1-way, 4-way, 8-way, 12-way, 24-way, 36-way, etc. Depending on the model, they are built into smaller than size aviation boxes or vertical cabinets. The controller only needs one button to control the single action or group linkage of the electric hoist. Each controller has a pre-set system for electric hoists. Stage electric hoists also have panel/remote control as standard equipment. Electric hoists have multiple functions, low-voltage control, adjustable limit switches and motor overheat protection, etc., which can be operated with this controller. Only one power supply cable is needed. It has a wide range of uses. The controller can be connected to form a control system that can control up to 40 electric hoists. All pre-selected electric hoists can be synchronized by a run button. Other settings can also be set according to requirements.

## Portable box

- ▶ Power supply range: three-phase five-wire AC380V input, AC380V output
- ▶ Input and output: 32A 5-core input, 8\*16A 4-core output
- ▶ Equipped with main switch and power indicator light
- ▶ Manually control the lifting and lowering of each channel
- ▶ Equipped with emergency stop and start buttons
- ▶ Dimensions: L380\*W380\*H1807
- ▶ Specifications: Customizable, 4/6/8/12 channels.



## Aviation box type

- ▶ Power supply range: three-phase five-wire 400A AC380V input, AC380V output
  - ▶ Output: Weipu 16A4 core \* 24 circuits, suitable for any load
  - ▶ Equipped with main switch and sub-circuit switch, high-section air switch with double protection of overload and short circuit
  - ▶ Humanized design with base panel for easy maintenance and replacement
  - ▶ Real-time monitoring of three-phase voltage, intuitive display
  - ▶ With online interface, convenient for serial connection
  - ▶ With phaser design, 3-phase line will not work if connected incorrectly
- Dimensions: International standard 13U3 open door aviation box  
Specifications: Customizable, 4/6/8/12/24 channels.



## PLC control system features

- ▶ Main controller: touch screen + PLC;
- ▶ Number of control routes: customizable;
- ▶ Touch screen size: optional (5" 7" 10" 12" 15" )
- ▶ Point control, centralized control function: control any line or multiple lines to go up, down, position at a fixed point and stop at the same time;
- ▶ Grouping function: multiple lines can be grouped into one group, and the lines in the same group can run synchronously;
- ▶ High-precision positioning: the zero position, lower limit, upper limit, positioning position and other parameters of each hanging point can be set arbitrarily;
- ▶ Status display: real-time display of current position and operation status (up, down, operation, stop, speed, limit, etc.);
- ▶ Repeat positioning accuracy: error less than  $\pm 3\text{mm}$ ;
- ▶ Safety protection: software and hardware limit, top protection, emergency stop button, touch screen authority, stall and slip detection, fault alarm, short circuit, leakage, phase loss and phase sequence protection;
- ▶ Storage: real-time data is automatically saved to reduce maintenance;



According to project requirements, ordinary dry contact control or PLC control system can be selected





## Monorail series trolley

A horizontal transfer system specially developed for electric chain hoists. Equipped with an IAC variable frequency control system, it can control the horizontal movement of the equipment to achieve smooth start and steady braking. Its core anti-sway technology can effectively suppress hoisting sway during load handling, and is especially suitable for high-precision horizontal movement operation scenarios such as theater opening and closing screens.

Product	Working Level (ISO)	Maximum speed (mm/s)	Operating power (KW)	Duty cycle (FC%)	Maximum load (kg)	Track width (mm)	Net weight (kg)	Specification (mm)
Active car	M5	600	1.3	40	2000	98	51.7	535x341x296
Driven trolley	M5	600	.....	.....	2000	98	39.8	446x249x296
Hanging trolley	M5	600	.....	.....	50	98	1.75	165x140x160

Smooth starting and braking  
Stable operation, low noise  
Anti-sway when carrying loads  
Quick installation and commissioning  
Electric trolley frequency conversion control  
Dual trolley screw design



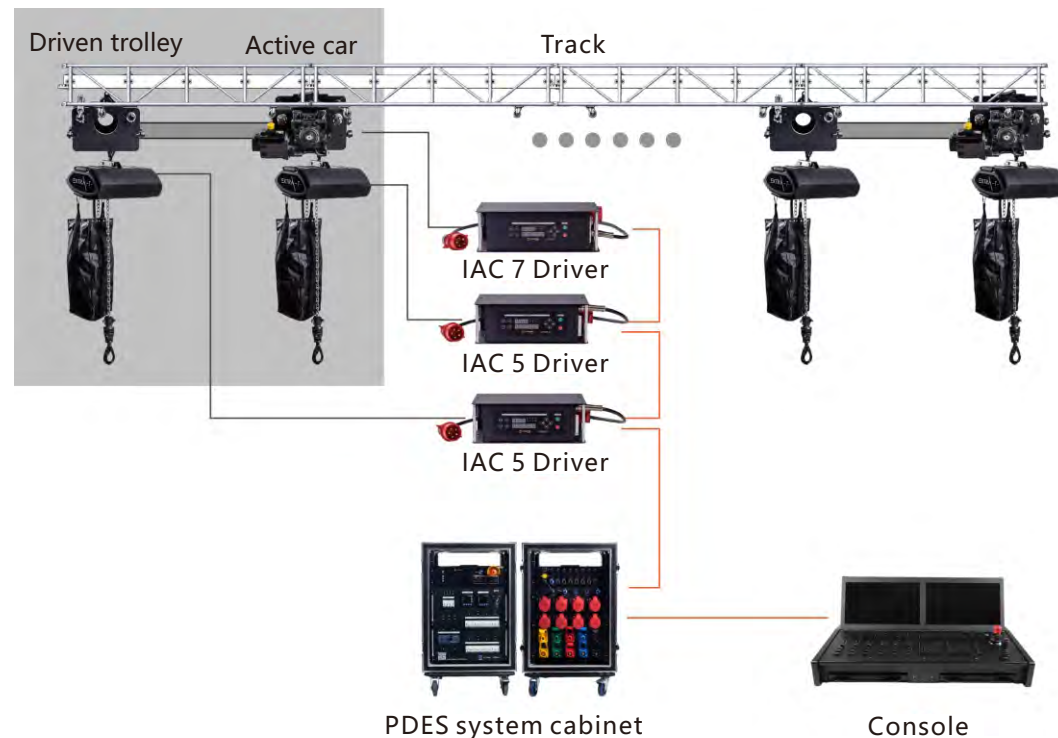
Active car



Driven trolley



Hanging trolley



## Double track series trolley



A horizontal transfer system specially developed for electric chain hoists. Equipped with an IAC variable frequency control system, it can control the horizontal movement of the equipment to achieve smooth start and steady braking. Its core anti-sway technology can effectively suppress hoisting sway during load handling, and is especially suitable for high-precision horizontal movement operation scenarios such as theater opening and closing screens.

Product	Job Level (ISO)	Maximum speed (mm/s)	Operating power (KW)	Duty cycle (FC%)	Maximum load (kg)	Track width (mm)	Net weight (kg)	Specification (mm)
Double track active trolley	M5	600	1	.....	1500	308	52	500x368x276
Double track driven trolley	M5	600	.....	.....	1500	308	37	389x285x290
Rotating trolley	M5	600	0.75	.....	1000	308	38	356x168x422
Double track hanging trolley	M5	600	.....	.....	40	308	1.67	222x116x70



Double track active trolley



Double track driven trolley

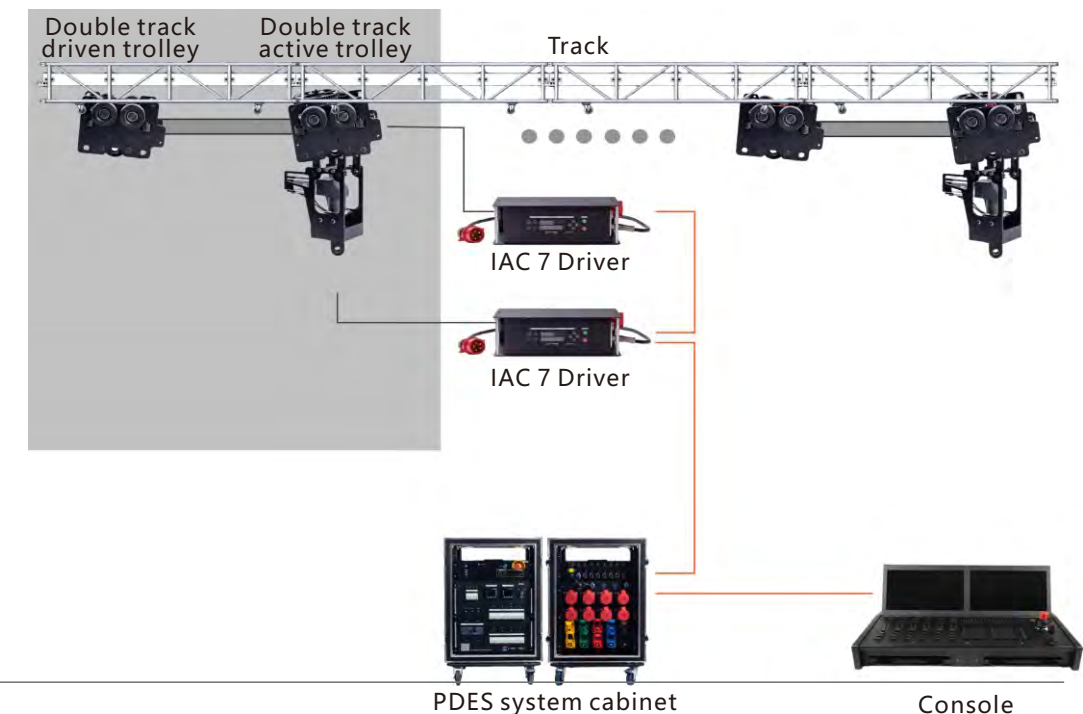


Double track hanging trolley



Rotating trolley

Applicable to double-track truss frame track  
Dual-track design ensures smooth steering of the trolley  
Smooth starting and braking  
Stable operation, low noise  
Anti-sway when carrying loads Quick installation and debugging  
Electric trolley variable frequency control







## Intelligent frequency conversion CNC hoist

### Shackle type load cell



- ▣ Standard shackle design, high space utilization.
- ▣ High safety, providing two safety factor products of 10:1 and 5:1.
- ▣ Measuring range 0.5T~5T, the system as a whole has 150% full-scale overload capacity.
- ▣ Adopting integrated power and communication cable, XLR-5-core interface, supporting single-point connection and daisy chain networking.
- ▣ CANOPEN communication mode, users only need to set the address, and networking is fast and convenient.
- ▣ Local 3-button menu operation, digital display, simple and easy to use.

### Wireless Bluetooth Load Cell



- ▣ 3/4 and 7/8 standard shackle design, high space utilization.
- ▣ Provide products with safety factors of 6:1, 8:1 and 10:1, with 2 times overload capacity. Load capacity range is 0.5T to 5T.
- ▣ Measurement error: maximum 1% of load capacity.
- ▣ Support 2.4G wireless communication, with a maximum communication distance of up to 100 meters. Built-in battery power supply, the longest working time is up to 180 days.
- ▣ Charged through the standard TYPE-C port.
- ▣ No additional wiring is required after installation, easy to use.
- ▣ Local 3-button menu operation, digital display, simple and easy to use.

### Weighing master



- ▣ A single master can manage 100 kilOCell weighing devices. Supports cascading of 8 kilOHubs, easily building a large monitoring system.
- ▣ 8-channel CANHUB patented design, flexible and simple for users to use.
- ▣ Each channel supports up to 16 devices, single-cable daisy chain connection.
- ▣ 2 standard POE interfaces.
- ▣ Standard 2U chassis, 230VAC power supply.
- ▣ Local LED status indication.
- ▣ Provides 4 DI and 2 DQ outputs.

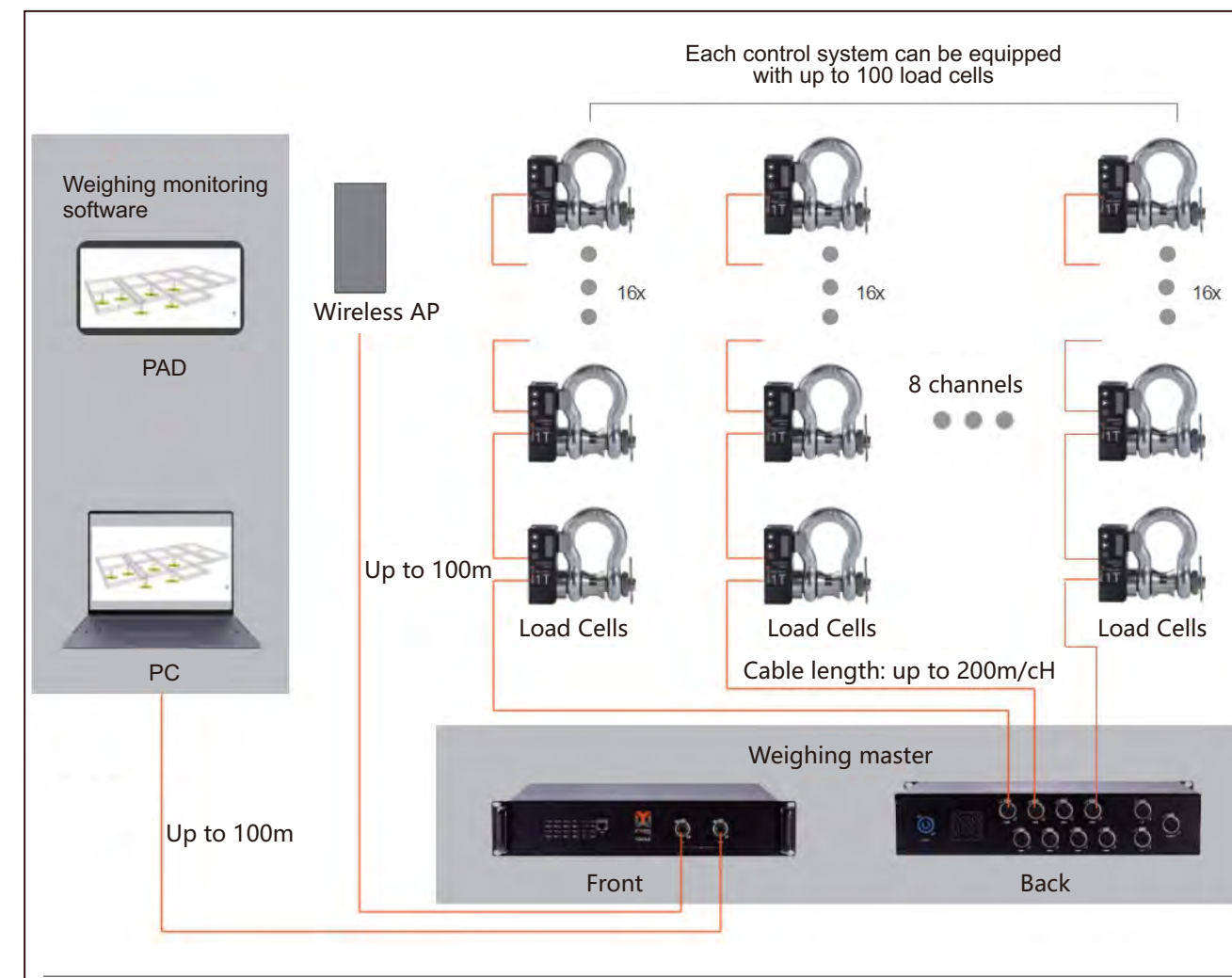


## Electric wire take-up

### Weighing monitoring software



- ▣ Projects can be built in advance or equipment can be scanned on site.
- ▣ Provide multiple monitoring interfaces: bar graphs, bar charts, tables, 2D layout diagrams
- ▣ Provide real-time data monitoring of node (grouping) loads
- ▣ Provide alarm, under/overload protection functions
- ▣ Provide real-time recording of operating data
- ▣ Provide object grouping display, top display and other functions
- ▣ Provide multi-area monitoring interface







# STAGE

-YS2 -YS4 -YS6 -YS8A -YS8B -XT-01 -XT-02

-XT-03 -XT-04 -YP-01 -YW-01 -LB-01 -LB-02







Specifications	
Size&Bearing	1000×2000mm (500kg/㎡)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Package Size	1020(1240)×2020(2460)×90mm
Use Range	Indoor / Outdoor

Stage ramp is strong, stable and easy to assemble. It has been designed to attach securely to stage deck, available in a wide variety of heights and configurations. This cost-effective ramp solution helps ensure that all performers have an equal chance to step on the stage.

Clear width on ramp is available of 914 mm and Landings are a minimum of W x D 1524 x1524 mm in any direction change. Railings extend 762 mm are available at the end of handrails. Multiple ramp configurations available to fit your needs. 610 mm ramp, elevation shown with contrasting color indications designate any elevation changes. Compact storage is ideal for facilities that have limited storage space. Parts are labeled for quick set-up. Adjustable legs are provided for easy set-up on uneven surfaces.



### ACCESSORIES

Mid-Rails

### CONFIGURATIONS

Stagehander-Compliant Ramps are customized to your specific application. Call your Shinestage representative for the best solution and budget estimate for your program



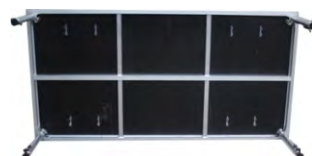
Specifications	
Size&Bearing	1000×1000mm (1000kg/㎡)
	1220×1220mm (700kg/㎡)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Package Size	1020(1240)×1020(1240)×90mm
Use Range	Indoor / Outdoor





1000×2000mm

Specifications	
Size&Bearing	1000×2000mm (500kg/m²) 1220×2440mm (400kg/m²)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor



1220×2440mm



Specifications	
Size&Bearing	1000×1000mm (1000kg/m²) 1220×1220mm (700kg/m²)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor



Specifications	
Size&Bearing	1000×1000mm (1000kg/m²) 1000×2000mm (500kg/m²) 1220×1220mm (700kg/m²) 1220×2440mm (400kg/m²)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor
Leg	Square leg







Specifications	
Size&Bearing	1000×1000mm (1000kg/m²) 1220×1220mm ( 700kg/m² )
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor



Specifications	
Size&Bearing	1000×2000mm (500kg/m²)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor

YS6:300×1000mm



YS6:300×1220mm



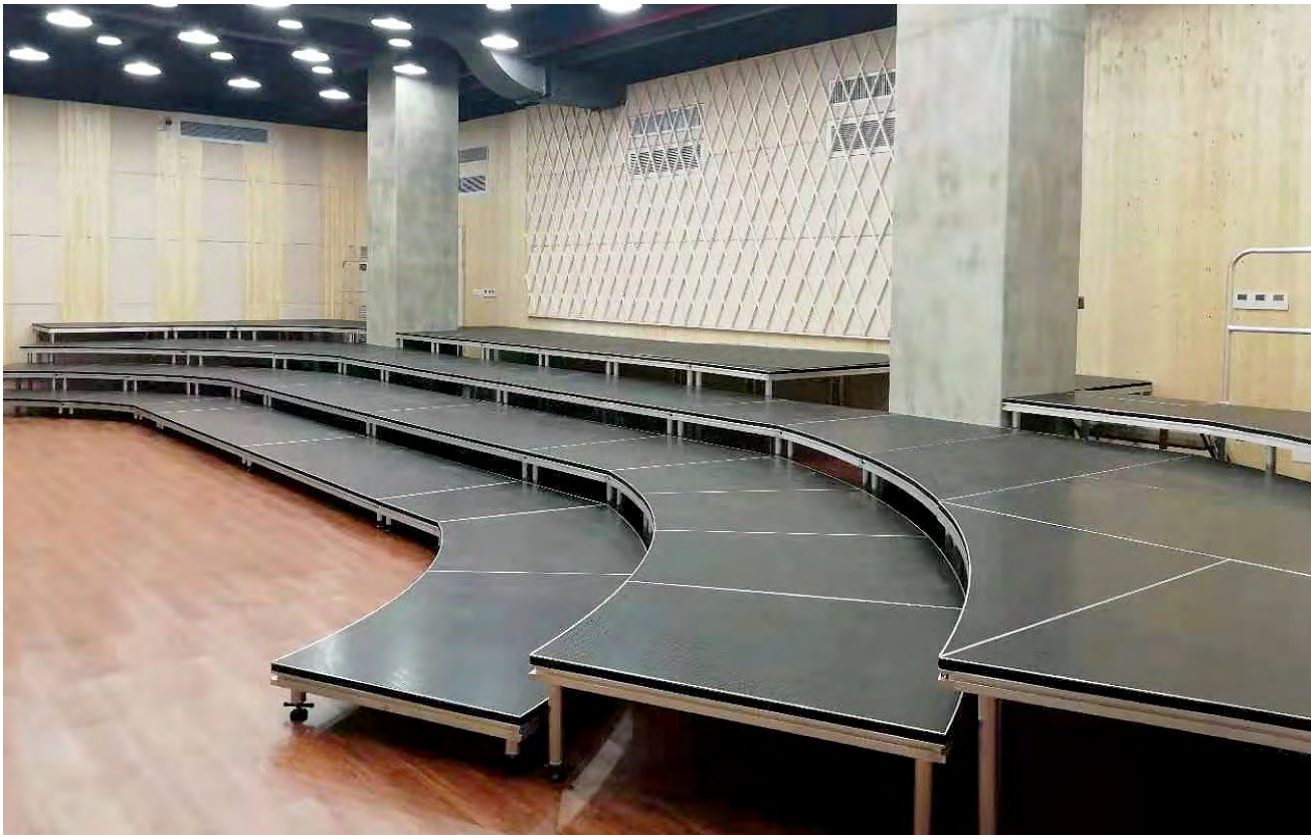
YS6:300×2000mm



YS6:500×2000mm



YS6:600×2440mm







Round Legs (Fixed Height)		
Height	200mm	900mm
	300mm	1000mm
	400mm	1100mm
	500mm	1200mm
	600mm	1300mm
	700mm	1400mm
	800mm	1500mm



Round Legs(Adjustable Height)	
Height	300mm-450mm
	400mm-600mm
	500mm-800mm
	600mm-1000mm
	700mm-1200mm
	800mm-1400mm



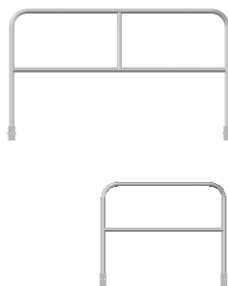
Stairs (Adjustable Height)	
Height	4 Steps
	5 Steps
	6 Steps
	7 Steps
	8 Steps



Stairs (Adjustable Height)	
Height	2 Steps
	3 Steps
	4 Steps



Stage Rails( Europ Standard)	
Size	1000x1000mm
	1000x1220mm
	1000x2000mm
	1000x2440mm



Stage Rails (Asia Standard)	
Size	1000x1000mm
	1000x1220mm
	1000x2000mm
	1000x2440mm



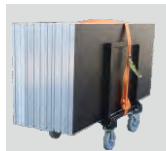
Stairs Rails(Europ/Simple Standard)	
Size	1680x1170x50
	1880x1470x50
	2080x1770x50
	2280x2070x50
	2480x2370x50



Rails Cart	
Material	Iron



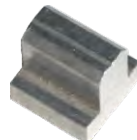
Stage deck Dolly(L shape)	
Material	Iron Steel
	9pcs In One



Stage deck Dolly(U shape)	
Material	Iron Steel
	9pcs In One



Deck Clamp	
Material	Iron Steel



stage Deck leveling	
Material	aluminum 6061-T6



Legs clamp (2& 4 legs)	
Material	Aluminum 6061-T6



legs foot	
Material	Iron Steel with adjustable



Rails clamp	
Material	Stainless steel



stage Deck skirting	
Material	Fire rating



## YS8A



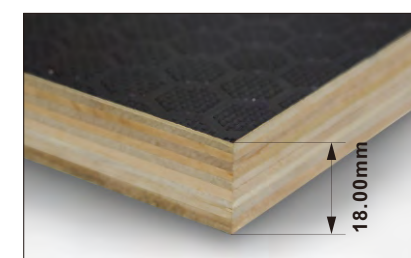
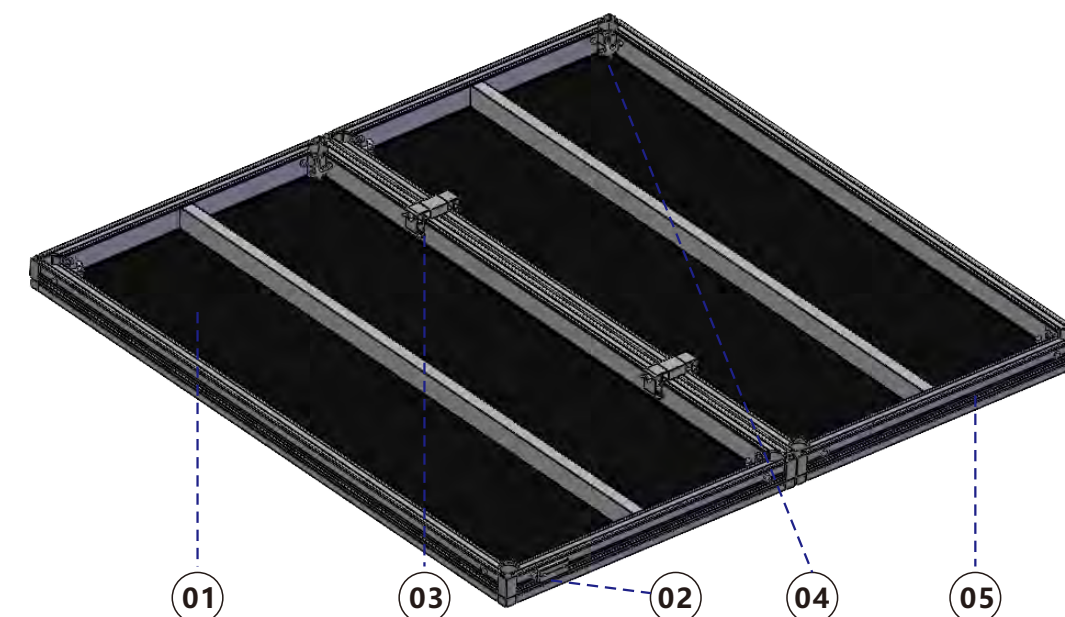
Specifications	
Size&Bearing	1000×2000mm(750kg/m²) 1220x2440mm(500kg/m²)
Face&Weight	1000×2000mm(40kg) 1220x2440mm(55kg)
frame+panel	Aluminum alloy 6061-T6 18mm plywood
Panel Type	Standard 18mm thick anti slip panel Optional carpet/glass/acrylic panels
Min height	90mm
Max height	2000mm

## YS8B



Specifications	
Size&Bearing	1000×2000mm(750kg/m²) 1220x2440mm(500kg/m²)
Face&Weight	1000×2000mm(40kg) 1220x2440mm(55kg)
frame+panel	Aluminum alloy 6061-T6 18mm plywood
Panel Type	Standard 18mm thick anti slip panel Optional carpet/glass/acrylic panels
Min height	90mm
Max height	2000mm

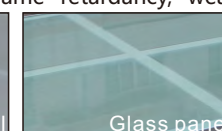
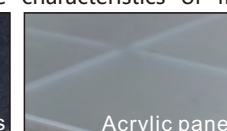
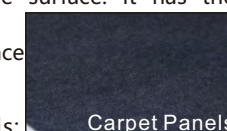
## YS8 stage panel back view



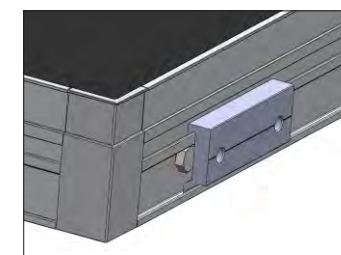
### 01/Panel (standard)

The YS8 stage panel is made of 18mm thick high-density plywood specially used for international stages. It is solid wood compression-molded and has an anti-slip treatment on the surface. It has the characteristics of flame retardancy, wear resistance, and oxidation resistance.

Optional panels:

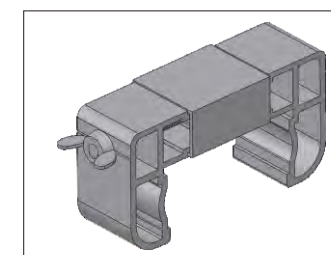


Panel size	1000mm×2000mm	1220mm×2440mm
Panel packaging size	1020×2020×100mm	1240×2460×100mm
Anti-slip panel weight	36.7kg	49.8kg



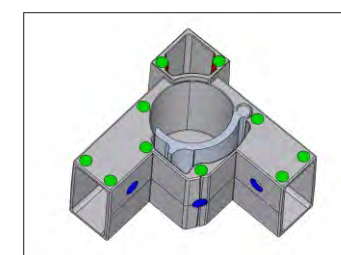
### 02/Fasteners

A fastener that is specially molded to match the YS8 stage, which can be quickly assembled and disassembled when used with cover plates, stairs, etc.



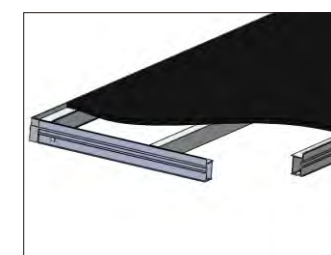
### 03/Stage clamp

The stage is connected with the stage frame clamp to lock the two stages tightly, which is quick and firm to install.



### 04/Post clamp

The column clamp is independently cast and built-in with the frame material. The column pressing piece and column leg are installed more closely to bear the force, making the whole stage more stable and firm.



### 05/Stage frame

Made of all-aluminum alloy aviation-grade aluminum 6061-T6, its mechanical properties include tensile strength  $R_m$  (MPa)  $\geq 260$  and yield strength  $R_{p0.2}$  (MPa)  $\geq 240$ , meeting the requirements of high-strength loads.





### Layer leg support structure

The layer leg support structure is a highly flexible support that provides a bridge between stages. Each tube is independent, easy to assemble and transport, and the frame size can be flexibly assembled and matched according to needs.

The layer leg support structure is used with the YS8 stage panel. This model can be selected for stage requirements with a height of more than 2 meters

- \* Fine height adjustment of 1-6 inches (1-152mm) can be achieved by using the layer foot cup
- \* Can be built without tools

Surface: natural color or spray-coated

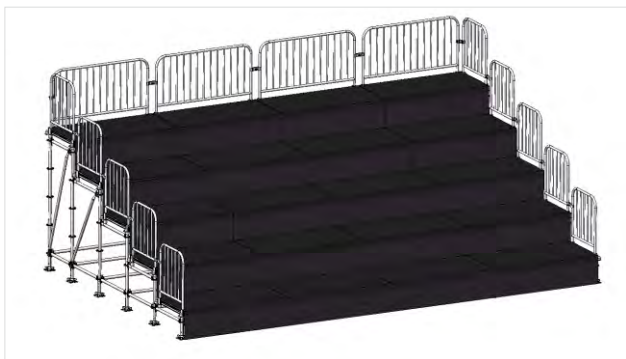


### Mobile Stage

The mobile stage is equipped with a retractable caster assembly, so it can be moved on a flat floor when fully assembled. The mobile stage consists of multiple X-shaped stage leg support structures and YS8 stage panels, which can be assembled into the desired area according to actual needs to create a large enough performance area. When not in use, the support frame can be used as a deck storage.Customization is available upon request.

**Specifications: 2000×1000×1000mm\*9 sets**

This stage can be built without tools



### Layer Leg Stand Structure

The layer leg stand structure is a perfect fit for flexible seating needs. Its main features are quick installation, flexible configuration and space-saving storage. Installation requires only two people and custom sizes are possible for even the most unusual venues.The layer frame can be quickly installed without the use of toolsSurface: natural or painted

Providing the finest stage accessories, including portable stage ladders (fixed and adjustable) and other items to ensure a safe and successful performance.



### Fixed stairs

The fixed stairs can be flexibly matched according to the height of the stage. Each step is fixed by screws and can be quickly and firmly connected to the YS8 stage platform. The handrails are also available as accessories for the stairs, which are very convenient and efficient to install and remove. No loose parts or special tools are required, and the stair surface can match the stage surface. Handrail: Equipped with a stair system with a locking structure, connected to both sides of the stairs  
Handrail finish: milled aluminum or sprayed

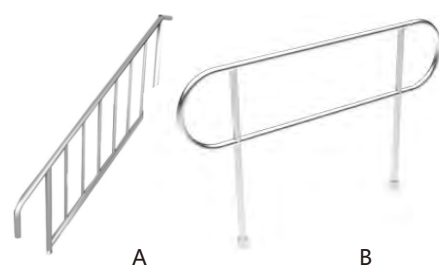
Fixed stairs			
Model	Specification	Degree	Weight
YSL-2	W300xH150mm	Level 1	4.914kg
	W300xH300mm	Level 2	5.669kg
	W300xH450mm	Level 3	6.070kg
	W300xH600mm	Level 4	6.470kg
	W300xH750mm	Level 5	6.871kg



### Foldable stair

Foldable stair easily adjust to stage height and include a locking mechanism that quickly and securely attaches to the stage platform. No loose parts or special tools are required, and the stair surface can be matched to the stage surface.Handrails: Equipped with a stair system with a locking mechanism that attaches to both sides of the ladder

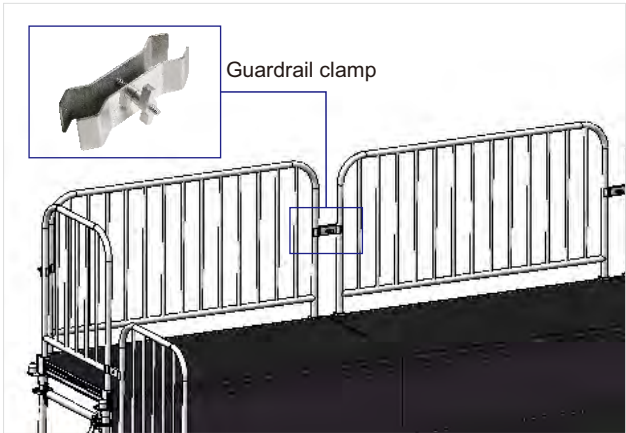
Folding stairs (adjustable height)			
Model	Specification	Degree	Weight
YSL-1		Level 3	26.175kg
		Level 4	31.792kg
		Level 5	37.409kg



Guardrail				
Guardrail Type A			Guardrail Type B	
Model	Specification	Weight	Specification	Weight
YSH-2	1680x1170x50mm	4.064kg	1700x1080x60mm	4.064kg
	1880x1470x50mm	5.066kg	2171x1080x60mm	4.83kg
	2080x1770x50mm	6.068kg		
	2280x2070x50mm	7.071kg		
	2480x2370x50mm	8.073kg		



Providing the finest stage accessories: including custom-made guardrails that ensure safety while enhancing the aesthetics of your venue.

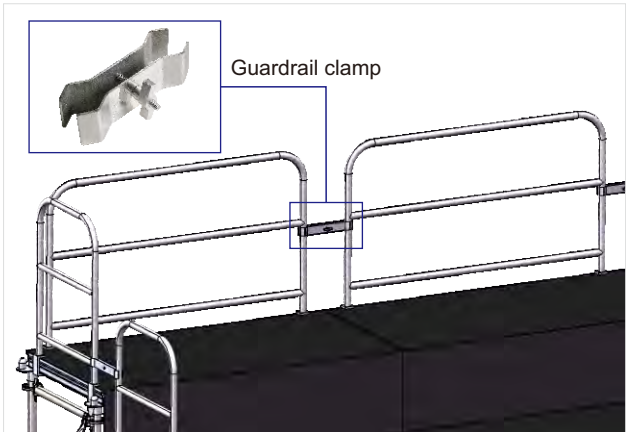


**Stage guardrail (European style)**  
The stage guardrail can be firmly locked on the stage panel through a special locking structure to ensure the safety of performers and audiences. The guardrails are firmly connected by guardrail clamps.It can be easily installed and removed.Surface: aluminum finish or spray-painted

Guardrail clamp		
Model	Material	Weight
YSHJ-1	Stainless steel	0.62kg

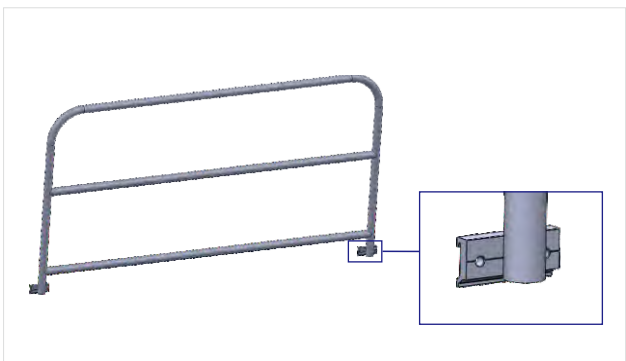


Stage guardrail (European style)			
Model	length	High	Weight
YSH-1	1000mm	1000mm	4.137kg
	1220mm	1000mm	4.909kg
	2000mm	1000mm	7.372kg
	2440mm	1000mm	8.664kg



**Stage guardrail (Asian style)**  
The stage guardrail can be firmly locked on the stage panel through a special locking structure to ensure the safety of performers and audiences. The guardrails are firmly connected by guardrail clamps.It can be easily installed and removed.Surface: aluminum finish or spray-painted

Guardrail clamp		
Model	Material	Weight
YSHJ-1	Stainless steel	0.62kg



Stage guardrail (Asian style)			
Model	length	High	Weight
YSH-1	1000mm	1000mm	3.385kg
	1220mm	1000mm	3.788kg
	2000mm	1000mm	5.217kg
	2440mm	1000mm	6.023kg



Stage cover

Covering panels prevent chairs from sliding between platform tiers and create a finished look. Proprietary fasteners allow for easy installation and removal.

**Specifications:**  
Available in heights over 6" (152mm), or as required by design.Finish: Available to match stage decking color

The stage apron is available in multiple colors, which can greatly enhance the beauty of the stage. High-quality magic buckles can be used for quick and efficient installation and removal.



Stage Deck skirting		
Model	Material	Color
YSW-1	Fire rating	Black
YSW-2	Fire rating	Red



Stage deck Dolly(L shape)	
Material	Iron





Specifications	
Size	1000×2000mm
Bearing	400kg/m²
Usage scenario	Indoor use
Material	Aluminum alloy 6061-T6
Panel Type	Standard 18mm/25mm thick anti slip panel, optional carpet/acrylic panel
Height	240mm/400mm/600mm/800mm/1000mm



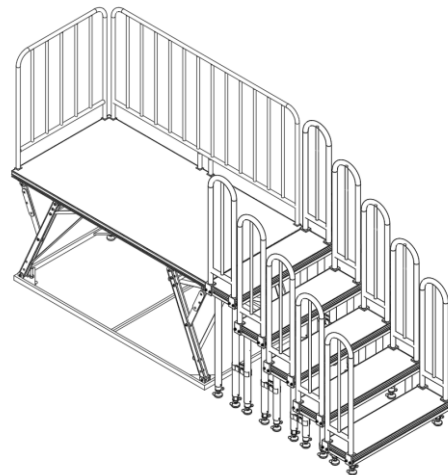
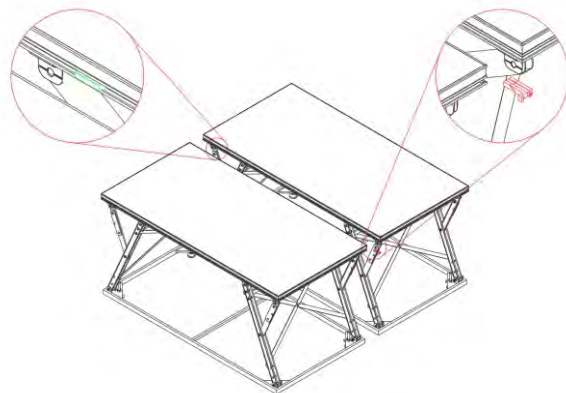
Safety lock



Movable slider



Height adjustment control



Specifications	
Size	1000×2000mm
Bearing	400kg/m²
Usage scenario	Indoor use
Material	Aluminum alloy 6061-T6+Q235
Panel Type	Standard 18mm/25mm thick anti slip panel, optional carpet/acrylic panel
Height	200mm/400mm/600mm/800mm/1000mm

## Operating procedures (installation steps)



Two people standing at both ends of the stage



Tighten the handle



Step on the lower frame of the stage with your feet



At the same time, lift the stage up to the desired height

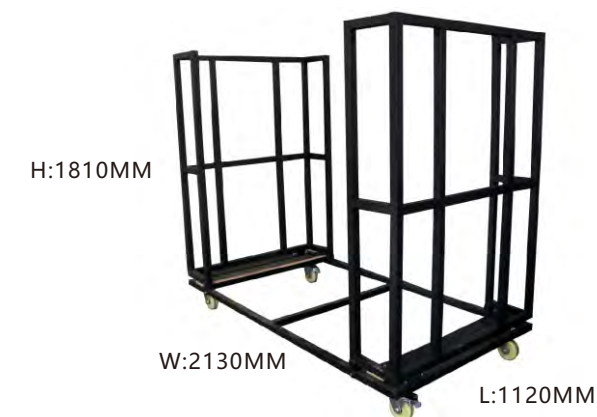


Release the handle



Insert the pin shaft into the hole of the countertop frame

## Can stack 8 pieces/cart



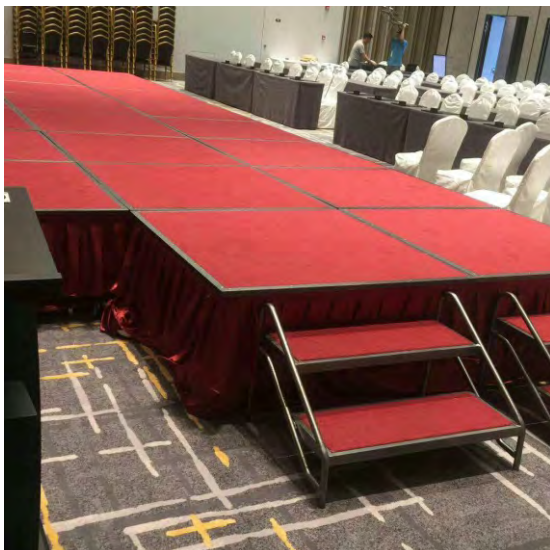
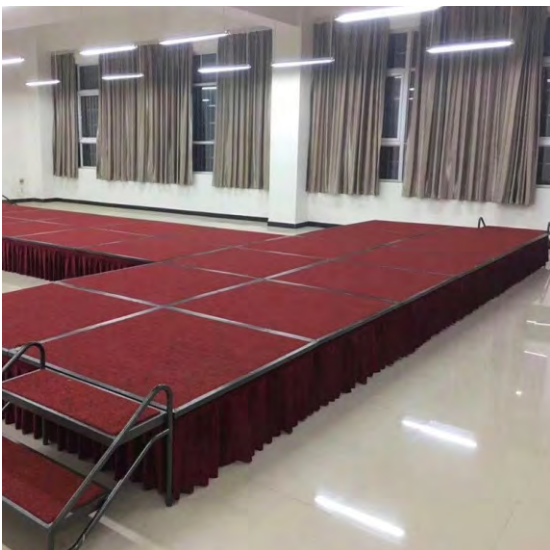
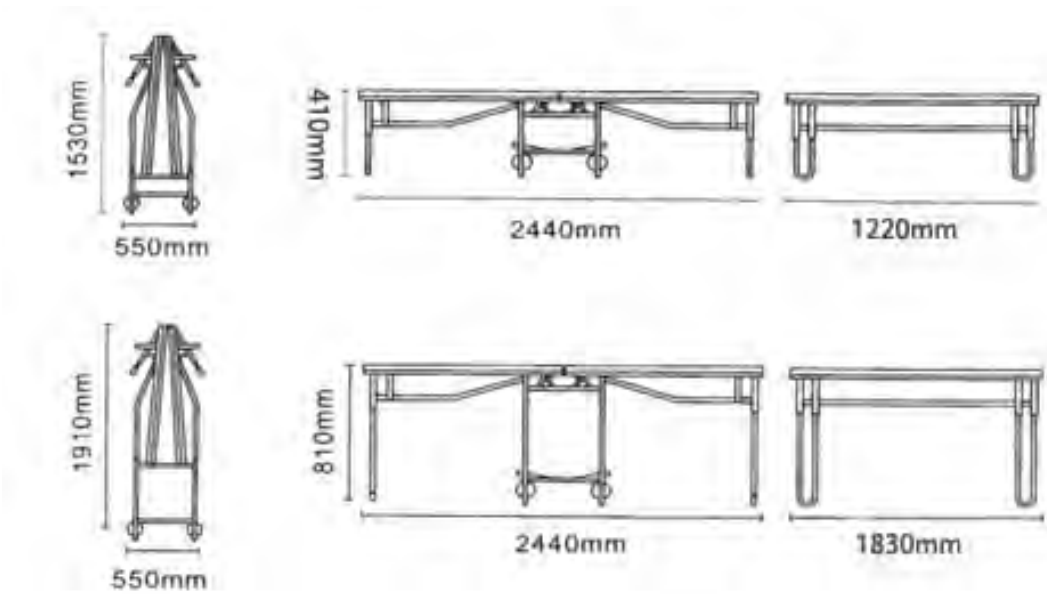




Specifications	
Size	1220×2440mm
Material	Iron steel
Loading	1000kg/m <sup>2</sup>
Panel Type	Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Package Size	1240×1550×550mm
Use Range	Indoor



Specifications	
Size	1830×2440mm
Material	Iron steel
Loading	1000kg/m <sup>2</sup>
Panel Type	Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Package Size	1850×1930×550mm
Use Range	Indoor







# XT-04



Specifications	
Size	1200×2400mm
Bearing	610kg/m²
Frame thickness	90mm
Material	Q235
Panel Type	Standard 18mm/25mm thick anti slip panel, optional carpet/acrylic panel
Height	(adjustable, with each 50mm as a gear, and multiple heights adjustable)

### Table/chair protection rod

The steel rods are attached to the stage to prevent chairs or tables from accidentally falling off. Made of high-quality steel pipes with black spray coating.

Installation: Easy to disassemble and quickly connect with the stage, ensuring efficient setup.



### Guardrail / Safety Bar Cart

Steel tube frame with black spray coating, equipped with four non-marking solid wheels (two swivel, two fixed).

Installation: Easy to disassemble and quickly connect with the stage, ensuring efficient setup.



Specifications: 200-1800mm (customizable)

### stage skirting



Available in red, black, and gray

### Stage panel trolley

Steel tube frame with black plastic spraying, can store and 9PCS stage panels, four non-marking solid wheels (two swivel, two directions)

### Stage trolley

Steel tube frame with black plastic spraying, can store and transport 8 folding stage stands, four non-(two swivel, two directions)

### Wooden Stage Apron

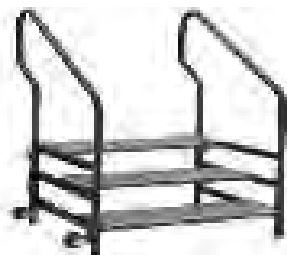


12mm solid wood core laminated with double-sided wear-resistant fireproof panels, PVC edge banding, multiple colors available

1200mm Stage Apron									
Optional widths	200	400	600	800	1000	1200	1400	1600	1800
2400mm Stage Apron									
Optional widths	200	400	600	800	1000	1200	/	/	/



Electric forklift



Three-step ladder with handrail



Four-step ladder with handrail





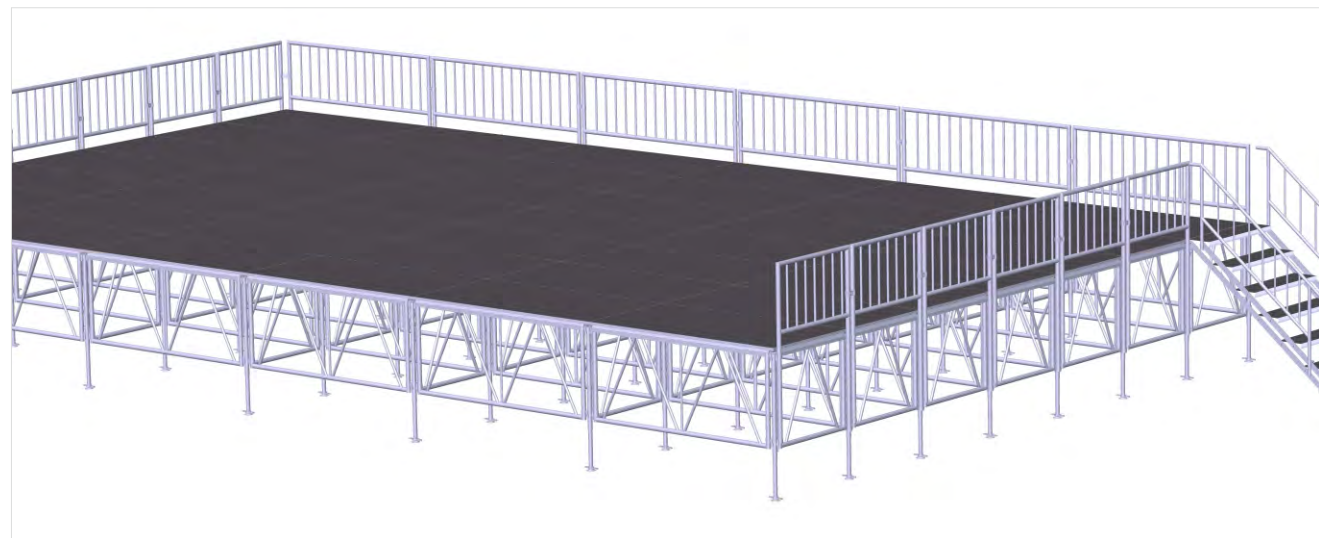
# YP-01



Specifications	
Size&Bearing	1000×1000mm (1000kg/m²) 1220×1220mm (700kg/m²)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor



Specifications	
Size&Bearing	1000×2000mm (500kg/m²) 1220x2440mm(400kg/m²)
Material	EN-AW 6061-T6
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor



## Accessories



Stage Brace(Ladder)	
dimension	1000mm 1220mm 2000mm 2440mm

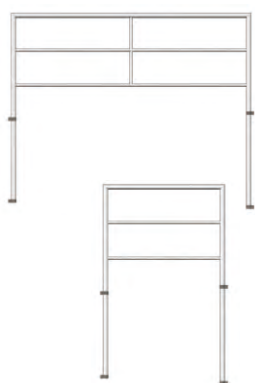
### Round legs(adjustable height)



Stairs(Adjustable Height)	
Height	400mm-600mm 500mm-800mm 600mm-1000mm 700mm-1200mm 800mm-1400mm 1000mm-1500mm 1500mm-2000mm



Round Legs(Adjustable Height)	
Height	400mm-600mm 500mm-800mm 600mm-1000mm 700mm-1200mm 800mm-1400mm 1000mm-1500mm 1500mm-2000mm



Stage Rails(Simple Standard)	
Size	1000x1000mm 1000x1220mm 1000x2000mm 1000x2440mm

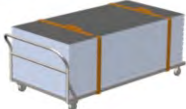


Legs Foot	
Material	Iron Steel with adjustable

### Stage deck Dolly(economic)



Stage Deck Dolly(L Shape)	
Material	Iron Steel 9pcs In One



Stage deck Dolly(Economic)	
Material	Iron Steel 15pcs In One



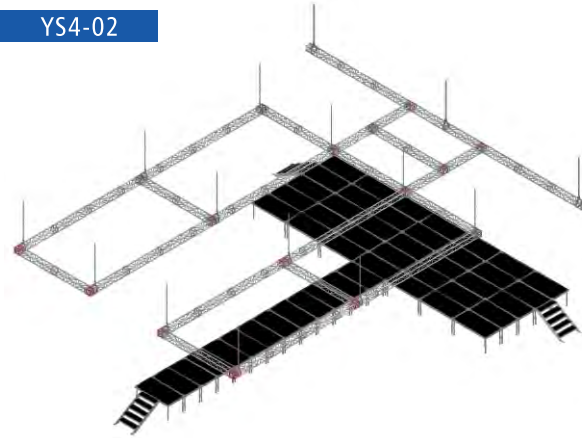


# Design application

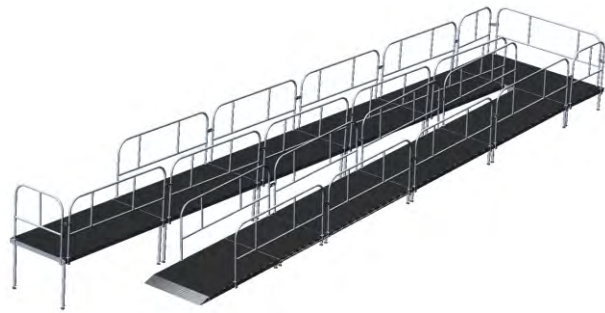
YS4-01



YS4-02



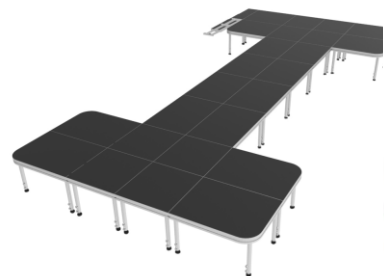
YS4-03



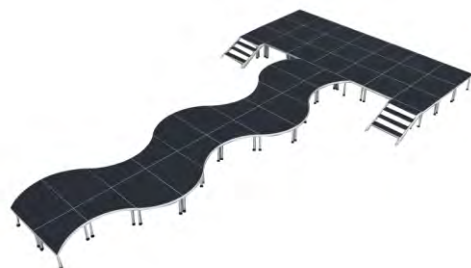
YS4-04



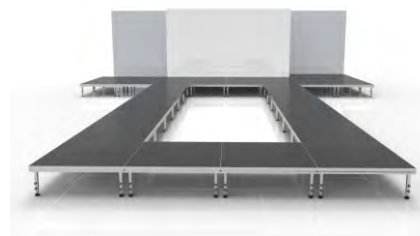
YS6-02



YS6-03



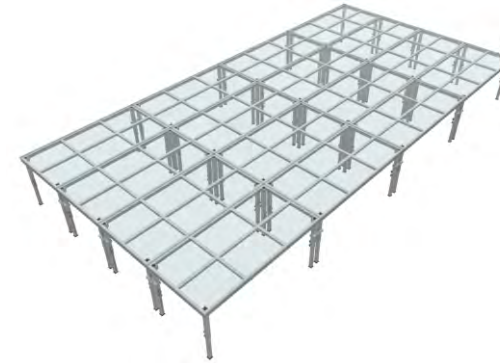
YS6-01



# Design application



YS4-05



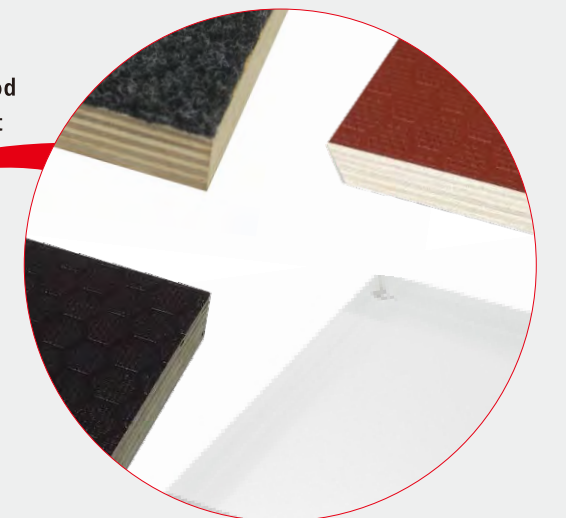
YP-01-02



Stage deck



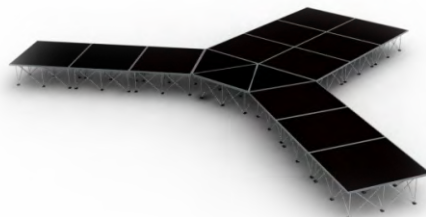
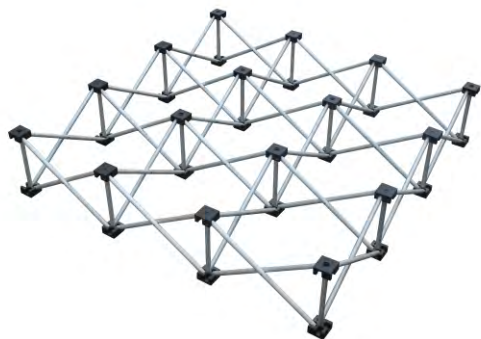
Acrylic  
Anti-slip Plywood  
Red Anti-slip Plywood  
Plywood With carpet







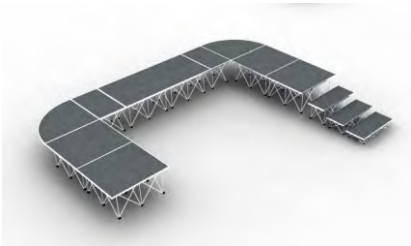
YW-01 is a system designed for the assembly of modular stages. The system is composed of a practical rising structure, made of aluminium, light and foldable, and a deck panel with an aluminium frame. YW-01 is designed as a professional and versatile solution to set up stages, platforms, and catwalks. Its features, max load, and a wide range of accessories make YW-01 an excellent solution for installations and temporary events, both indoor and outdoor environments



Design-01



Design-02



Design-03

Size(mm)	Height	Panel Type
1000x1000x30mm	200/400/600/800/1000mm	Black plywood(18mm)
		Grey carpet(18mm)
1220x1220x30mm	200/400/600/800/1000mm	Black plywood(18mm)
		Grey carpet(18mm)
1000x2000x30mm	200/400/600/800/1000mm	Black plywood(18mm)
		Grey carpet(18mm)



stage Deck skirting

Material      fireproof velvet

Stage Legs Flight Case

Material      Flight case







# LB-01



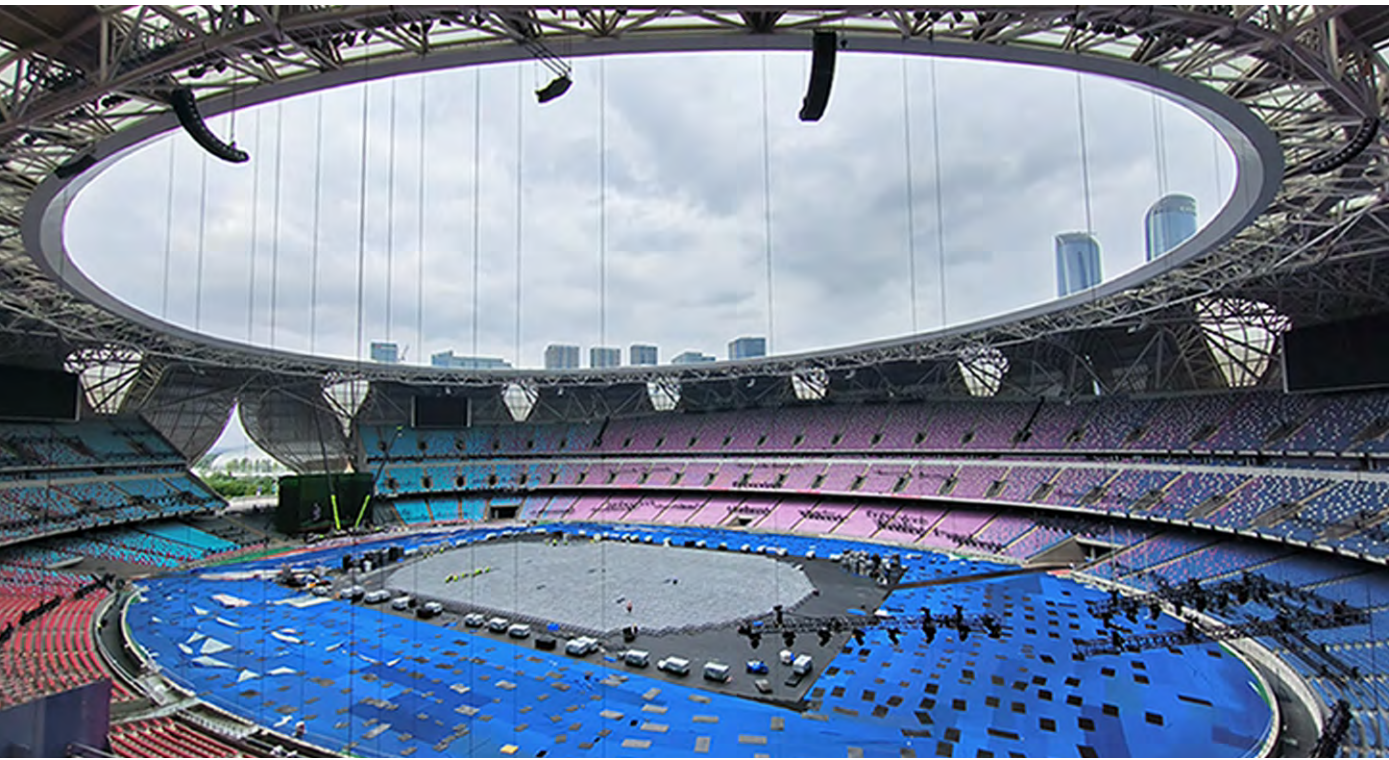
Specifications	
Size&Bearing	1000×2000mm(500kg/㎡)
support&Material	Q235
panel&Material	Black multi-layer non-slip plywood 18mm+Q235
Min height	68mm
Max height	4000mm



Specifications	
Size&Bearing	1000×2000mm(600kg/㎡)
support&Material	Q235
panel&Material	Black multi-layer non-slip plywood 18mm+Q235
Min height	90mm
Max height	4000mm



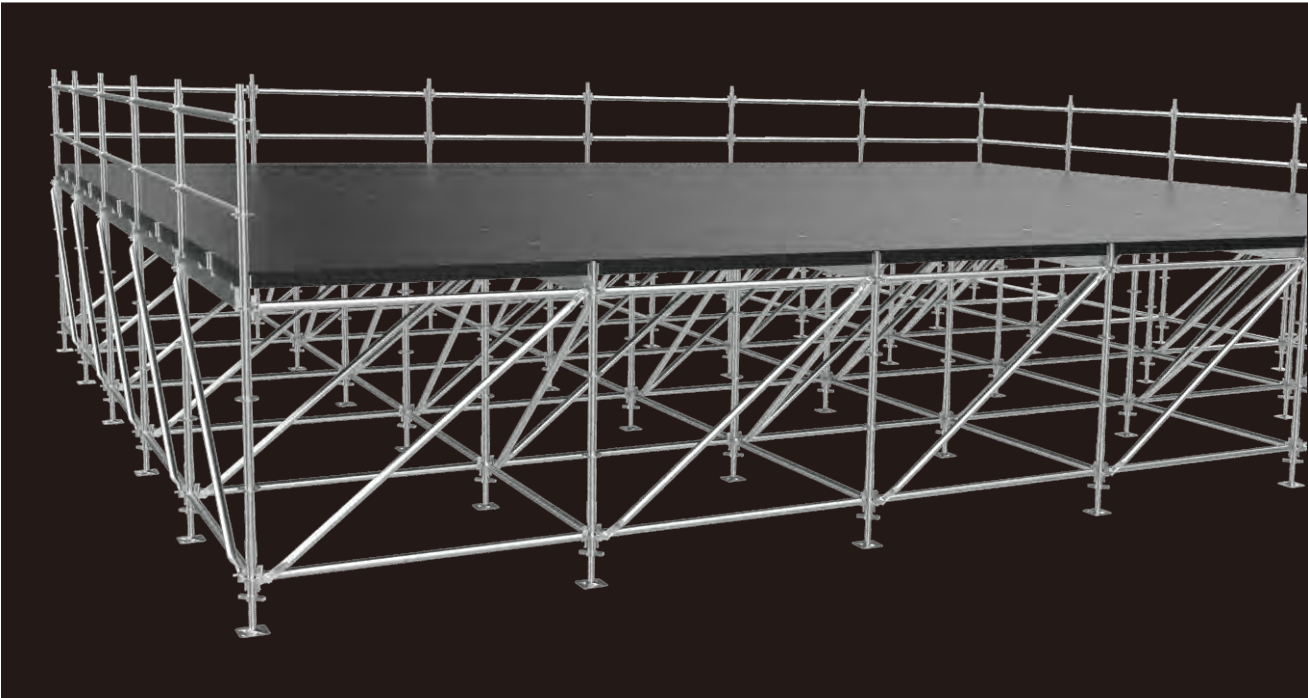
Specifications	
Size&Bearing	1000×2000mm(600kg/㎡)
support&Material	Q235
panel&Material	Black multi-layer non-slip plywood 18mm+Q235
Min height	90mm
Max height	4000mm







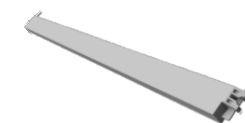
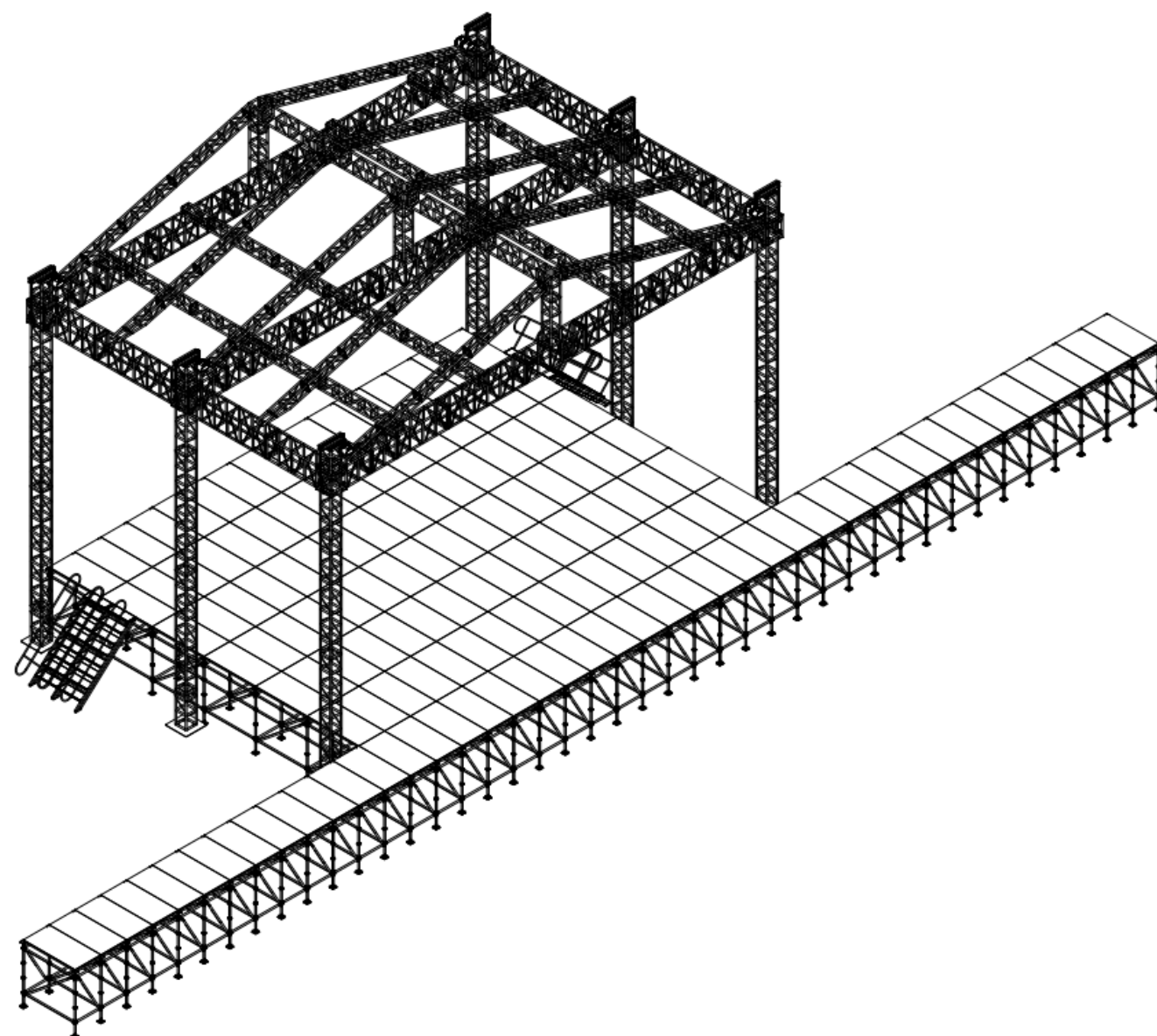
Specifications	
Size&Bearing	1000×2000mm(750kg/㎡)
	1220x2440mm(650kg/㎡)
support&Material	High-strength steel
panel&Material	Aluminum alloy 6061-T6
	frame+18mm thick anti slip panel
2X2M self weight approximately	222kg
Min height	95mm
Max height	6000mm



The MIK Festival, the first outdoor KPOP music festival in Europe, kicked off in London at the end of July, so there's no need to envy coachella on the other side of the ocean anymore! Red Velvet , ""qiong ha" Kim Chung Ha, EXO Suho, Golden Child , and Pentagon take turns playing! Happy Hometown for Old K Pop People! This will become an active area for K-pop, creating a place full of Korean music and culture for fans. Shinestage supplies: 400\*400mm and 600\*600mm irregular aluminium plated bolt truss, 2\*1\*2m layher stage. The stage needs to be strengthened, and matched the support frame at the truss connecting points to ensure its structural stability and high load-bearing requirements.

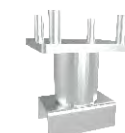






To carry the stage platform  
material: iron steel Q235  
surface technology: hot dip galvanizing

Strengthening Beam		
Model	Size	Weight
L-LHP2000	50*100*3.0*1950mm	14.5KG



Use with strengthening beam to carry  
stage platform  
material :Iron steel Q235  
Surface technology: cold galvanizing

Strengthening Beam Support		
Model	Size	Weight
L-WDP1	60*90*122mm	0.6KG



Carry for the tubes for transportation  
Surface technology: cold galvanizing

Cart		
Model	Size	Weight
L-TC	1100*700*850mm	34KG



Main support of the entire system use  
between base foot and vertical pillar  
Surface technology: hot-dip galvanizing

Base foot		
Model	Size	Weight
L-LJ	φ38*500mm	1.7KG



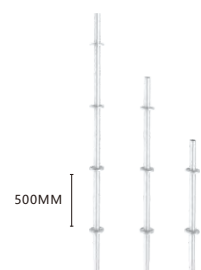
Assemble with base foot and  
Connected with Horizontal tube-  
Material : Iron steel Q355B  
Surface technology: hot-dip galvanizing

Basic socket		
Model	Size	Weight
L-LD	48*3.25*250mm	1.8KG



Connect the two pillar rosette-  
Surface technology: : cold galvanizing

2 Way connector		
Model	Size	Weight
L-P	100*50mm	0.5KG



Main support of the entire system  
connected by Pin ·  
Material : Iron steel Q355B  
Surface technology: hot-dip galvanizing

Vertical pillar		
Model	Size	Weight
L-LLC2000	φ48*3.25*2000mm	10KG
L-LLC1000	φ48*3.25*1000mm	5.3KG
L-LLC500	φ48*3.25*500mm	2.6KG



Main support of the entire system  
Material : Iron steel Q235B  
Surface technology: hot-dip galvanizing

Horizontal beam		
Model	Size	Weight
L-LH2000	φ 48 * 2.75 * 1950mm	6.6KG
L-LH1000	φ 48 * 2.75 * 950mm	3.7KG



Main support of the entire system  
Material : Iron steel Q195B  
Surface technology: hot-dip galvanizing

Diagonal pipe		
Model	Size	Weight
L-LX2400	φ42*2.75*2410mm	7KG
L-LX1760	φ42*2.75*1763mm	5.3KG
L-LX2120	φ42*2.75*2128mm	6KG
L-LX1340	φ42*2.75*1346mm	4.5KG



Iron stage platform with 18mm  
black anti-slip plywood  
Material : Iron steel Q235B

Iron Platform		
Model	Size	Weight
L-WF1020	1000*2000*70mm	46.5KG



YS4 Portable Stage Platform(can also be  
used as 4-leg structure)  
material: aluminium alloy 6061-T6,  
18mm anti-slip plywood

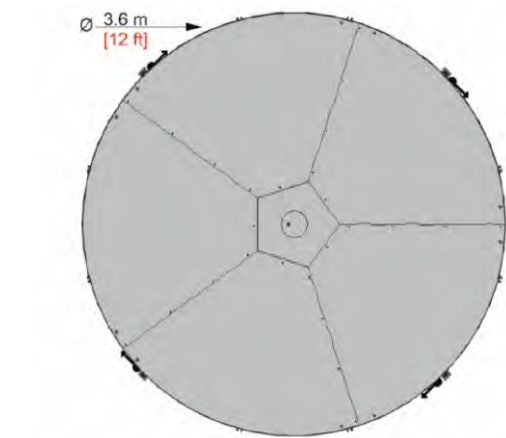
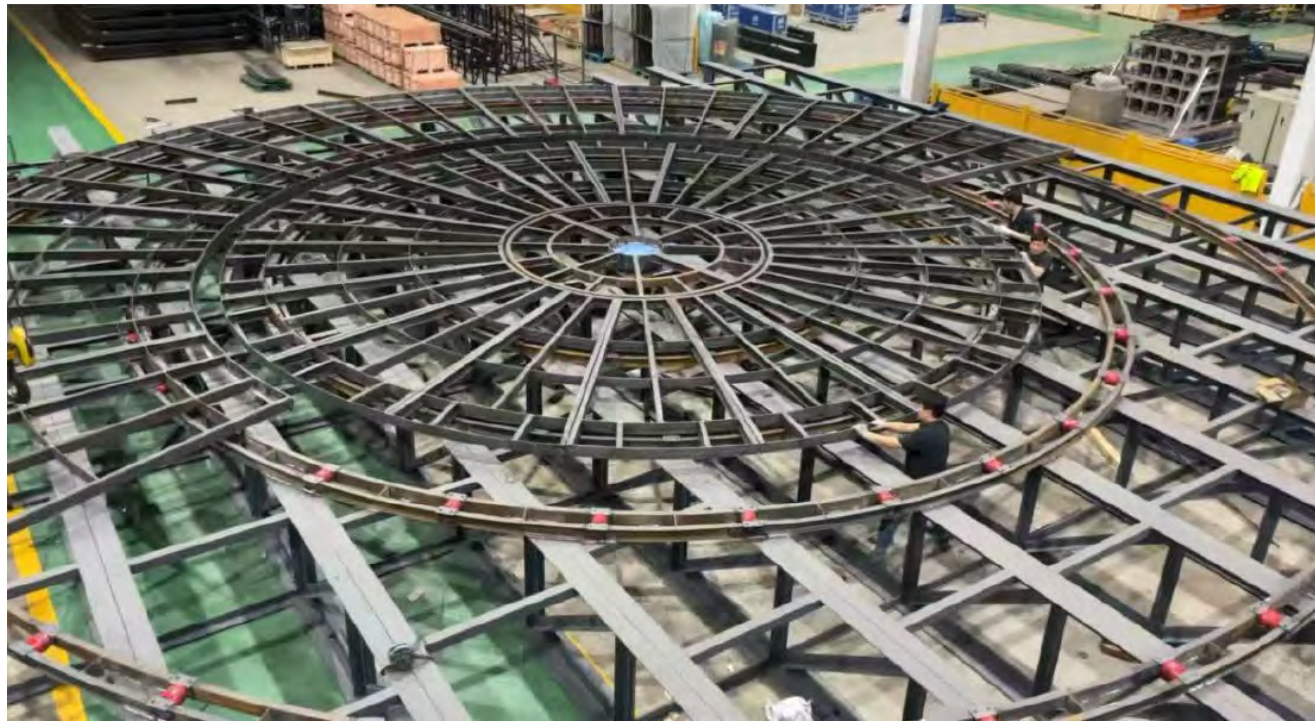
Aluminium Platform		
Model	Size	Weight
L-WA1020	1000*2000*78mm	36.7KG



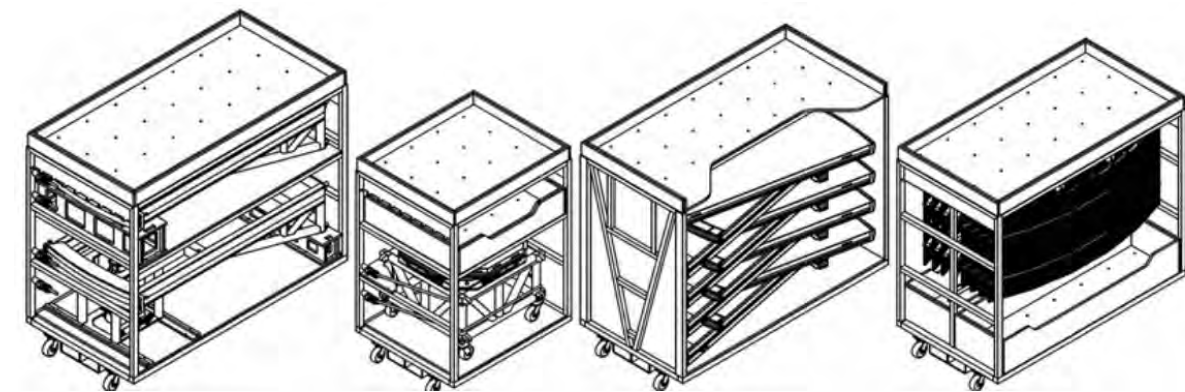
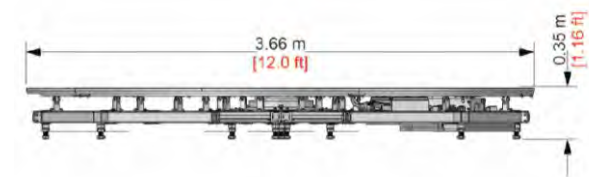
Use on vertical pillar to support the  
stage platform  
material : Iron steel Q235  
Surface technology: hot dip zinc plating

Four claw top support		
Model	Size	Weight
L-WD1	57*100*95mm	0.8KG
L-WD2	110*75*95mm	1.23KG
L-WD4	110*110*95mm	1.8KG





Specifications	
Dimensions	Diameter:3m/6m/9m; Customizable Height: 40cm
Capacity	200kg/sqm Speed:0.5m/s
Mobility	Modular stage sections wagons with castors for loading and transportation



**Key Features**

Modular Sizes for maximum flexibility available in 3m, 6m, and 9m diameters. Our turntables are built to accommodate everything from single performance to entire set pieces. Each model is constructed in modular sections, making them easy to take apart for transportation and reassemble on-site with minimal tools and time.

**Strong Load Capacity**

Designed to handle up to 200kg per square meter, these stages are built tough for demanding setups, from live performances to auto showcases. It can control the rotation smoothly. With a rotation speed of 0.5 meters per second, the motor delivers stable, silent movement for a seamless

**Built for the Road**

The modular design combined with rugged construction makes these turntables ideal for touring shows, exhibitions, or any events where mobility effects. Components are sturdy enough for standard freight-handling and durable enough for repeated assembly.



# CHOIR STAGE

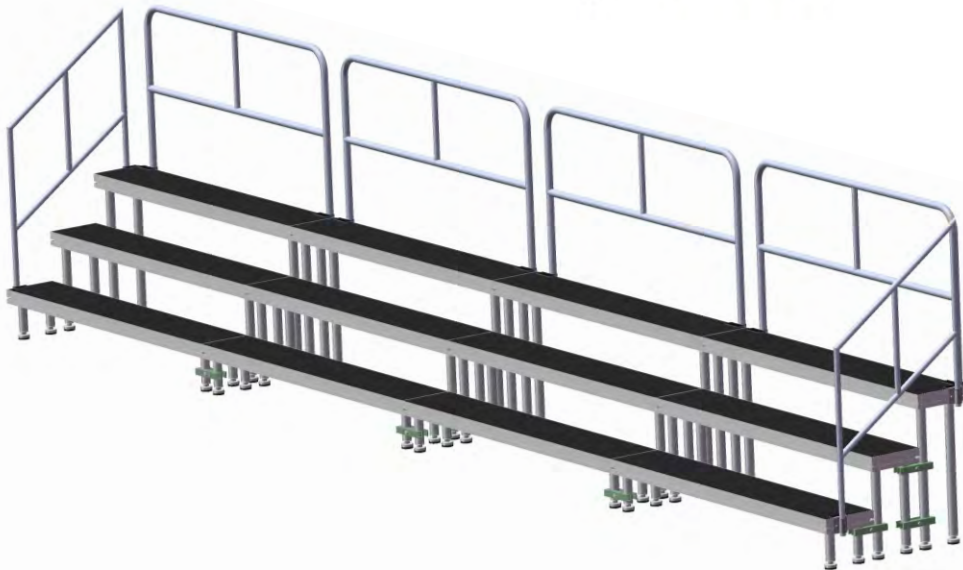
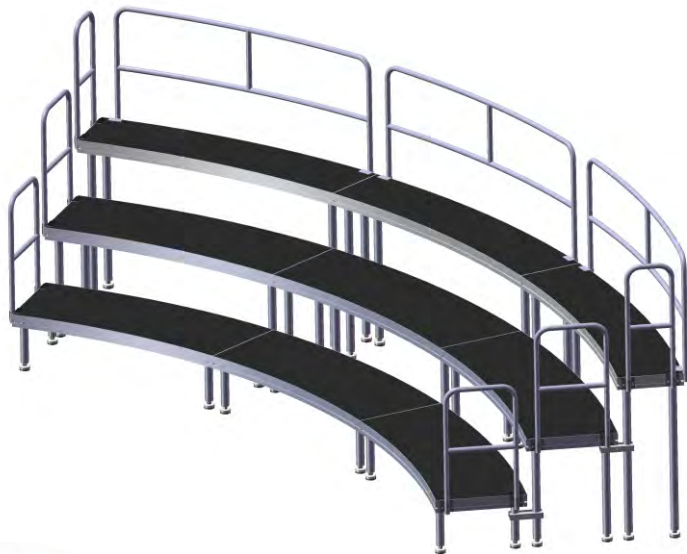
- Choral Stage



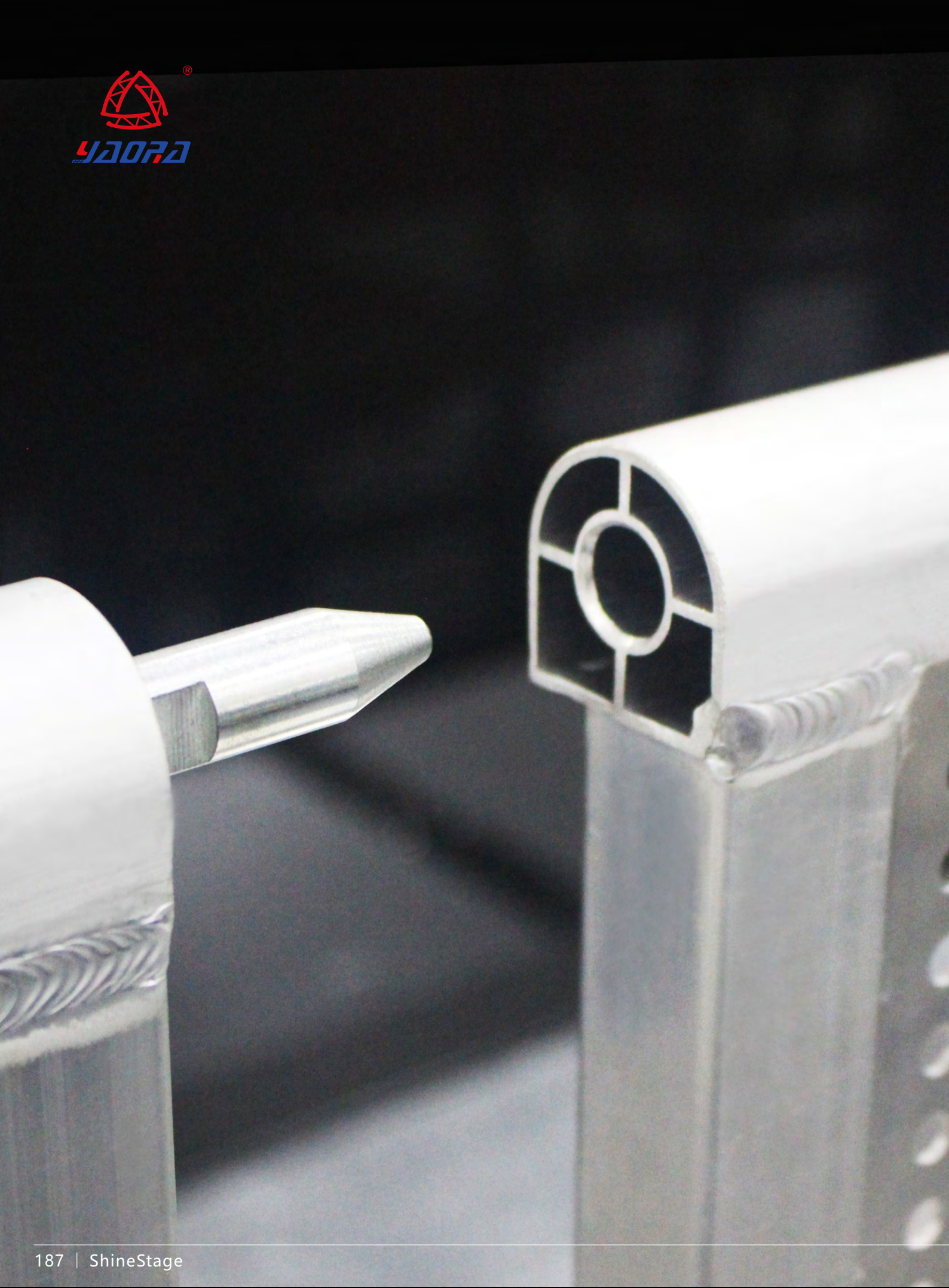




Specifications	
Size	2000×300mm/2000×400mm
Material	EN-AW 6061-T6
Loading	750kg/m <sup>2</sup>
Panel Type	Acrylic / Anti-slip plywood / Plywood with carpet
Legs Type	Telescopic leg / Fixed height leg
Use Range	Indoor / Outdoor





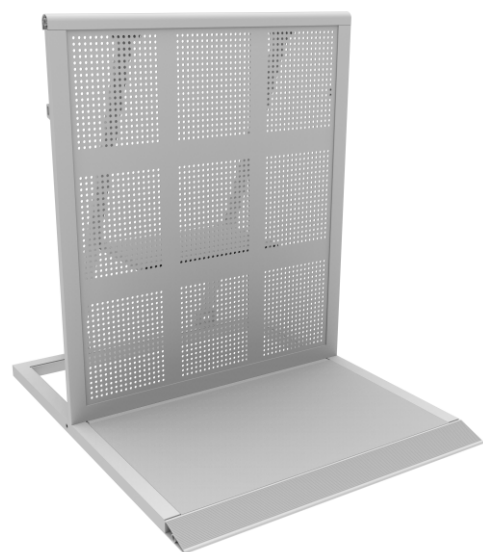


# BARRIER

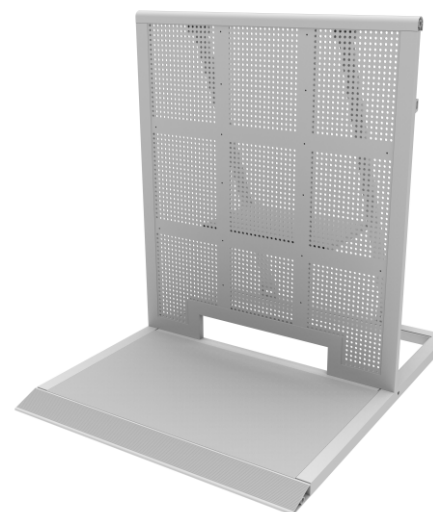
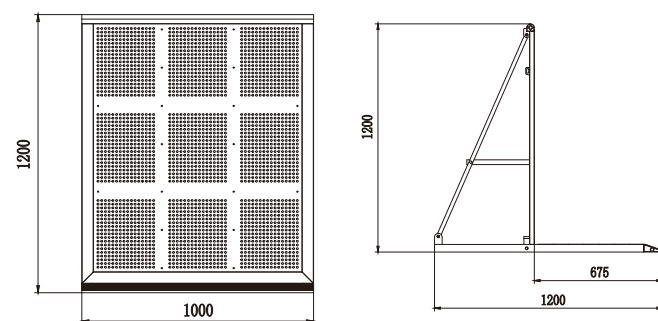
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-YZ001 -YBH

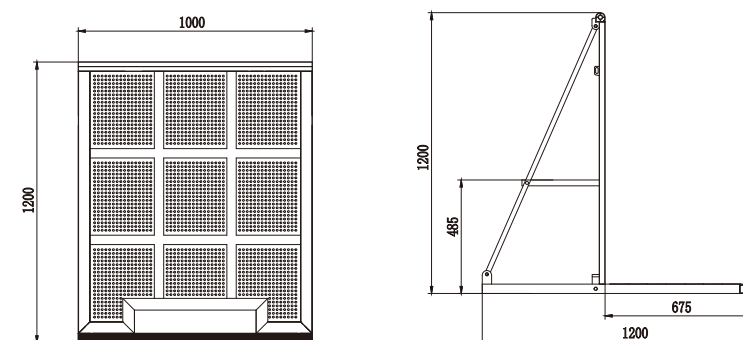




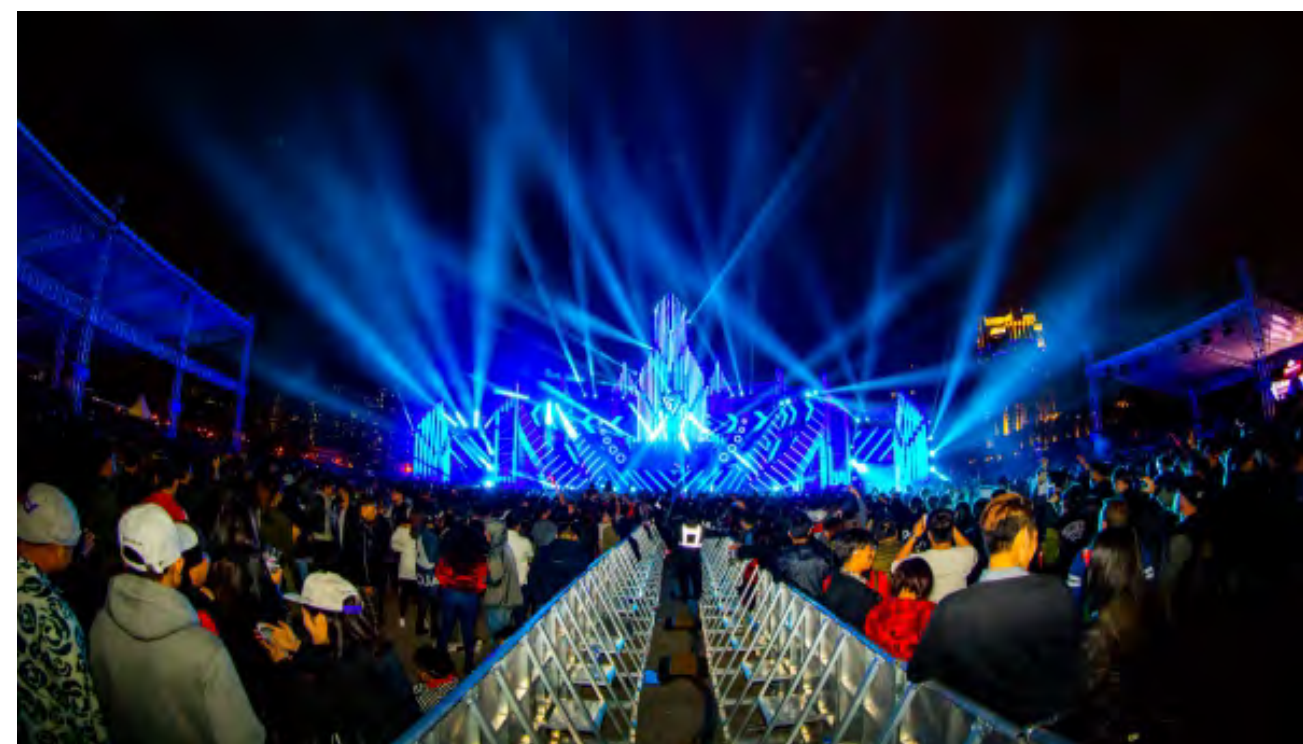
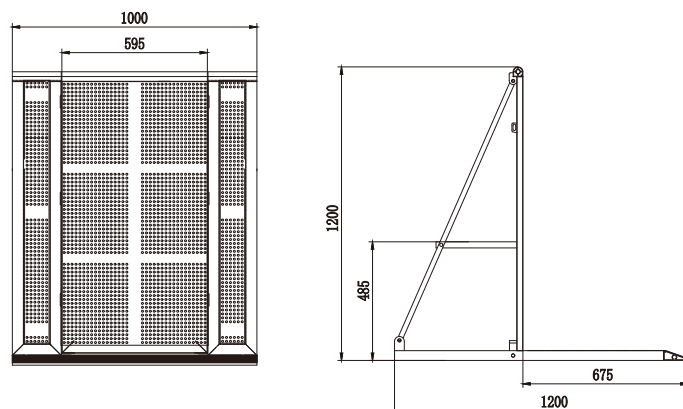
Specifications (Normal barrier)		
	Metric	Color
Size	1000×1200×1200mm	silver / black
Folding Size	1000×1230×125mm	
Material	EN-AW 6061-T6	
Pipe	25x50x3.0mm(Vertical slice)	
	40×50×2.5mm(Base)	
Weigh	36.5kg/pcs	



Specifications( cablethrough barrier)		
	Metric	Color
Size	1000×1200×1200mm	silver / black
Folding Size	1000×1230×125mm	
Material	EN-AW 6061-T6	
Pipe	25x50x3.0mm(Vertical slice)	
	40×50×2.5mm(Base)	
Weigh	36.2kg/pcs	



Specifications ( door barrier)		
	Metric	Color
Size	1000×1200×1200mm	silver / black
Folding Size	1000×1230×125mm	
Material	EN-AW 6061-T6	
Pipe	25x50x3.0mm(Vertical slice)	
	40×50×2.5mm(Base)	
Weigh	43kg/pcs	

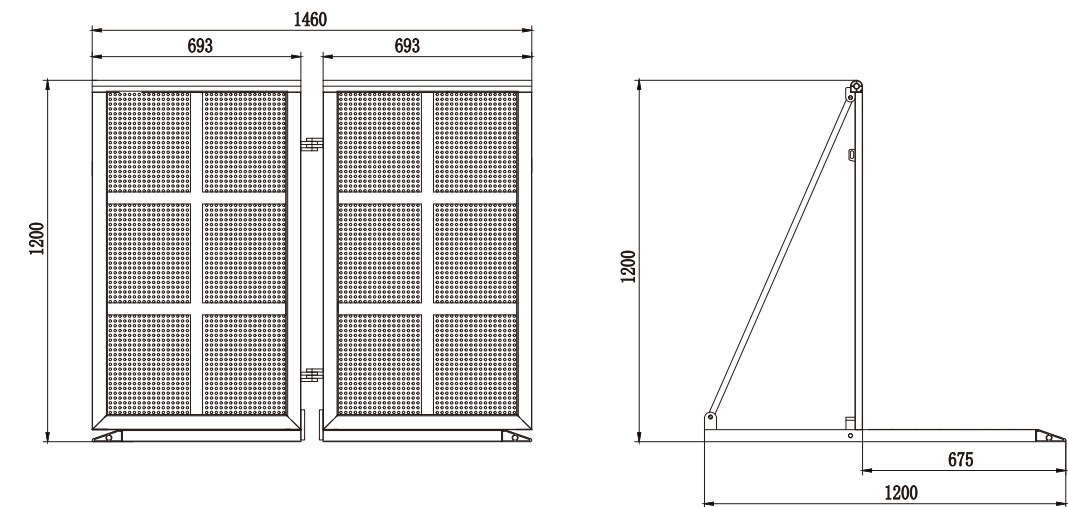


Budweiser Electrical Storm Syllable in China





Specifications ( 90° Corner barrier)		
	Metric	Color
Size	1460x1200x1200mm	silver / black
Folding Size	1460×1230×125mm	
Material	EN-AW 6061-T6	
Pipe	25x50x3.0mm(Vertical slice)	
	40×50×2.5mm(Base)	
Weigh	42.5kg/pcs	

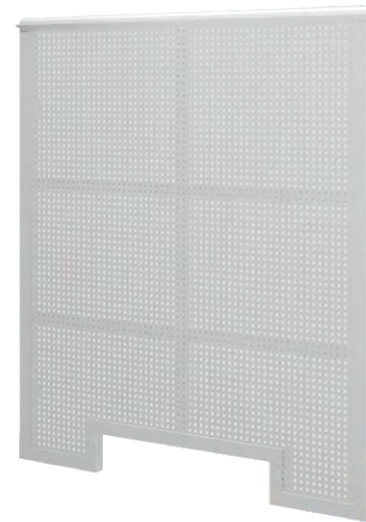
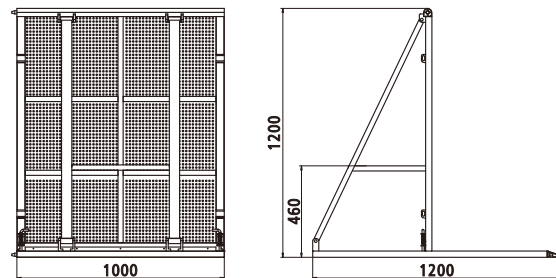






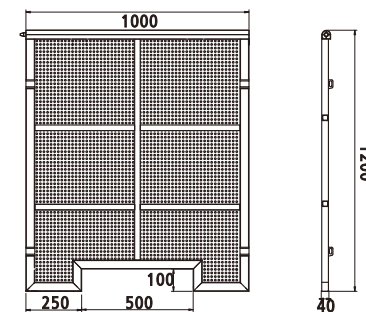
#### Specifications (Economic barrier)

	Metric	Color
Size	1000x1200x1200mm	silver / black
Folding Size	1000x1255x93mm	
Material	EN-AW 6061-T6	
Pipe	40x30x2.5mm	
Weigh	25.5kg/pcs	



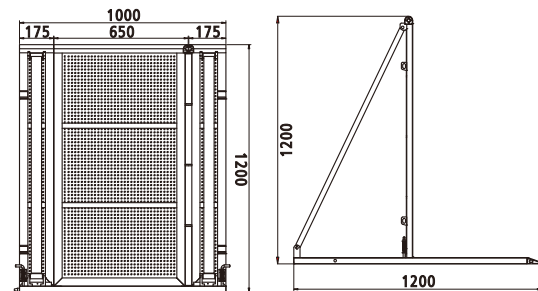
#### Specifications (Economic cable through barrier)

	Metric	Color
Size	1000x40x1200mm	silver / black
Folding Size	1000x40x1200mm	
Material	EN-AW 6061-T6	
Pipe	40x30x2.5mm	
Weigh	16kg/pcs	



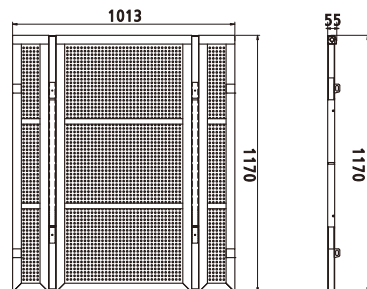
#### Specifications (Economic door barrier)

	Metric	Color
Size	1000x1200x1200mm	silver / black
Folding Size	1000x1255x93mm	
Material	EN-AW 6061-T6	
Pipe	40x30x2.5mm	
Weigh	35kg/pcs	



#### Specifications Standard barrier

	Metric	Color
Size	1013x1170x55mm	silver / black
Folding Size	1013x1170x55mm	
Material	EN-AW 6061-T6	
Pipe	40x30x2.5mm	
Weigh	24kg/pcs	

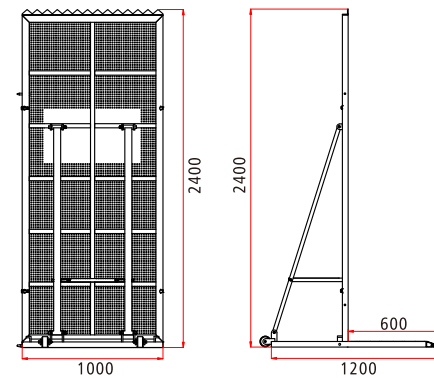


Barrier case in Japan

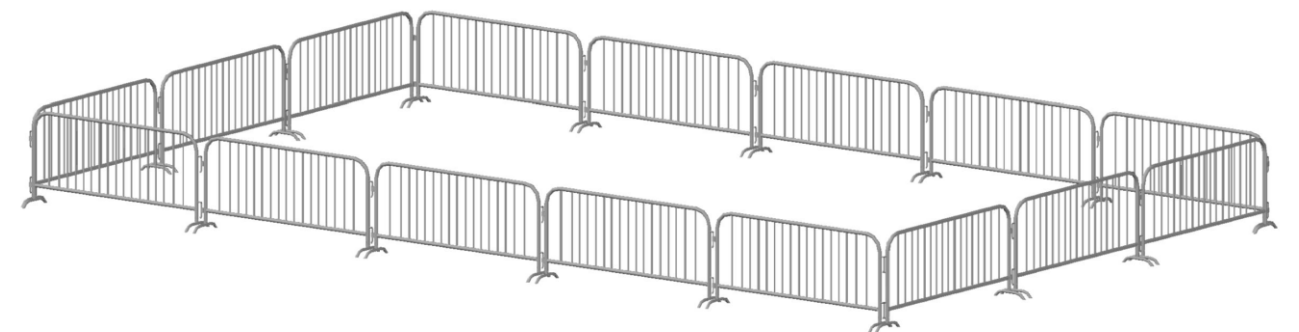




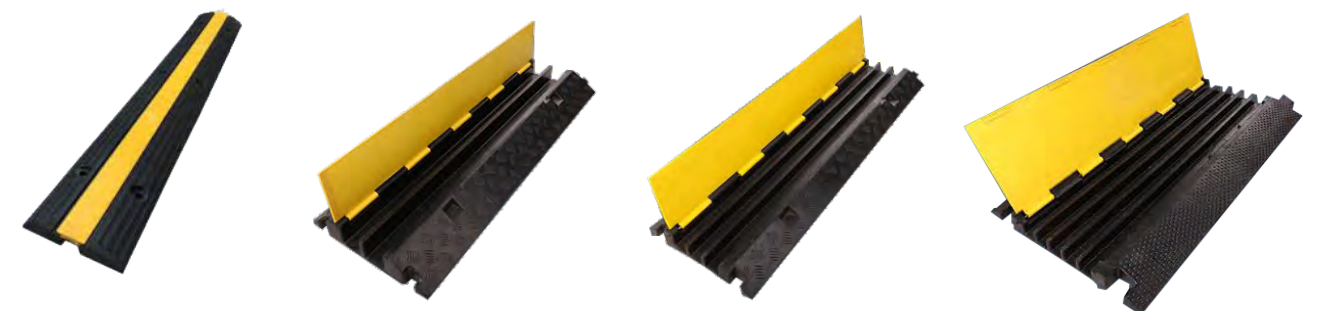
Specifications (Riot barrier)		
	Metric	Color
Size	1000x1200x2400mm	silver / black
Folding Size	1000x1200x125mm	
Material	EN-AW 6061-T6	
Pipe	50x40x2.5mm	
Weigh	43kg/pcs	



material: stainless steel/ iron



### Cable Protector



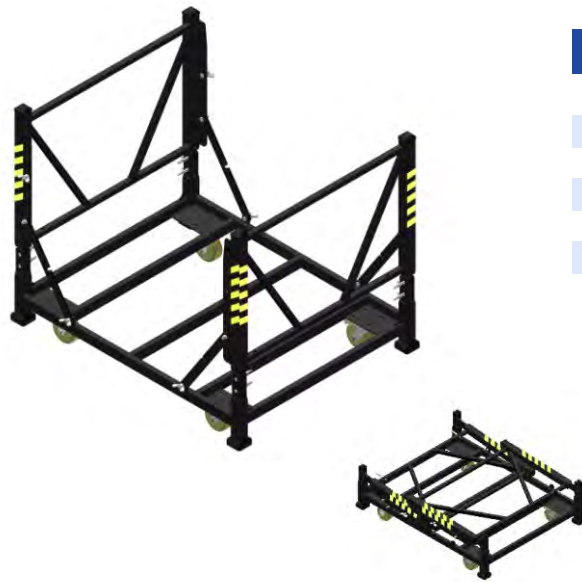
1-Channel

2-Channel

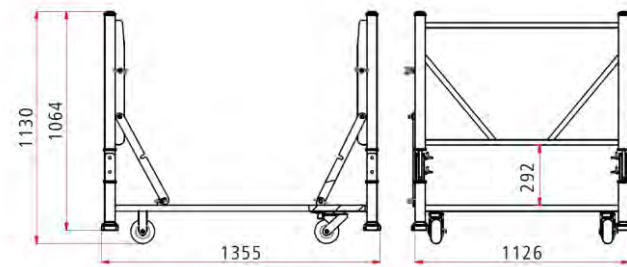
3-Channel

5-Channel



**YBH2**


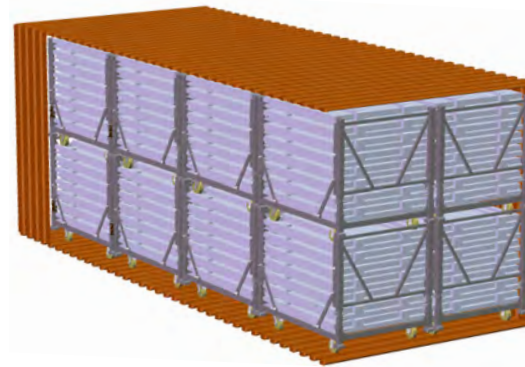
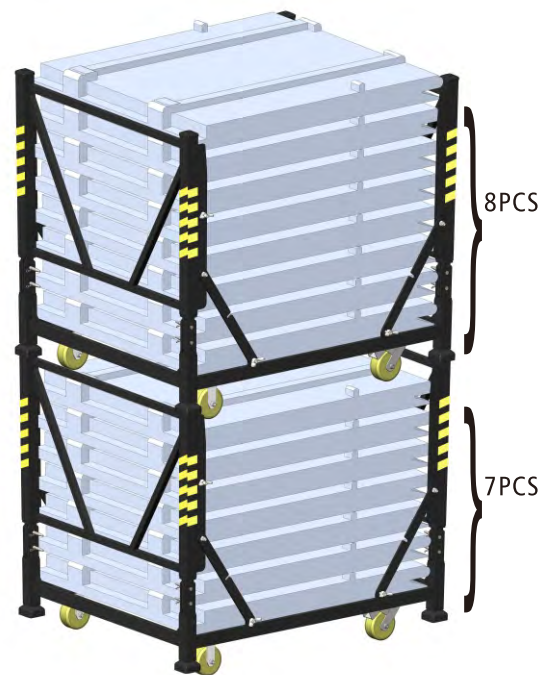
Specifications ( barrier dolly)		
	Metric	
Size	1365*1060*1170mm	
Folding Size	1365*1060*380mm	
Material	Iron	
Pipe	50×25×2.0	
Weight	53kg	



Specifications(storage cage)		
	Metric	
Height	1000mm	
Width	800mm	
Depth	840mm	
Bearing	1000kg	



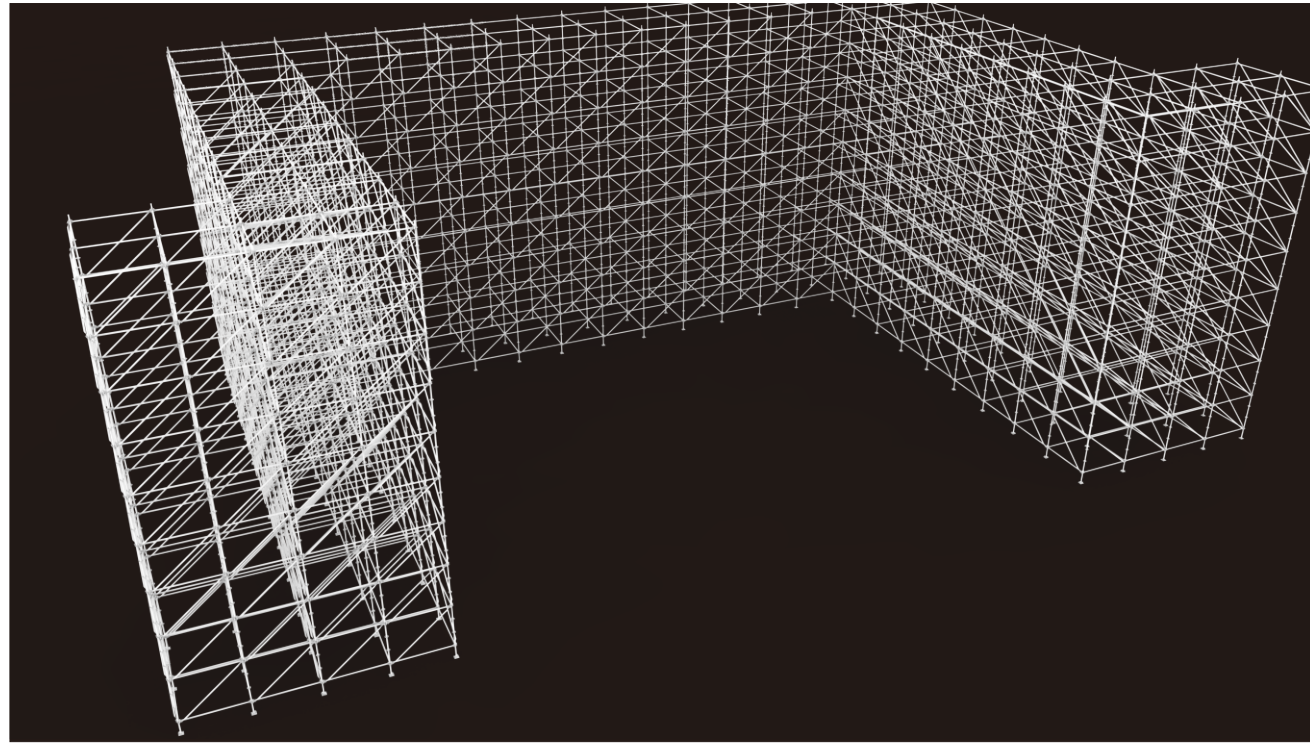
Specifications(barrier pallet)		
	Metric	
Height	1000mm	
Width	1200mm	
Depth	125mm	
Bearing	1000kg	


**LOADING:**

Container Size	Trolley	Barrier	Space
20"GP	16	120	NO
40"GP	32	261	YES
40"HQ	32	288	YES







Main support of the entire system  
connected by Pin  
Material : Iron steel Q355B  
Surface technology: hot-dip galvanizing

Vertical pillar		
Model	Size	Weight
L-LL2000	φ48*3.25*2000mm	10KG
L-LL1000	φ48*3.25*1000mm	5.3KG
L-LL500	φ48*3.25*500mm	2.6KG



Main support of the entire system  
Surface technology: hot-dip galvanizing

Base foot		
Model	Size	Weight
L-LJ	φ38*500mm	1.7KG



Main support of the entire system  
Material : Iron steel Q235B  
Surface technology: hot-dip galvanizing

Horizontal beam		
Model	Size	Weight
L-LH2000	φ 48 * 2.75 * 1950mm	6.6KG
L-LH1000	φ 48 * 2.75 * 950mm	3.7KG



use between base foot and vertical pillar  
Material : Iron steel Q355B  
Surface technology: hot-dip galvanizing

Basic socket		
Model	Size	Weight
L-LD	48*3.25*250mm	1.8KG



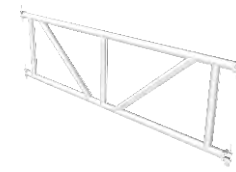
Main support of the entire system  
Material : Iron steel Q195B  
Surface technology: hot-dip galvanizing

Diagonal pipe		
Model	Size	Weight
L-LX2400	φ42*2.75*2410mm	7KG
L-LX1760	φ42*2.75*1763mm	5.3KG



To lift the lights or LED screen  
Material : Iron steel Q235B  
Surface technology: hot-dip galvanizing

Lifting brackets		
Model	Size	Weight
L-DG	500*650mm	9KG



Assembled on the top of vertical pillar and strength for heavy load  
Material : Iron steel Q235B  
Surface technology: hot-dip galvanizing

Strength Ladder		
Model	Size	Weight
L-LHP2000	1950*500*50mm	15KG



To carry the vertical pillar, horizontal beam, diagonal pipe, etc.  
Material: Iron steel Q235B  
Surface: HDG

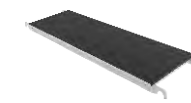
Dolly		
Model	Size	Weight
L-TC	1100*700*850mm	34KG



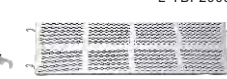
For going up and down  
Material: Iron steel Q235B  
Surface: HDG

Staircase		
Model	Size	Weight
L-TC	2410*600mm	16.5KG

L-TBL2000



L-TBF2000



Assemble on the middle or two horizontal beams for standing or loading.  
Material : Iron steel Q235B  
Surface technology: cold galvanizing

Platform		
Model	Size	Weight
L-TBL2000	2000*380*50mm	17KG
L-TBF2000	2000*470*50mm	19.5KG



For carrying LED screen or other advertising banner  
Material: Iron steel Q235B  
Surface: HDG

Support Arm		
Model	Size	Weight
L-TJ	50*85*130mm	1KG



Installation and disassembly using discs  
Material : cold galvanizing

Disassembly and assembly of disc		
Model	Size	Weight
L-P	170*120*45mm	15KG



Use by the hoist for lifting  
Material : Iron steel 6061-T6  
Profiles: 50\*120\*12mm

Top piece		
Model	Size	Weight
L-HD2800	2800*180*120mm	17.8KG



Connect the two pillar rosette  
Material: Iron steel Q235B  
Surface: HDG

2 Way connector		
Model	Size	Weight
L-P	100*50mm	0.5KG



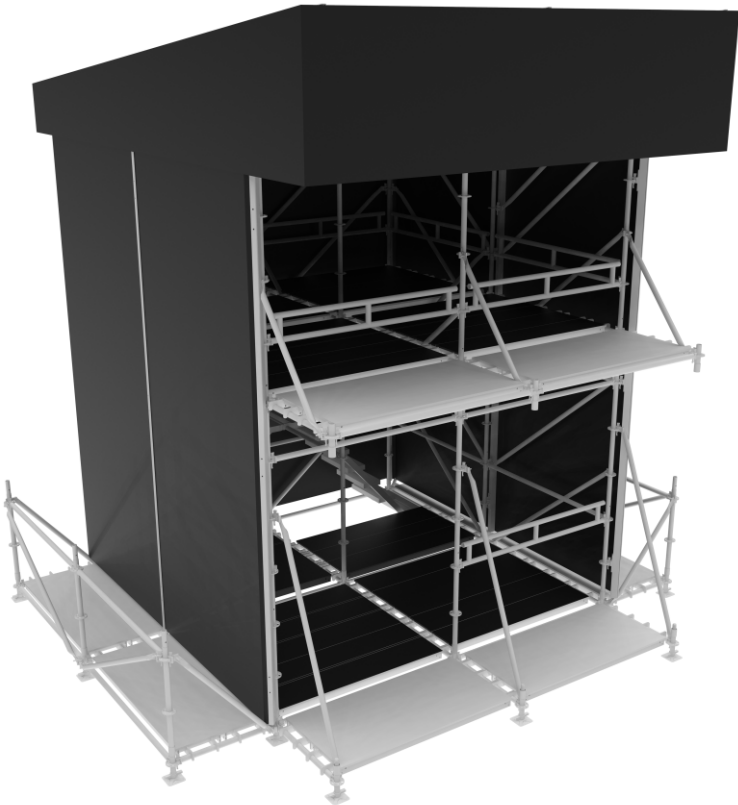
Surface technology: black treatment  
Material : Iron steel Q235B

Column corner protection		
Model	Size	Weight
L-HL2000	2000*100*100mm	16.5KG





# Aluminum Mobile Scaffolding



Specifications		
	Metric	
Height	6000mm	
Width	5000mm	
Depth	5500mm	
Material	Iron	







## NOTE BOOK

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## NOTE BOOK

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