



## Easy To Assemble Aluminum Truss Clamps Square Start Line Truss Structure For Concert

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong
- Brand Name: Tendars
- Certification: ISO9001, SGS, Coc, CE
- Model Number: Truss Frame
- Minimum Order Quantity: 25 square meters
- Price: Reconsideration
- Packaging Details: 1, The aluminium frame structure packed into the bubble film 2, the pvc fabric roof cover and sidewalls are packed into the PVC fabric carry bag; 3, Hardware packed into the box.
- Delivery Time: 18days or To be negotiated
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 50000 Square Meters per Month

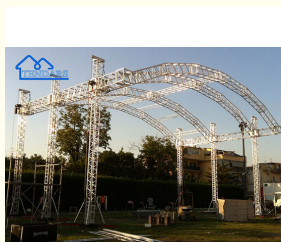


#### Product Specification

- Product Name: Truss Structure For Concert
- Ordinary Length: Customized; 0.5m; 1m; 1.5m; 2m; 3m; 4m
- Shape: Customized; Circle; Curve; Square; Rectangle
- Truss Size: 200\*200mm; 290\*290mm; 390\*390mm; 400\*600mm; 520\*760mm And So On
- Tube Diameter: 25mm; 30mm; 45mm; 50mm
- Color: Customized; Black; Red; Blue;
- Application: Concert; Events; Exhibition; Wedding; Performance And So On
- Warranty: 3 Years
- Highlight: **Easy To Assemble Aluminum Truss, Square Start Line Aluminum Truss**



#### More Images



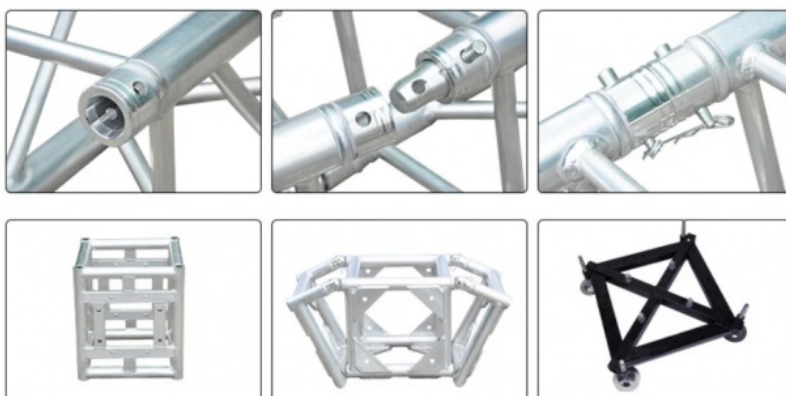
## Product Description

### Easy To Assemble Aluminum Truss Clamps Square Start Line Truss Structure For Concert

#### Product Description:

Usage	Concert; Events; Exhibition; Wedding; Performance; Show And So On
Truss Material	Aluminum Alloy 6061-T6/6082-T6
Truss Type	Spigot Truss Or Screw Truss
Light Duty Truss	200*200mm; 220*220mm; 290*290mm; 300*300mm, Customized
Medium Duty Truss	390*390mm; 400*400mm; 450*450mm; 520*520mm; 400*600mm; 500*600mm; Customized
Heavy Duty Truss	520*760mm; 600*760mm; 600*900mm; 670*1010mm; Customized
Truss Shape	Ladder Truss; Triangular Truss; Square Truss; Arch Truss; Circle Truss; Folding Truss
Main Tube Thickness	φ25*3mm; φ32*3mm; φ38*3mm; φ50*3mm; φ50*4mm; φ60*6mm
Vice Tube Thickness	φ20*2mm; φ25*2mm; φ50*2mm; φ50*3mm
Brace Tube Thickness	φ16*1.2mm; φ20*2mm; φ25*2mm; φ30*2mm
Length	0.5m; 1m; 1.5m; 2m; 3m; 4m; Customized
Color	Aluminum Alloy Own Color; Black; Blue; Red; Yellow; Customized

#### Details:



	Section Type Rectangle	Span(m)	5m	6m	8m	10m	12m	14m	16m
	Material:6061/6082-T6	Weight(kg/m)	1400	1248	960	840	750	560	320
	Main tube:Φ50x3.0	Height(mm)	12	25	40	45	85	171	200
	Braces:Φ20x2.0	Weight(kg)	1000	800	550	500	400	250	200
	Weight:~7.5kg/m	Height(mm)	20	20	30	35	70	126	170
	Section Type Rectangle	Span(m)	6m	8m	9m	12m	14m	16m	18m
	Material:6061/6082-T6	Weight(kg/m)	1860	1600	1494	1248	882	736	630
	Main tube:Φ50x3.0	Height(mm)	30	36	42	60	107	170	192
	Braces:Φ25x2.0	Weight(kg)	1150	950	900	700	500	350	340
	Weight:~9kg/m	Height(mm)	33	37	40	60	90	163	208
	Section Type Rectangle	Span(m)	8m	10m	12m	14m	16m	16m	20m
	Main tube:Φ50x3.0	Weight(kg/m)	2160	1870	1560	1288	1088	900	600
	Vice tube:Φ50x2.0	Height(mm)	33	54	80	102	151	170	203
	Braces:Φ25x2.0	Weight(kg)	1300	1150	850	670	565	500	400
	Weight:~13kg/m	Height(mm)	41	65	79	103	138	172	215

Other load bearing can consult us.

### Principle:

**Load-Bearing Capacity:** Truss structures are designed to support heavy loads, including lighting fixtures, speakers, video screens, and rigging equipment. The principle involves calculating the maximum weight that the truss can safely support and ensuring that the structural elements, such as beams, chords, and nodes, are strong enough to withstand these loads.

**Engineering and Design:** Truss structures are engineered using principles of structural mechanics and material science to ensure they are structurally sound and stable. This involves calculating forces, stresses, and deflections within the truss system to determine the appropriate size, shape, and configuration of truss components.

**Modularity and Versatility:** Truss systems are modular, meaning they consist of individual components that can be assembled and configured in various ways to create custom stage designs. The principle involves designing truss components with standard connection points and attachment hardware to allow for easy assembly, disassembly, and reconfiguration.

**Safety and Stability:** The principle of safety is paramount in truss structure design for concerts. Truss systems must be installed by qualified professionals following industry safety standards and guidelines to ensure they are securely anchored and properly braced to prevent collapse or failure during the event. Factors such as wind loads, ground conditions, and crowd dynamics are also considered to ensure the stability of the truss structure.

**Integration with Production Elements:** Truss structures are designed to seamlessly integrate with lighting, audio, and video production elements. The principle involves strategically positioning attachment points, rigging hardware, and cable management systems within the truss system to facilitate the installation and operation of production equipment while minimizing visual clutter and safety hazards.

### FQA:

#### 1.Does the products certificated?

Yes,CE approved.

#### 2.How do you ship the goods and how long does it take to arrive?

Normally ship by sea. It takes 15 to 45days depend on where you are.

If you like ship goods via Express or air , we can check the transportation cost for you.

#### 3.How to proceed an order?

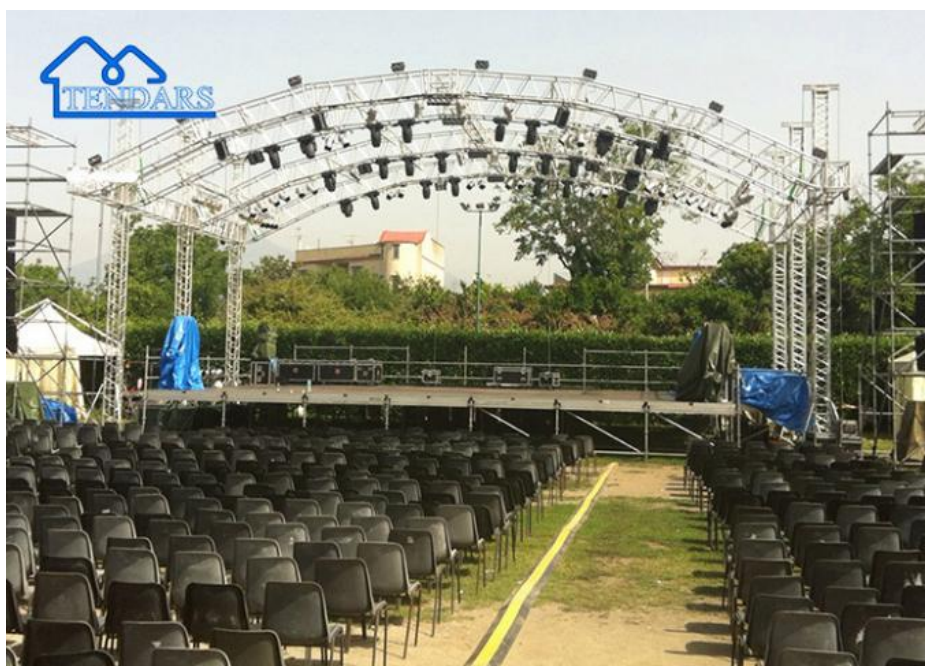
First, We make drawing according to your requirements.

Second, make quotation after your confirmed drawing.

Third, we start production after received down payment.

Forth, send the picture of the goods to you once the goods are ready to shipping.

Fifty, shipping goods after received full payment.





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