

- INNOVATION
- DEDICATION
- TEAM WORK
- CREATIVITY



- Trussing System
- Roof Truss
- Line Array Truss
- LED Screen Truss
- LED Wall Rigging
- Stage & Barricades
- Tower Erection System
- Lifting Tower

PRODUCT CATALOGUE 2017



Management



Research & Development



Serving Since : 2014



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EXPERTISE IN TRUSSING

There is no doubt Devil Truss is one of the leading suppliers of Iron & Aluminium trussing system on the national market.

Great expertise a high level of quality, efficient and modern production technology and a superb fast connection system are the pillars on which devil truss has develop a full comprehensive product range for all purpose.

Rumors like that all brands come from the same factory, all have same approvals all truss do the same trick result in less attention for the key aspects of truss. You can jeopardize the rules of rigging and as truss is major tool for hanging your lights. PA and other objects every self-respecting truss manufacturer has the duty to present and sell a safe product.

It is crucial that any truss user gather all truss information about quality, loading chart and all there is to know about trussing before purchasing or promotion a certain brand.

Truss is made for the professionals. Working in a professional market require a professional approach


OUR COMPANY CERTIFICATES

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DEVIL TRUSS IS NOW ISO 9001:2015 AND CE CERTIFIED

CERTIFICATE OF REGISTRATION

CE

This Certificate is given to the applicant for this following designated product

Aluminum Truss EN AW - 6082 T6.

Manufactured By

Devil Truss

Plot No. 195, HSIIDC, Rohtak, Haryana, India.



:: Certificate No :: ICIIND/1264/XVII

Issue Date : 20 March 2017

Valid Up to : 19 March 2020

This Certificate of compliance is based on the Technical File of the above mentioned product. Technical Report & documentation are at the License Holder's Disposal. This is to certify that the Products are in conformity with all revision of Council Directive 89/106/EEC in last amended revision, referred to as the directive name. This certificate does not imply assessment of the Series-Production of the Product and does not permit the use of ICI UK Mark of Conformity. The CE marking may be used if all relevant & effective EN Standard & EC Directive are complied with

Peter Collins
Ex. Director
International Certification & Inspection UK Limited.
71-75 Shelton Street Covent Garden London, WC2H 9JQ United Kingdom

To check validity of the certificate please visit at www.ici-uk.co

This certification of registration is issued by International Certification & Inspection UK Limited accredited with Accreditation Board For Certification bodies (www.ab-cb.org). This certificate remains the property of International Certification & Inspection UK Limited and must be returned upon request.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of

DEVIL TRUSS

has been formally assessed by **INTERNATIONAL CERTIFICATION & INSPECTION UK LTD.** and found to comply with the requirements of

ISO 9001:2015
Quality Management Systems

Scope of Registration:
Aluminum and MS Truss Stage & Aluminum Hanger

Registered Site (s):
Plot No. - 195, HSIIDC, Rohtak, Haryana, India

:: Certificate No :: ICIIND/1124/IVI

Date of initial registration: 25 Aug 2016

First Surveillance Audit on or before: 20 July 2017

Second Surveillance Audit on or before: 20 July 2018

Re-certification Due: 24 Aug 2019

This Certificate is property of ICI UK Ltd. and remains valid subject to satisfactory surveillance audits.

Peter Collins
Ex. Director
International Certification & Inspection UK Limited.
71-75 Shelton Street Covent Garden London, WC2H 9JQ United Kingdom

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OUR HISTORY



In In the year 2014 Devil truss started the production of Iron truss systems.

After the introduction of spigot connection system Devil Truss has established a modern production facility in machinery, premises and remained the best quality level in terms of products as well as high performance of the organization.

We are establishing an extensive and top class vendor's network across the country. In 2014 Devil truss opened successfully a sales office in Rohtak, Haryana which handles all sales and deliveries in the country. A well motivated and trained team, a big stock of all popular truss types and a 24/7 mentality is the key to be the right partner for many truss users in the north.

Devil truss is ready to move forward In order to provide the Devil truss User the most suitable truss type, highest quality and best support.

In 2014 Devil truss acquired the brand Slick which operates independently and with the access of the expertise of spigot connection, Devil truss extended its product range with 4 types of spigot End Truss Systems and a Ground Support Tower System. In order to cope with the structural growth without compromising the high quality standard we have set, Devil truss production facilities has expanded.

Devil truss has always been upfornt with the latest technology and quality standards, something that will remain one of the key aspects in the future.

Design, Flexibility, Quality and Support at the best possible price are the main characteristics that make Devil truss the leading manufacturer and supplier in Industry. Design and fabrication of custom applications is our specialty. We pride ourselves on quick response for custom projects of any sizes.

SYSTEM OVERVIEW

General Overview of the Devil truss Conical Truss System

WHICH TRUSS FOR WHICH PURPOSE ?

This overview categorize all the various truss series from high load bearing capacity truss to small compact triangle Deco truss. Each truss series has its own specification and purpose.

In general we list three major Truss series,, medium Truss Heavy Truss and tower Truss. Naturally Devil truss carries a broad range of circles, accessories and towers which you will find in this catalogue.

HEAVY TRUSS SYSTEM

DT: Up to 140 ft. of span with impressive load bearing capacity. The ultimate solution for big gigs.

JT: For professional installers and stand builders this relatively big truss, developed for outdoor use, has an enormous load bearing capacity.

MT: Up to 100 ft. of span required, also good loading and suitable as Pre Rig. MT will be your choice.

ST: Made for big jobs with 50cm square size. Impressive result.

MEDIUM & SMALL TRUSS SYSTEM

Whole LD Series (LD30, LD35, LD38, LD40, LD45, LDR)

For professional installers and stand builders this relatively small truss series, developed for indoor use, has an enormous load bearing capacity.

TOWER TRUSS SYSTEMS

SST50 TOWER TRUSS

The SST50 Tower Truss is the new Tower for DT truss Main Rigs. The Tower Most sections are rigged and have additional one side Horizontal brace for climbing.

SST40 TOWER TRUSS

The SST40 Tower Truss is the standard Tower for MT Truss Main Rigs. The SST40 Tower is the MVT Truss with and additional one side horizontal brace for climbing.

SST35 TOWER TRUSS

The SST35 Tower Truss is the standard Tower for ST and JT Main Rigs. The SST35 Tower matches with the ST & JT Truss system and has one side an additional horizontal brace for climbing.

SST45 TOWER TRUSS

The SST45 Tower Truss is the new Tower for MT truss Main Rigs. The SST45 tower truss id standard truss for MT truss with and additional one side horizontal brace for climbing.

SST38 TOWER TRUSS

The SST38 Tower Truss is made for JT Extra Heavy duty truss main Rigs. The SST38 is standard truss for JT truss with and additional one side horizontal brace for climbing.

SST30 TOWER TRUSS

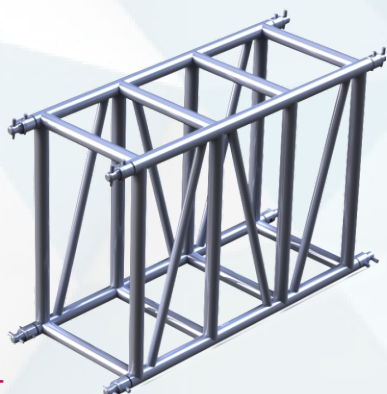
The SST30 Tower Truss is the standard Tower for LD30, LD35, LD38, LD40, LD45, LDR Main Rigs. The SST30 Tower is the standard LD30 Truss.

SYSTEM OVERVIEW

Overview of the Medium and Heavy Truss System

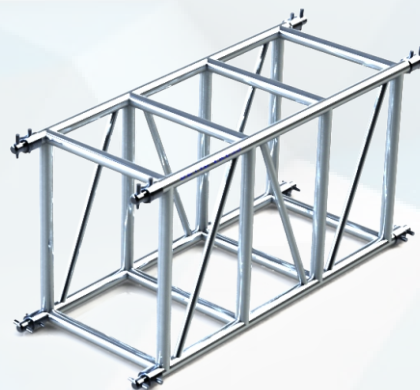
Heavy truss systems are capable of bearing high loads on long free spans.

The dimensions, used material and strong connection offers the optimal product for various purpose like big indoor and outdoor spans, ground supports and roof systems. All truss series are made with the fast connection system as well as bolt system.



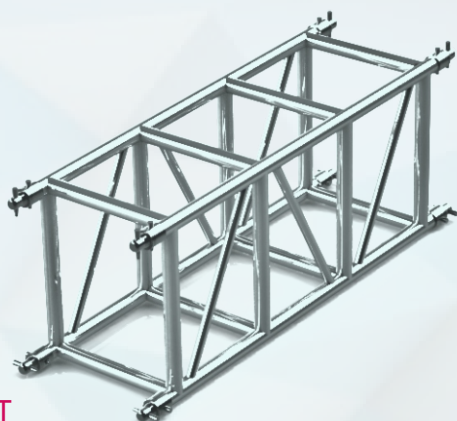
DT

Height: 1010mm
Width: 610mm
Weight: ~20kg/m
Main Tube: 60x5 / 50x5mm
Braces: 50x4 / 40x3mm
Material: EN AW-6082 T6
Connection: SG4



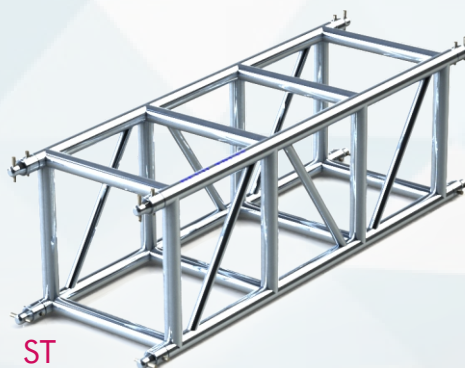
MT

Height: 770mm
Width: 610mm
Weight: ~15kg/m
Main Tube: 50x4mm
Braces: 50x2.5 / 30x3mm
Material: EN AW-6082 T6
Connection: SG3/BLT



JT

Height: 610mm
Width: 510mm
Weight: ~14kg/m
Main Tube: 50x4/3mm
Braces: 30x3mm
Material: EN AW-6082 T6
Connection: SG2/SG3/BLT



ST

Height: 510mm
Width: 510mm
Weight: ~13.5kg/m
Main Tube: 50x4/3 mm
Braces: 30x3mm
Material: EN AW-6082 T6
Connection: SG2/BLT

SYSTEM OVERVIEW

Overview of the Medium and Heavy Truss System

The medium Truss system are capable of bearing medium duty loads on free spans up to 50ft.

The dimensions, materials used and strong connection offer the optimal product for various purpose like indoor outdoor spans and ground supports.

The truss series are made with the fast connection system. These Truss Systems are capable of bearing medium duty loads on free spans up to 50ft. The dimensions, materials used and strong connections offer the optimal product for various purpose like exhibition stands, installations ground supports and small roof systems. The truss series are made with the fast connection system as well as bolt system.



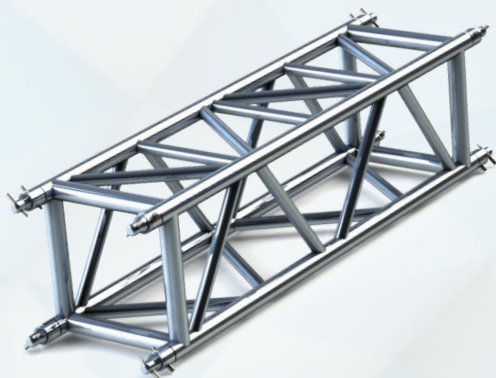
LD-R TRUSS

Height: 400mm
Width: 310mm
Weight: ~9kg~7.5kg/m
Main Tube: 50x4/3mm
Braces: 30x3mm
Material: EN AW-6082 T6
Connection: SG2/BLT



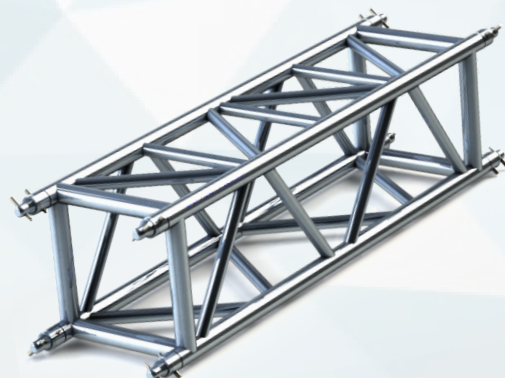
LD-45 TRUSS

Height: 450mm
Width: 450mm
Weight: ~12kg/m
Main Tube: 50x4mm
Braces: 30x3mm
Material: EN AW-6082 T6
Connection: SG2/BLT



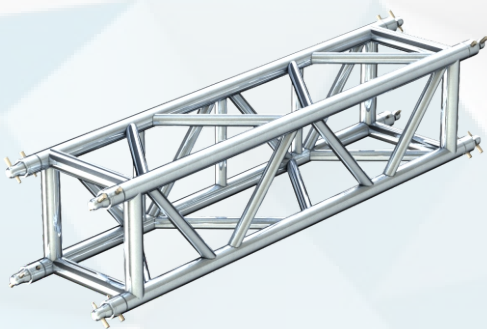
LD-40 TRUSS

Height: 400mm
Width: 400mm
Weight: ~9.0kg / ~7.5kg/m
Main Tube: 50x4/3mm
Braces: 30x3mm
Material: EN AW-6082 T6
Connection: SG2/BLT



LD-38 TRUSS

Height: 380mm
Width: 380mm
Weight: ~8.5 / 7.0kg/m
Main Tube: 50x4/3 mm
Braces: 30x3mm
Material: EN AW-6082 T6
Connection: SG2/BLT



LD-35 TRUSS

Height: 350mm
 Width: 350mm
 Weight: ~8.0kg/m
 Main Tube: 50x3mm
 Braces: 30x3mm
 Material: EN AW-6082 T6
 Connection: SG2/BLT

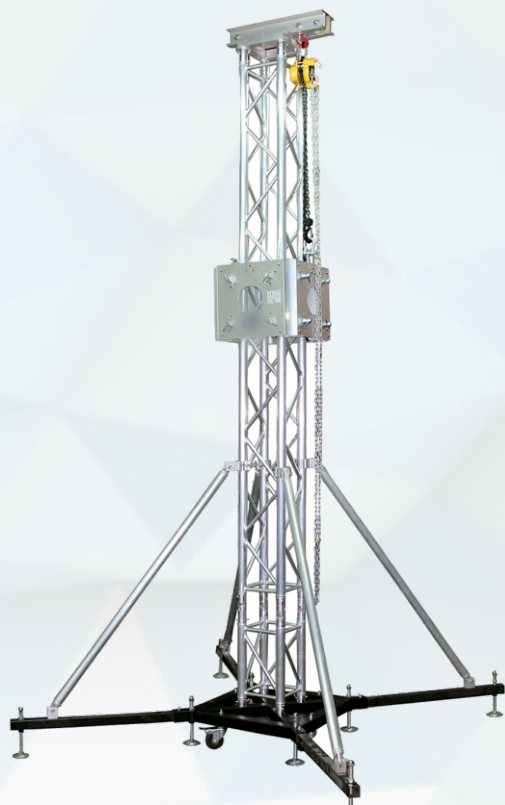


LD-30 TRUSS

Height: 300mm
 Width: 300mm
 Weight: ~7.0 / ~6.0kg/m
 Main Tube: 50x3/2 mm
 Braces: 30x3mm
 Material: EN AW-6082 T6
 Connection: SG2/BLT

SYSTEM OVERVIEW

Overview of the Heavy & Extra Heavy Truss System

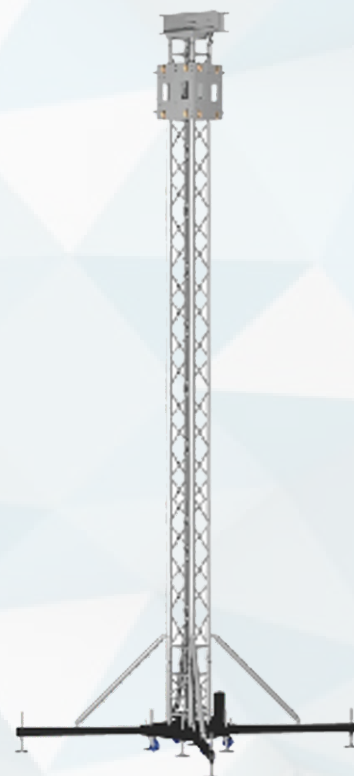


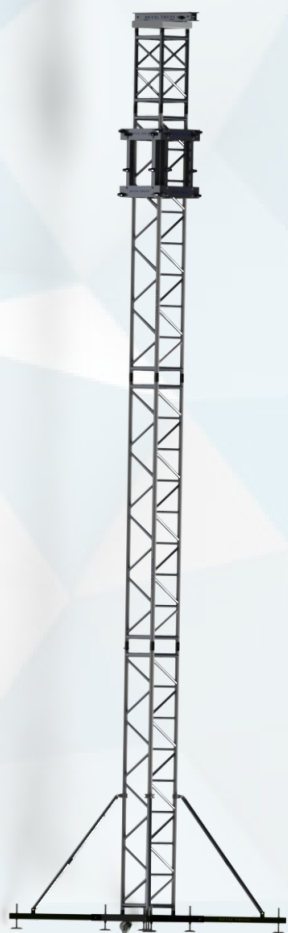
SST-35

Height: 350mm
 Width: 350mm
 Weight: ~8.7kg/m
 Main Tube: 50x3mm
 Braces: 30x3mm
 Material: EN AW-6082 T6
 Connection: SG2/BLT
 Suitable for: ST/SST-JT/SJT

SST-38

Height: 380mm
 Width: 380mm
 Weight: ~8.5/~7.0kg/m
 Main Tube: 50x4/3mm
 Braces: 30x3mm
 Material: EN AW-6082 T6
 Connection: SG2/BLT
 Suitable for: LD35/LD40/LD45/LDR





SST-40

Height: 400mm
 Width: 400mm
 Weight: ~11kg/m
 Main Tube: 50x4mm
 Braces: 30x3mm
 Material: EN AW-6082 T6
 Connection: SG2/BLT



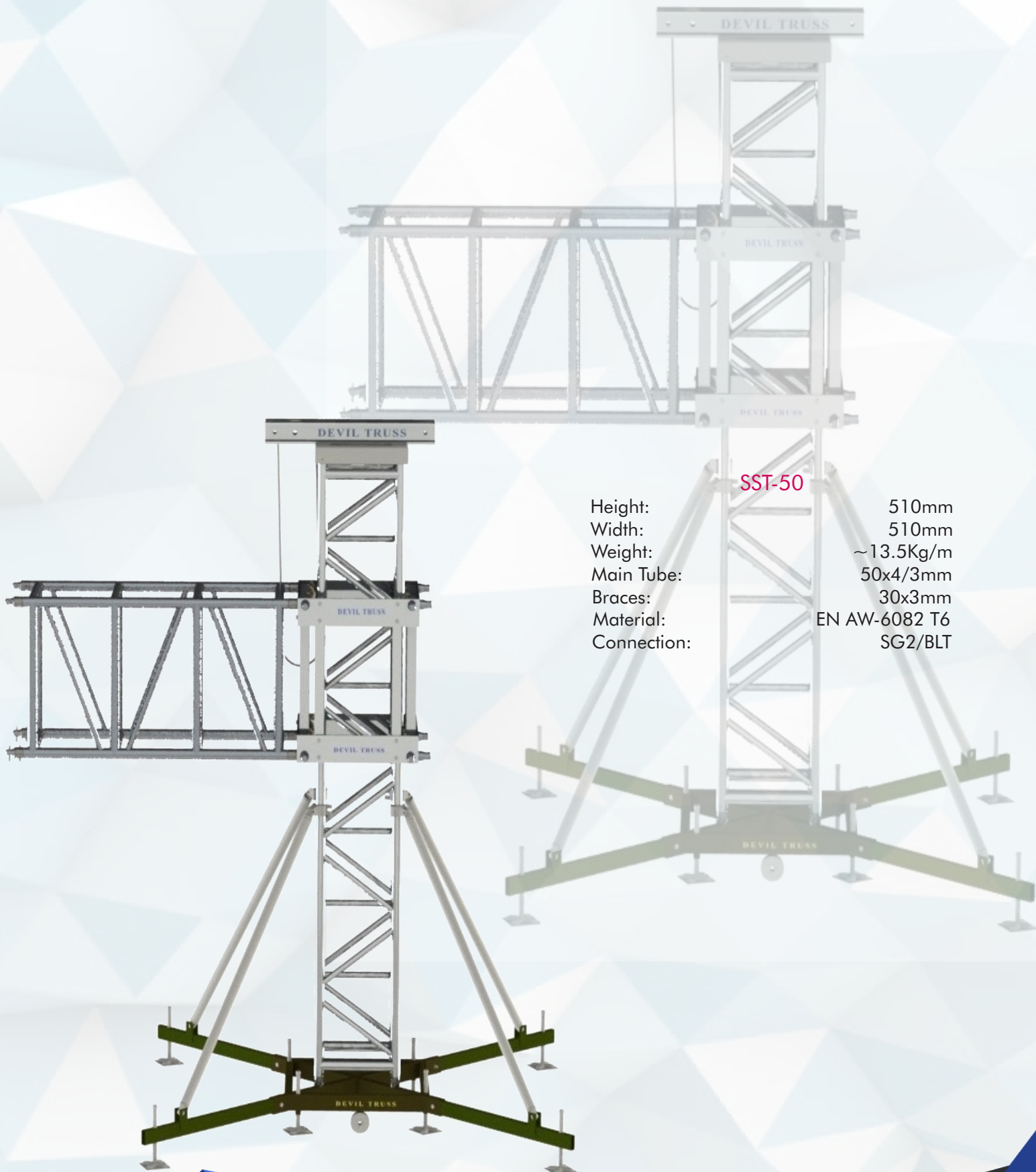
SST-40

Height: 400mm
 Width: 400mm
 Weight: ~11kg/m
 Main Tube: 50x4mm
 Braces: 30x3mm
 Material: EN AW-6082 T6
 Connection: SG2/BLT



BP-45

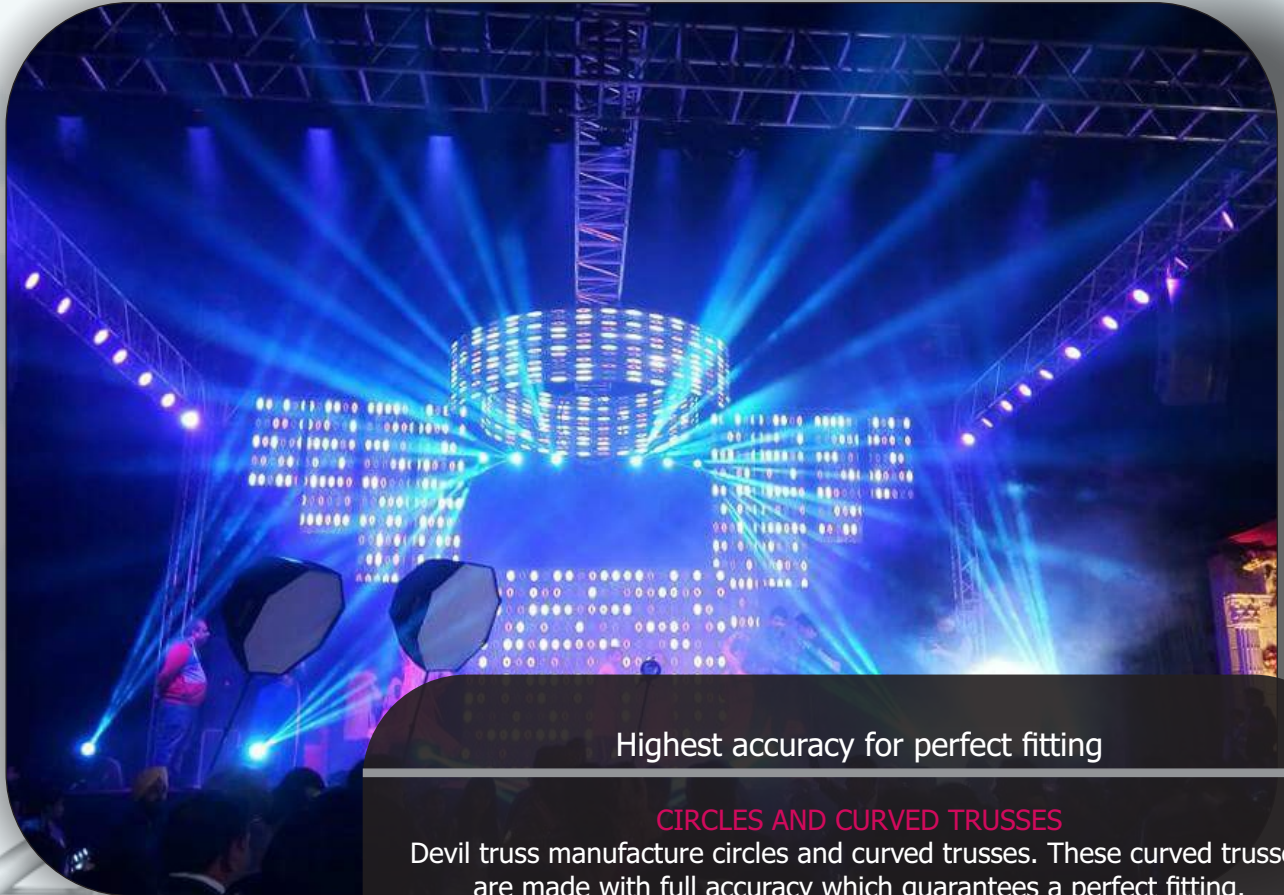
Height: 1200mm
 Width: 1200mm
 Weight: 32kg
 Main Tube: 80x40x30mm
 Material: EN AW-6082 T6



SST-50

Height:	510mm
Width:	510mm
Weight:	~13.5Kg/m
Main Tube:	50x4/3mm
Braces:	30x3mm
Material:	EN AW-6082 T6
Connection:	SG2/BLT

CIRCLES AND CURVED TRUSSES



Highest accuracy for perfect fitting

CIRCLES AND CURVED TRUSSES

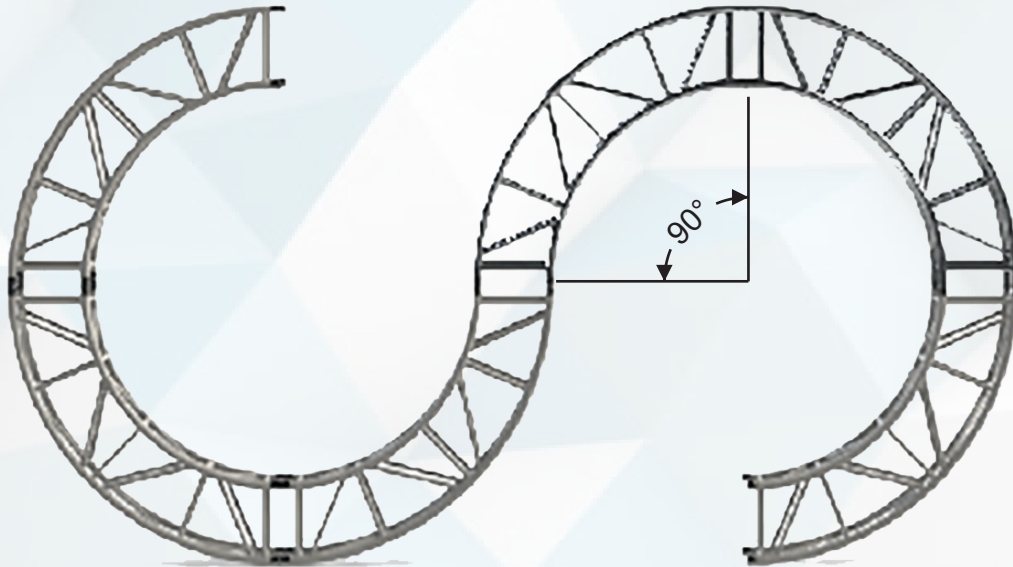
Devil truss manufacture circles and curved trusses. These curved trusses are made with full accuracy which guarantees a perfect fitting. all curved parts are made with special tools ensuring that all parts are identical. Every curved segment of a circles and curved trusses Series in various diameters and degrees. The number of curved partes is depending on the maximum length of each segment. The maximum length per segment may not exceed 15ft. Devil truss advises the purchase of an even number of parts (2, 4 or 8 parts) in order to obtain full flexibility and exchangeability with standard lengths and corner elements. Further it is advisable to check upon load bearing capacity as a circle or curved structure structure to be calculated differently.

Circle Parts:

The number of parts of a circle depends on the diameter. The number of parts of a circle depends on the diameter of the circle as well as the maximum length of the tube we can bend, which is 5.5 meter. You can calculate your needed unit of segments with this scheme:

Number of segments X:= Diameter x 3.14/5 Meter.

CIRCLE ELEMENTS



Devil truss advises the purchase of an even number of parts (2, 4, or 8 parts) in order to obtain full flexibility and exchangeability with standard lengths and and corner elements
See here are some example of various shapes which are possible.
As a quarter circle segment can be regarded as a big 90 Corner various structure opportunities appear.



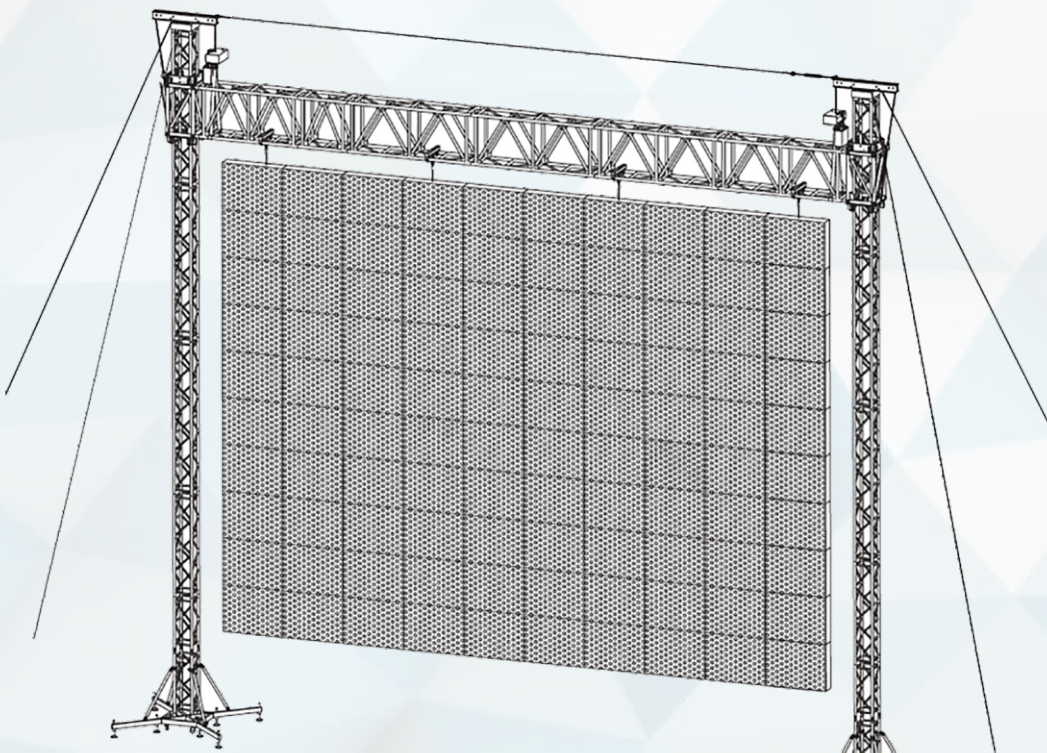
LED WALL TRUSS SYSTEM

More and more LED Screens are being used in all kind of events.

Not only LED Screens are being used at concerts nowadays but at all kind of events and promotional activities. LED Screens have a huge self weight hung on a few point loads and have a large closed surface. In the outdoor venues due to huge wind forces and multi point loads it is extremely important to choose the right system which can facilitate these forces

Devil truss has developed tow standard LED Bridges. Each LED Bridge is a two tower system of which the size and load capacity match all the requirements for standard available LED Screens from 80sq feet till 600sq feet. These Devil truss tower systems are the standard Devil Truss Towers SST40 with DT/MT horizontal truss span and SST35 with JT/ST horizontal truss plan.

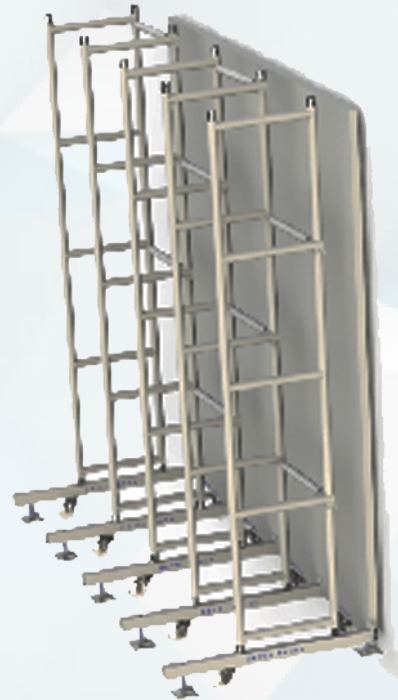
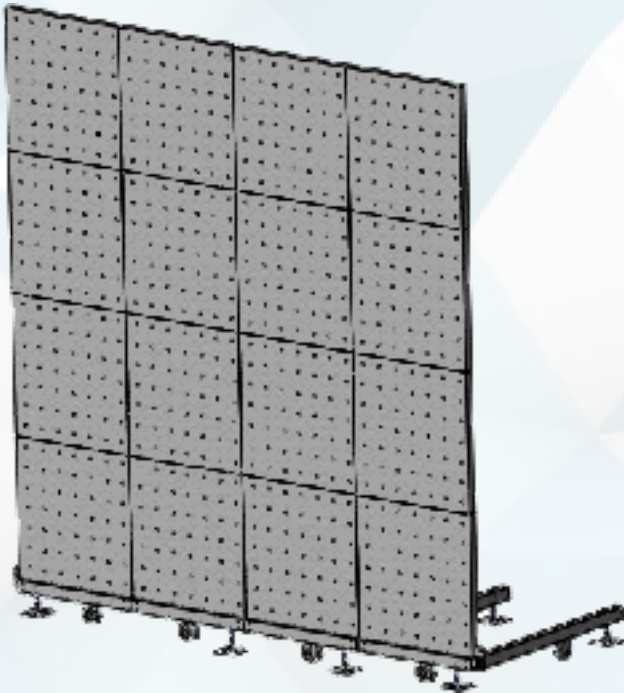
Standard component in the towers and standard truss lengths make these LED bridges extremely profitable and no special truss construction is required.



- LED-LT-01 LED Truss: SST35 Towers and ST Truss Span.
For LED Screens from 100sq feet till 200sq feet with a maximum load of 1500kg.
- LED-LT-02 LED Truss: SST40 Towers and MT Truss Span.
For LED Screens from 200sq feet till 600sq feet with a maximum load of 3000kg.

LED WALL TRUSS SYSTEM

Overview of Devil Truss LED Wall Ringing Stand



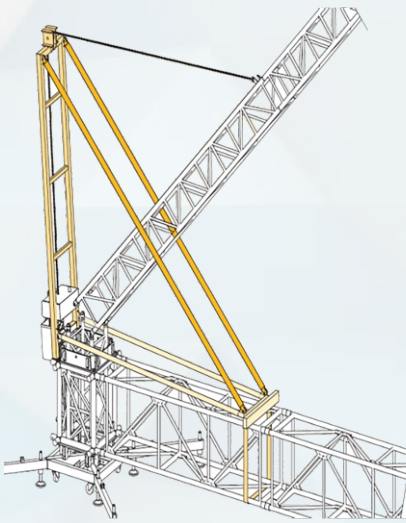
- Custom build on demand to meet users requirement according to the size of LED cabinet.
- Easy to climb while installing big heights.
- Made with heavy ISI ms rectangular tube for heavy load bearing capacity and strength.
- Height adjustment and wheel with brakes to easy move after installation.
- LED wall rigging after installation.
- Reduce the risk of accidents.

TOWER ERECTION SYSTEM

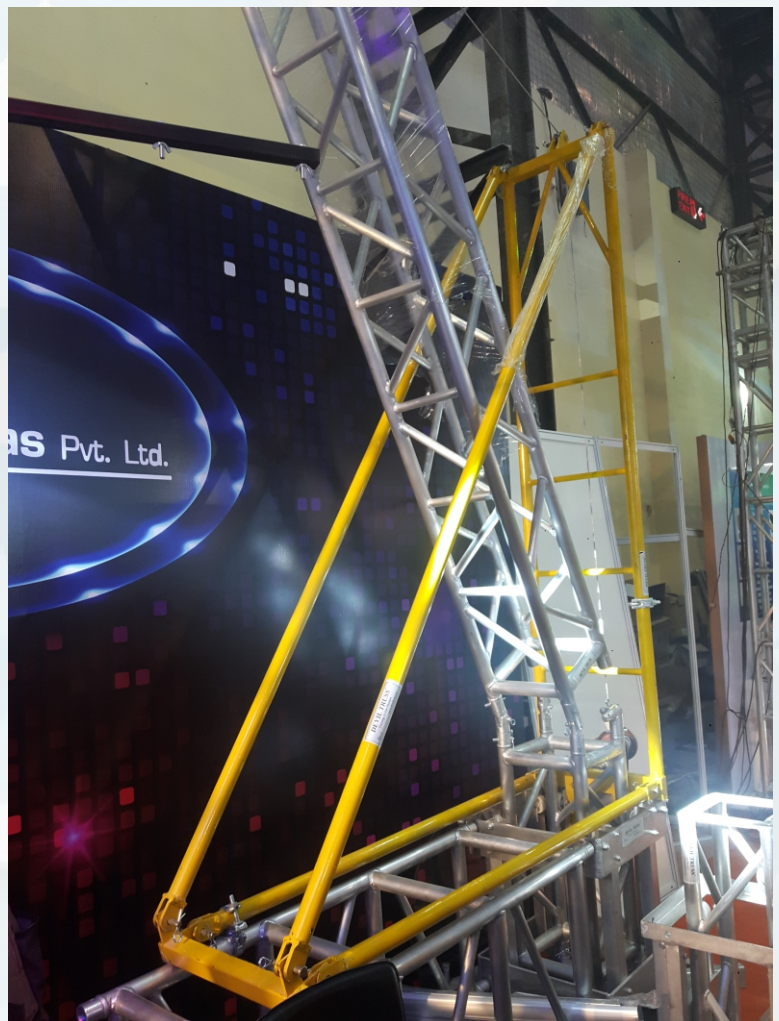
Overview of Devil Truss Tower Erection System

The Devil truss vertical tower lifting Systems developed as an additional tower products for the erection of the LD-Tower masts. It is a portable system that can be put up fast and safe. For each System a different Tower Lifting System can erect masts up to various heights.

The Tower Lifting System is constructed as a main frame and several loose tubes to be connected as a triangular shaped construction. The tower lifting System is placed on the sleeve block and on the truss which is fixed with the help of ratchet straps. The main frame has a pulley at the top, through which the chain or rope of the hoist is guided. By attaching the hoist to the base section and the hook of the chain to the mast the tower can be erected easily. In general the Tower Lifting System is very easy to mount and demount: Including erecting a tower it takes 20 minutes per tower. For each Tower lifting System one rigging hoist (1 Ton) and two sets of ratchet straps are necessary. A necessity for all tower being erected over 30 to 50 ft height.



- TLS50 Tower Lifting System for SST50 Tower & DT Main Rig
- TLS45 Tower Lifting System for SST45 Tower & MT/Main Rig
- TLS40 Tower Lifting System for SST40 Tower & MT/ST Main Rig
- TLS38 Tower Lifting System For SST38 Tower & JT Series Main Rig
- TLS35 Tower Lifting System for SST35 Tower & JT Series Main Rig
- TLS30 Tower Lifting System for SST30 Tower & LD Series Main Rig



LINE ARRAY TRUSS

Overview of Devil Truss Line Array Truss

The Devil Truss Line Array Towers are in principal stand alone towers to erect and support big PA Cluster or Screens at a given optimum height. The Sound Towers are all designed and calculated to perform in the outdoor scene.

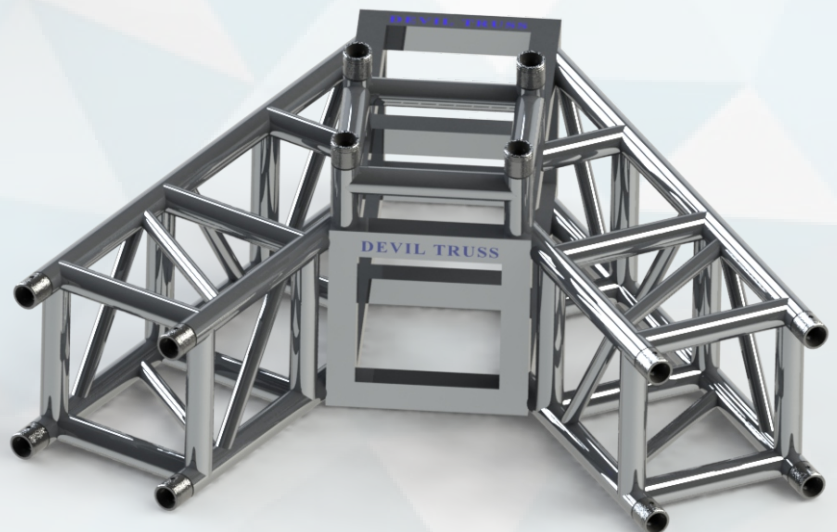
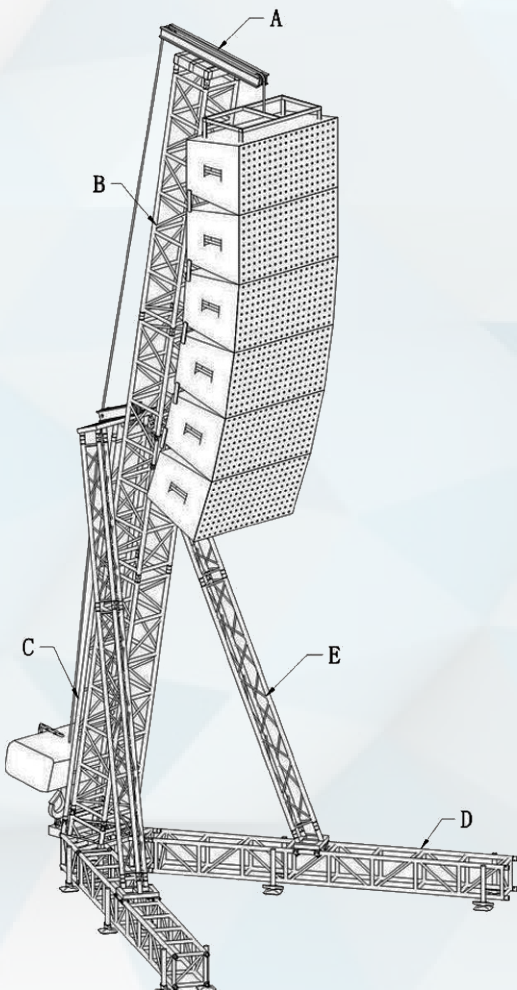
For each PA sizes and self weight, Devil Truss offers a matching Sound Towers solution which is easy and safe to set up, self erection PA and cost and space effective. The design of the Line Array Towers are all based on the V-shaped basement to have an angled mast to hand the PA Cluster in the right position. Each Line Array Tower requires ballast depending on the self weight and size of the PA Cluster. A Structural report for each of the Line Array Towers is available.

Devil truss carries three sound Tower Systems from 400 kg till 900 kg load with a height of 20ft till 35ft.

LINE ARRAY TRUSS LAT-ST

Devil truss designed the ST Sound Tower in order to fly heavy duty PA System.

The load bearing capacity is 900 kg on a maximum height of 40ft. The V-Shaped truss is based on standard ST and Ld30 Truss elements.



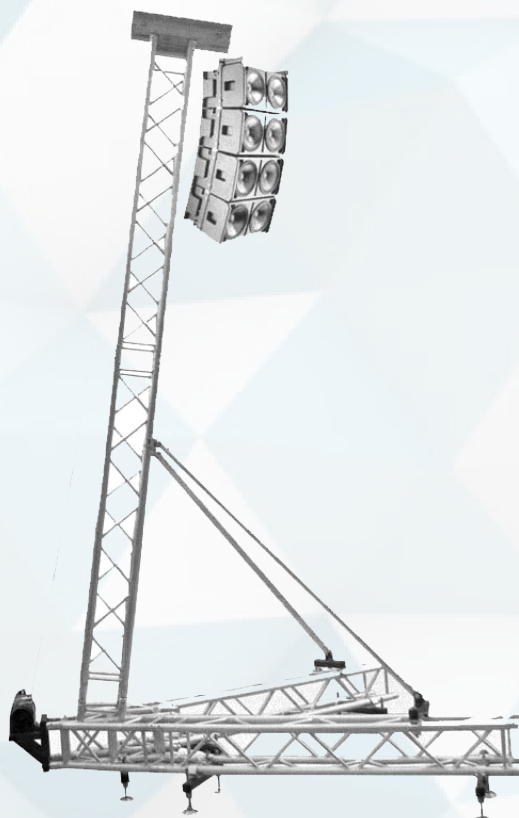
LINE ARRAY TRUSS

Overview of Devil Truss Line Array Truss



LINE ARRAY TRUSS LAT-40

Devil truss designed the Sound Tower in order to fly medium duty PA System. The load bearing capacity is 600 kg on a maximum height of 30ft. The V-Shaped Sound Tower is based on standard Ld40 Truss elements.



LINE ARRAY TRUSS LAT-35

Devil truss designed the LAT 35 Tower in order to fly light duty PA System. The load bearing capacity is 400 kg on a maximum height of 20ft. The V-Shaped Sound Tower is based on standard Ld35 Truss elements.

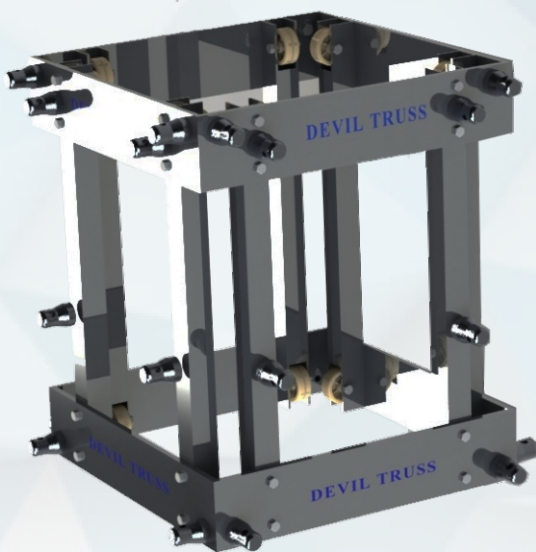


LINE ARRAY TRUSS LAST-35

Devil truss designed this LAST35 for fast and great height of sound. This is straight 90 line array tower for 30ft height and 400 Kg load bearing capacity.

CORNER BLOCKS & SLEEVE BOX

Dual connection sleeve box
For Medium and heavy truss systems



Four way sleeve box
For Monster truss

Corner Block
2 Side 3 Side & All Side Option



Folding sleeve box
for all systems
Less carrying space required

LIFTING TOWERS FOR LIGHTS & SOUND



Name	Lifting Tower
Model No.	Lt001
Height	2.0----- 5.5m
Thickness	3.0mm
Weight:	110 Kg
Loading Capacity	220kg
Beam	610mm
Base Size	480x480mm
Material:	Mild Steel



Name	Lifting Tower
Model No.	Lt002
Height	2.5----- 5m
Thickness	3.0mm
Weight:	100 Kg
Loading Capacity	210kg
Beam	500mm
Base Size	480x480mm
Material:	Mild Steel



Name	Lifting Tower
Model No.	Lt003
Height	1.5----- 3mm
Thickness	2mm
Weight:	15kg
Loading Capacity	60 Kg
Beam	2m - -10 Pcs Lamp Hole
Material:	Mild Steel

The Deviltruss lifters have been developed for professional and carry impressive features, impressive loads at given heights and a user friendly design. All Deviltruss lifters are made with high accuracy and best quality material for long time use



ACCESSORIES



Connectors and Pins
Bolt on connectors
Spacers
Hinge connections
Base plates
Hanging adapters
Riggings
Couplers & joints

ACCESSORIES

CONNECTORS, SPACERS & OTHER IMPORTANT FOR ALL SYSTEMS



Sg3 45mmX100mm
Spigot male connector
for DT/MT and SST50



Sg4 for 75mm
Male connector
For DT



Sg2 40mmX95mm
Male connector
For JT/ST/SST40/35



Adjustable spacer
For SG1/2/3 systems



Sg3 S15/30/45
for 15mm/30mm/45mm space
In DT/MT & SST50 Systems



Sg2 S15/30/45
for 15mm/30mm/45mm space
In JT/ST/SST40/SST35/LD40
LD35/LDR Systems



Hinge Set
SGHS 1/2/3 Safety
Truss Pin



Sg1 35mmX85mm
Male Connector
For LD30/SS130



Sg1 S15/30/45
for 15mm/30mm/45mm space
In LD30/SST30 Systems



SGHM 1/2/3
Half male connector

All Devil truss connectors are made accordingly the highest quality standard. Devil Truss only uses the aluminum quality 6082-T6 for the connectors.

In various designs and constructions like Ground Supports, spacers are required. Spacer get the matching size without compromising the usage of standard elements.

ACCESSORIES

CONNECTORS, SPACERS & OTHER IMPORTANT FOR ALL SYSTEMS



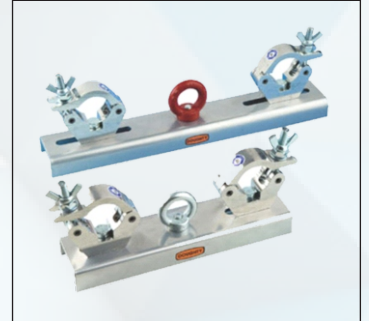
SGFA 1/2/3
Spigot female adaptor



TRP Truss pin
for all systems
65mm x 13mm



DTSH 1T/2T/4T/5T
Shackles with bolts
and screw collar



Truss hanging adapter
For all truss systems



Lighting Ladder for
hanging lights



Aluminum clamp for
hanging truss system



Truss hanging adapter
For designing truss



DT CH 1T/2T/4T
MOTORIZED CHAIN HOIST



Devil Truss Chain Block
Capacity 2 Ton



Accessories Carrying Case

STAGE EQUIPMENT



Folding Stage

Devil Truss is a specialist and total supplier of stage technology for your events. We will be more than pleased to accept the challenge and responsibility of accompanying all stage related products and designs beyond the point of sale to ensure a successful use and implementation. Central to our organizations' philosophy is providing maximum support in the area of training and high quality service. Soon with our engineering partners.

Only through the continuous exchange of ideas and experience with customers and partners Devil truss can provide detailed and well-informed solution to the complexity in modern stage technology. The technology allows the detailed display of designs and structures in three-dimensions. Besides that structural reports and static calculations can be supplied in co-operation with our engineering partners.



ALUMINIUM STAGE STAIR



TROLLEYS

Trolleys can be used for every type and size !

ROOF TRUSS



TRUSSES AVAILABLE ON ORDER



Roof Systems
Fork End Truss Systems
Triangle Truss Systems
Folding Truss Systems
MS Truss Without Nut-Bolt

OUR TRUSSES

MT-120 x 80



JT-80 x 60 x 30



DT-140 x 40



OUR TRUSSES

DELIVERED TO RAIPUR



DELIVERED TO KOLKATA



DELIVERED TO NEW DELHI



DELIVERED TO AHMEDABAD



120 x 800 DELIVERED TO AURANGABAD



OUR TRUSSES INSTALATION

NX AUDIO & LIGHTING MUMBAI



HI-TECH AUDIO OKHLA DELHI

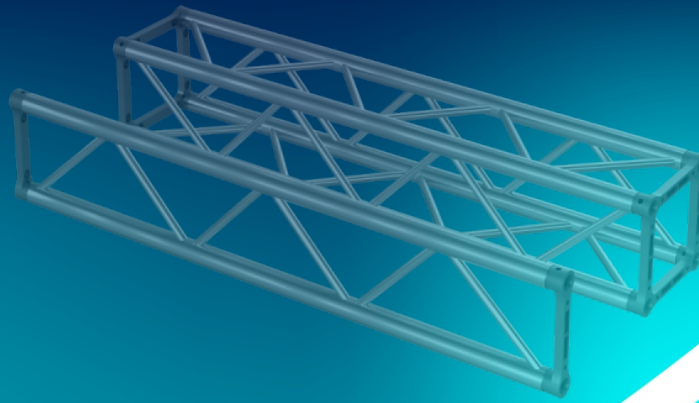


DJ EXPO NEW DELHI 5000 KG WEIGHT LIVE TESTING



WAVE EXHIBITION 2017 BANGLORE






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