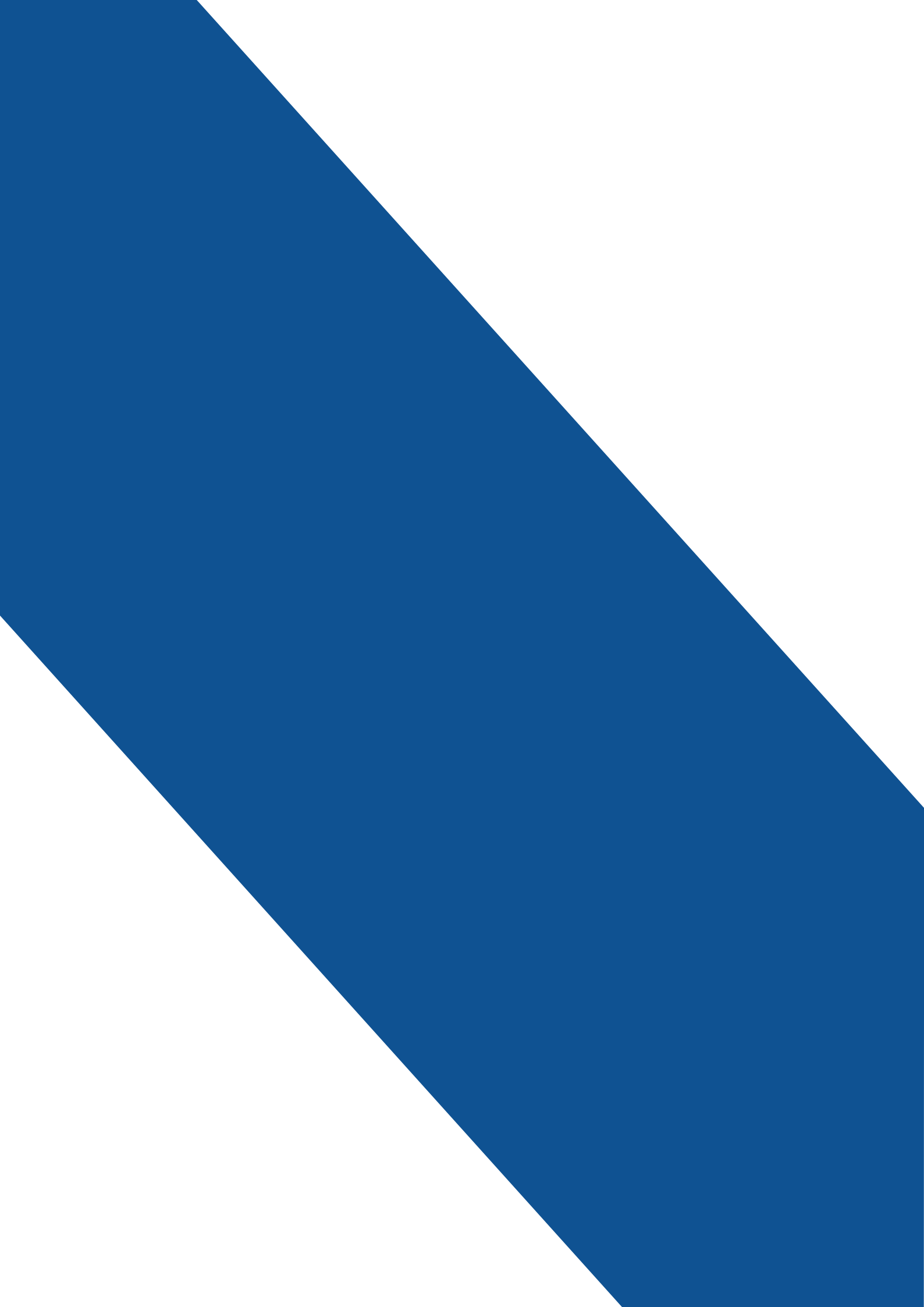




**EUROTRUSS**

# Catalogue

Structures | Stages | Stage Decks | Lifters | Barriers | Rigging | Engineering





We've always set the bar high,  
this time we raised it ... again

**Product Catalogue - The big book of Trussing & Staging**

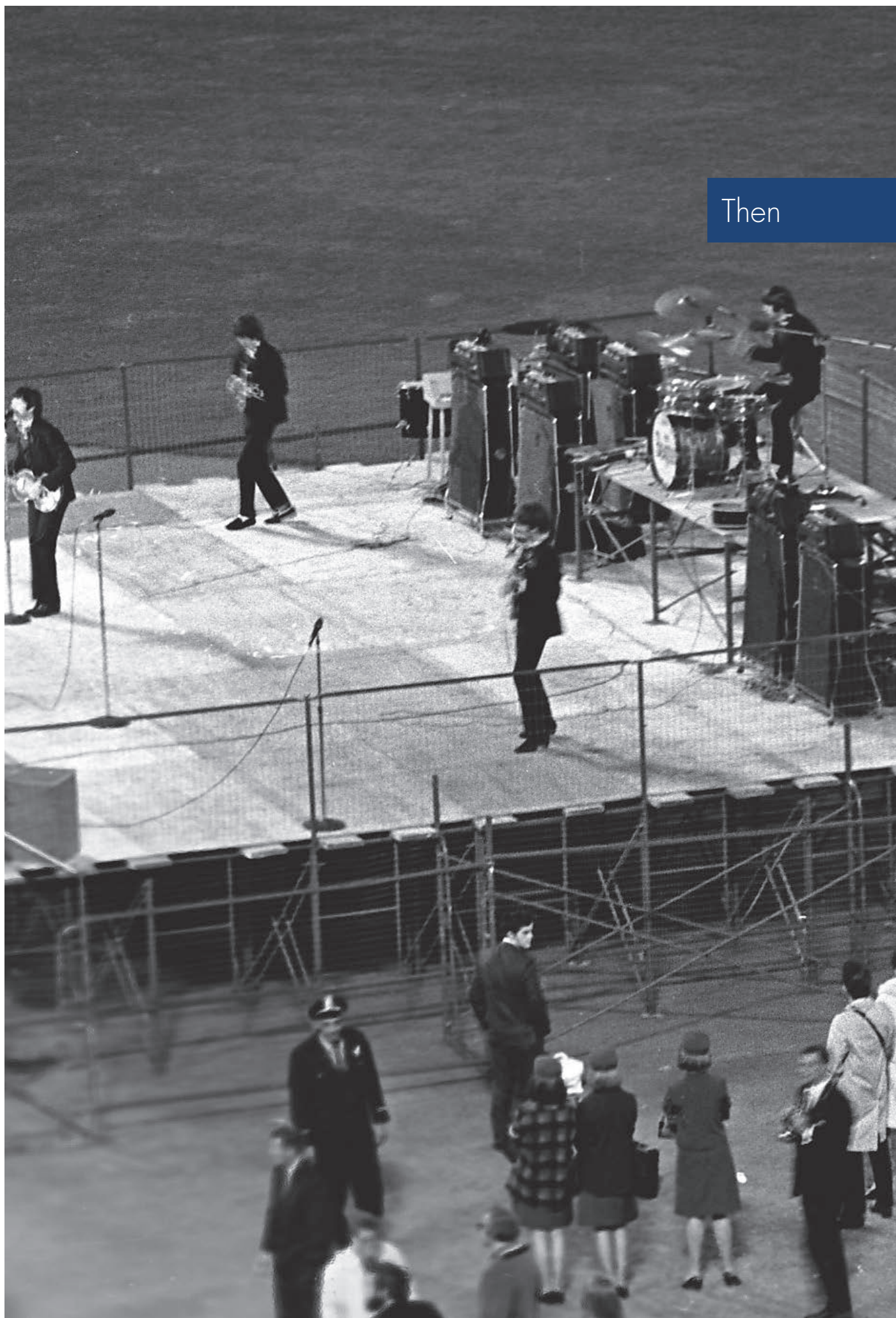
When truss becomes  
a piece of art







Then







Now

Over 20 years of experience  
and expertise  
**Let's make it Bigger**

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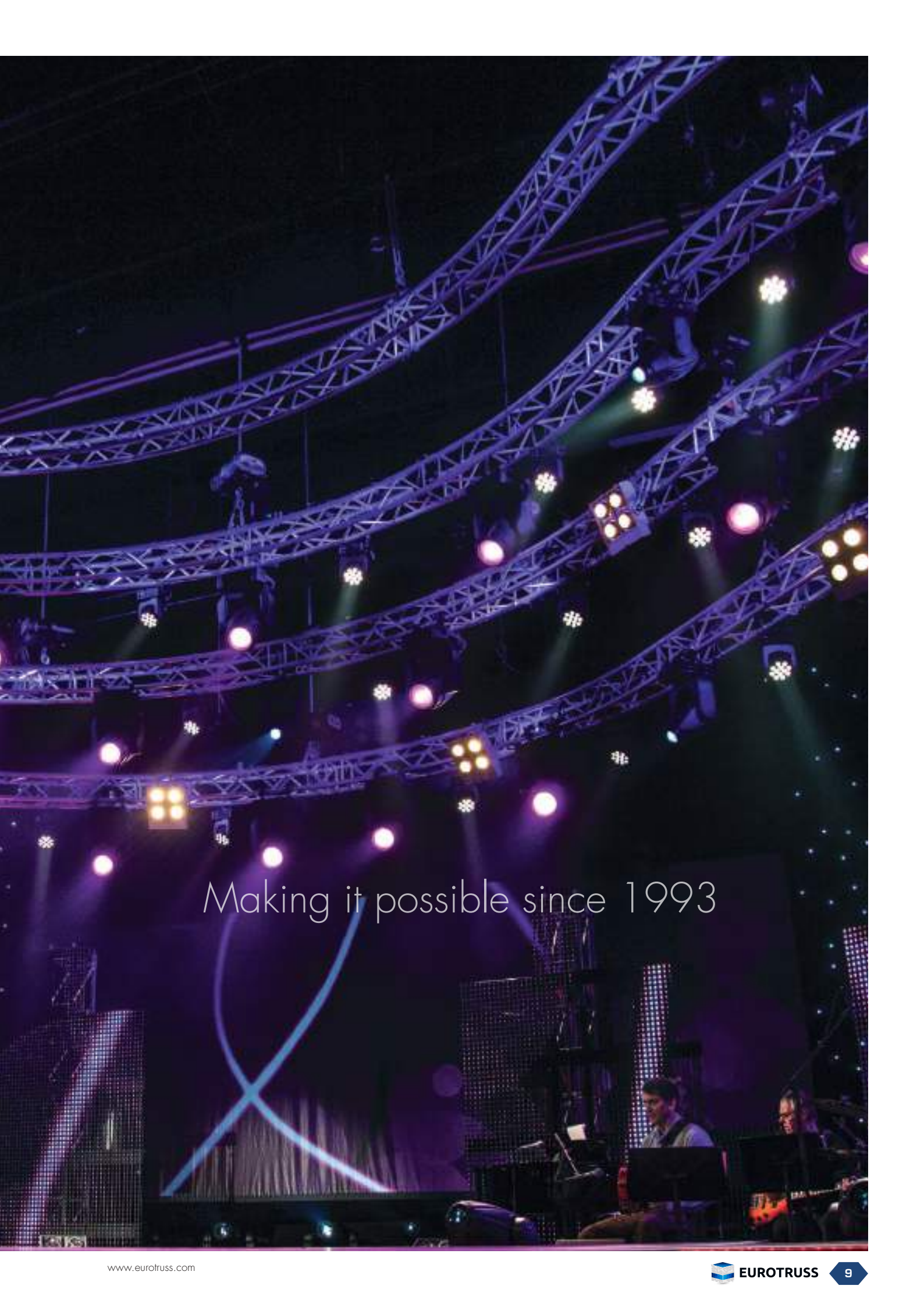
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Making it possible since 1993



# COMPANY

Eurotruss has been in business since the 1990s. Our heritage shapes the way we do business today. Eurotruss' corporate vision – provide solutions at the highest quality, service and support level without losing the human aspect – shows how clearly we understand 21st century-users and their needs.

**The spirit of this mission forms a thread that runs throughout our history.**

## About the Company

In the year 1993 Eurotruss started the production of aluminium truss systems. In 1993 Eurotruss successfully opened the first conical connection system which ultimately has proven to be an important innovation in the truss market. After the introduction of this new connection system in 1993 Eurotruss has established a modern production facility with high end machinery and excellent skills & service so it can guarantee the highest quality level in terms of products as well as high performance of the organization. During the last decade Eurotruss has established a broad and well trained dealer network around the globe.

In 2010 Eurotruss opened successfully its own sales office in Germany, which handles all sales and deliveries in Germany. This has proven to be the right step and later on many own branch offices followed this successful blueprint.

A well-motivated and trained team at each office, a large stock of all popular truss types and a 24/7 mentality is the key to be the right partner for all truss users globally. In 2010 Eurotruss also acquired the brand Slick which operates independently within the Eurotruss group. With the access of the expertise of fork connection, Eurotruss extended its product range standards, something that will remain one of the key aspects in the future.





## History of Truss

In the 1990s, Martin Kuyper, founder of Eurotruss, engraved his ideas for light weight and compact aluminum trussing by introducing his revolutionary fast duty and strong conical connection system that gave a boost to the industry as it created new purposes and markets.

This was long before the phrase 'Think Global, Act Global' had been invented, but these ideas have stayed at the heart of our business. Even though a variety of copied products have found their way into the market – the corporate vision of Eurotruss has never been copied and we work hard to maintain that leading position.

Follow our timeline to find out more about our history that now already crosses three decades!

## Company timeline

- **1993** Product innovation, Fast Duty Conical Connection System
- **1994** Eurotruss BV is formed
- **1994** First Company with TÜV approvals for the Truss Products
- **1995 - 2000** Focusing on export and setting up dealer network
- **2000** Over 50% growth in one year (Millennium)
- **2000 - 2005** A time for growth
- **2001** Moving into new state of the art 10.000m<sup>2</sup> premises
- **2005** First overseas operation – Eurotruss Middle East
- **2009** Economic World Crisis – Eurotruss losing 40% of its turn over
- **2010** Winning biggest Truss Job in the world (QNCC-Qatar)
- **2012 - 2015** Developed new product lines – stage decks & lifters
- **2012 - 2015** New sales offices are formed in Germany, UK, USA and Latin America
- **2015 - present** Global Appearance - Sustainable growth



Eight steps to get you the best Products. You can rely on us with every step we take, together.  
**The process of Eurotruss.**

### **1. Connect with the client**

Whether you have direct contact with Eurotruss or with one of its Preferred Partners, the most important and valuable steps in the process of choosing the product you need is where we get to know each other. We exchange thoughts and we listen to your vision and expectations. We will ask questions and discuss every bit of the project.

### **2. Concept & Offer**

It does not matter if your construction is a simple span or a complex and huge stage system. We always bring you the best solution! After finding out what you need, we will brainstorm about a concept and do a proposal, if needed we present this together with drawings and / or 3D renders.

### **3. Engineering**

Occasionally engineering is required on complex projects. This is the part where the creativity of an idea is tested against the forces of nature. Is the idea we created together possible and what do we need to make it safe and secure? Sometimes a simple and fast check by our experienced staff is the only thing necessary to reassure you!





#### 4. Production

Eurotruss works with the best materials available and can proudly say she has a high skilled production staff trained to bring you the best products. Eurotruss' production staff is proud, accurate, flexible and fast. Speed is the key to our success!

#### 5. Quality control

When the production process has been finished, each product is subject to quality control before it leaves the factory. Eurotruss commits to maintain and continually improve the effectiveness of the quality control procedure. We set objectives and measure our success. Our operating objective is to complete each order or project safely, on time and on budget!

#### 6. Logistics

With over 20 years of experience in shipping our products globally, we can easily say that you can count on our logistics department. Together with the best transportation partners for road, sea, air and express delivery you can count on getting your products in time on every place!

#### 7. Installation & Training

Even though our products are very easy to use sometimes a project needs our expertise, for example at the first installation of a big roof system. Our experienced and well prepared training team travel to every corner of the world to support you during set up and training. We will train your crew on the job, teach them all tips & tricks of the system, but most important; we teach them to be responsible and keep it safe!

#### 8. Support

Investing in Eurotruss means investing in a brand that has proven itself in providing a quick response and high level of support as this has become the key element in the entertainment industry. Whether you require product specs, technical drawings, structural/engineering solutions or sales related issues like availability, price and freight solutions; Eurotruss aims to reply with a satisfying answer within 24 hours!

# QUALITY

Eurotruss believes that we are one of the leading truss manufacturers in the global entertainment industry because we make great products and that's not changing.

**We are constantly focusing on innovating our products, production process and high level of expertise and service!**

## The Original

As labels can be removed, Eurotruss has a unique mark to give the users the guarantee that they work with an original Eurotruss product. At the end of all female receivers there is a ring with the text »Eurotruss Model Protected« engraved. The same receiver also includes a batch number engraved that leads back to the material certificate of which the receiver was produced from. With our ultimate material tracking system we make sure you feel secure with our products!

Always check for the original Eurotruss mark and make sure that you only work with an AUTHENTIC Eurotruss product. By doing this we can guarantee a safe and excellent product which gives our clients and their clients the most secure feeling in the world.

If you promise to stick to the original Eurotruss, we promise you that the original Eurotruss sticks to you!





## It's all about precision

There is no doubt; Eurotruss has one of the most accurate and precise aluminium truss products available on the international market.

Our great expertise, high level of precision and accuracy, efficient and modern production technology are the pillars on which Eurotruss has developed a full comprehensive product range for all purposes.

Nowadays this is more important than ever as with the constant flow of copies the interest in quality, durability and ultimately safety tends to disappear.

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. Jeopardizing the rules of rigging as truss is a 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 every single truss user gathers all truss information about quality, loading charts, approvals and all there is to know about trussing before purchasing or promoting a certain brand.

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

## Quality Check

When the production process has been finished, each product is subject to quality control before it leaves the factory. Eurotruss commits to maintain and continually improve the effectiveness of the quality control procedure. We set objectives and measure our success. Our operating objective is to complete each order or project safely, on time and on budget.

We believe that we need to own and control the primary technologies behind the products that we make, and participate in all markets where we can make a significant contribution. We believe in strong collaboration and cross-pollination of our sales offices, which allow us to innovate in a way that others cannot. And frankly, we don't settle for anything less than excellence in every part of the market. We have the self-honesty to admit when we are wrong and the courage to change when it concerns our quality!



At the moment confusion and open questions raised within the market and therefore it is a necessity to inform you about the basics and consequences which will provide the answers to your questions and confusion..

## Be aware, be responsible

From 2012 on to July 1st 2014 the new norms and regulations have been rejected and delayed by official institutions in Europe. Mainly as the norms were not only renewed, but replaced with a new structure of norms and regulations related to each other. Due to this new structure in Europe for structures set by law, the new regulations apply to manufacturers, product users, structural engineers and even all official institutions and demand to be followed up.

## Standard norms as you might know it, are no longer valid

Due to the complexity of these issues our market was not fully and properly informed and even up to today many questions and or wrong interpretations reach us every day.

The new EN Norms are all captured within the Euro Codes which is basically a safety norm in which manufactures are bounded to recalculate the products and fulfill the EN 1090 which describes a number of necessities on the manufacturing level and within their execution classes, these will be defined for those products. These Execution Classes are giving information and directions on the applications of the products. For instance the manufacturer of Stage Structures as Roofs need to have certification level of Execution Class 3. The demand for Temporary structures is accordingly EN 13814.

Any truss and or structure referring and calculated to old DIN norms are not longer permitted so be aware of only working with EN approved products.

You should be able to rely on the brand of truss you use but be aware that it is your duty and responsibility to use a product that is designed, calculated and made according the new Eurocode norms. Be aware and be responsible!

If you want to know more check the appendixes or just ask us as we as Eurotruss understand, respect and implemented theses higher safety norms and take our responsibility in this matter very seriously.





## Using CE Mark only legitimate if the truss is EN- 1090 certified

Started July the 1st 2014 the CEN, the European Committee of Norms, passed the Eurocodes (EC) Act. The EC are streamlined in European law for the building and construction industry giving a strong signal to global markets which are orientated to the European markets. The Eurocodes are regulating structural approvals, dimensioning, criteria for calculations and product criteria for all materials used in the European Union.

From July the 1st 2014 nearly all of the European countries adapted the Eurocodes and ended all temporarily exceptions! That means that all standard norms (like the "old" DIN) are no longer allowed to be used, all calculations – product information based on those (old) norms may not be used and are no longer legitimate. This ruling applies not only on manufacturers but also on structural engineers, re-sellers and users of Trussing & Roofs.

## The Eurocodes can and may not be ignored by nobody

The new European Norm (EN) 1090 is obligatory for all manufacturers of steel and aluminum products within the construction industry. Only EN 1090 certified manufacturers are allowed to CE mark their products. The CE label, which shows that the product complies to the strict regulations set by EN 1090.

Next to proven quality controlled manufacturing using high skills of craftsmanship, the expertise and the education within the company and its organization are necessary to obtain this certificate, EN 1090. Certified companies must show their performance level on a yearly base and get an annual inspection, to hold on to the rewarded certificates. The certifying institutions are independent and have been accredited by European Regulation Institutions.

Fact is that Eurotruss fulfills that comfort as Eurotruss always manufactured according the latest norms and regulations and proudly we can guarantee that all our truss and our roofs are made, calculated and approved accordingly the new Eurocode.

No worries, we got you covered!



Eurotruss is ready to move forward. In order to provide the Eurotruss user the most suitable truss type, highest quality and best support, we have divided the Eurotruss Markets in **TOURING, CORPORATE, INSTALLATIONS, THEATRE AND INDUSTRY.**

## **Touring & Corporate**

Eurotruss is worldwide one of the well-known brands and partners of dry-hire and production rental companies. Unbeatable quality, flexibility, maximum technical & engineering support are the key issues for the rental companies in the **Touring** industry.

With the recognition of aluminium truss systems as the perfect modular 'frames' for exhibitions and temporarily corporate installations for marketing purposes, more and more rental companies have grown an expertise in the field of our second market segment; **Corporate!**





## Installation & Theatre

Recently more and more permanent and semi temporarily installations are being built with aluminium truss systems. The demands from in the **Installation** market are support in design, value engineering in terms of a load ability as well as rigging and installation support.

The demands from the fourth market segment - **Theatre** - are mainly focused on design, safety, engineering in terms of a load ability as well as integration of fly bars etc. During the years Eurotruss gained a lot of expertise in the theatre, film and tv world cooperation with suppliers of drapes, fly bars, tribunes and stages.

## Industry & Offshore

In the **Industry & Offshore** segment for several specialist applications aluminium trussing can be a perfect substitution for steel structures. Eurotruss as one of the first, have made several customized structures for industrial and offshore applications which have been adapted as standard truss applications for these particular markets. A tested and approved truss fabrication meeting the highest quality requirements is obligatory for the Industry & Offshore. Eurotruss has all the approvals, expertise, engineering support and service level which enables us to become the standard in many fields of these markets.

Design, Engineering, Safety and Total Support within the specifications of the market are the main characteristics that make Eurotruss the leading manufacturer and supplier in the global entertainment markets.



Eurotruss manufactures Truss, Roofs, Lifters, Stage Decks and Barriers all under one roof. Besides these products we supply all complementary accessories and rigging products like safety equipment and rigging hoists. In order to give our wide product range the maximum exposure and support we have categorized the products in product groups. Each product category has its own trademark and logo set by color.



## Our Product Categories

Eurotruss has a wide range of aluminium truss systems. Next to the worldwide leading HD/FD lightweight truss system, we carry ground support towers, pa and rigging towers plus bigger truss systems like the rectangular XD, the 50cm (20,5") ST and the foldable truss systems. In the Pre Rig range Eurotruss offers a 101cm (40") rectangular TT system with upgrade versions called TTU / TTS (higher loading specs) and special Touring Truss called PRT.

Next to all standard truss Eurotruss has become the leading brand in roof systems from 48m<sup>2</sup> up to 600m<sup>2</sup>, all approved, calculated and designed according the international standards for live events and concerts!





## Our Support

Investing in Eurotruss means investing in a brand that has proven itself in providing a quick response and high level of support as this has become the key element in the entertainment industry.

Whether you require product specs, technical drawings, structural/engineering solutions or sales related issues like availability, price and freight Eurotruss aims to reply with a satisfying answer within 24 hours.

Eurotruss is very keen on providing solutions and answers. We keep a track record of all inventory of our sales and rental partners. If you need Eurotruss anywhere in the world we are able to direct your needs and connect companies.

In order to provide a good solution, all trussing and stage systems require solid engineering. Each brand needs to have a sound understanding of the user demands. Eurotruss has a dedicated sales & customer care team to handle your requirements and an experienced engineering team to discuss your needs.

## Our Expertise

With a growing portfolio of products and an increasingly comprehensive range of services our investment in technical support is very important. Two-thirds of our investment is aimed at improving the technical features of our products.

We invest heavily in state of the art technology and knowledge as we have a clear focus on supplying the highest quality and user friendly features to provide the best trussing and stages in the market.

We specifically provide products that have been calculated and approved according the highest quality regulations (Eurocode) and solutions which withstand all safety regulations (TüV), next to this our team of experts is dedicated to support you in providing solutions and giving education. We think it is important to achieve the right mix of innovation, education and investment and responsibility being an ultimate partner in our business.

As a global group, we conduct training and technology programs on behalf of partners, dealers and users all around the world!



**EUOTRUS**  
S T R U C T U R E S





The background image is a composite of two scenes. The top right shows a close-up of a complex metal truss structure, likely for stage lighting, with numerous red and yellow spotlights attached. The bottom left shows a large crowd of people at a night event, with several bright green spotlights shining down on them. A diagonal blue line separates these two images.

# Conical Truss

In the early 90's Eurotruss invented the conical spigot connection which ultimately has proven to be one of the most important innovations in the global truss & rigging market.

**The connection that gives you strength!**









# Multi Truss

The Multi Truss series holds our most versatile truss system and are called the FD/HD series. These series are multi purpose truss for indoor and outdoor as it is used for single and multiple rig spans, in ground supports and even capable to be used in small and medium roof/stage systems.

All FD/HD Truss Series carry the same connection and accessories and with its compact size, low self weight and relative high load bearing capacity the most used truss in the entertainment market globally.

**The truss that does 90% of all the jobs!**









Permitting almost limitless possibilities for the technical realization of creative ideas







## HD22 Ladder Truss

HD22, a ladder beam truss which carries the best ingredients in terms of design, strength, durability and user friendliness. No compromise has been made and this truss is the perfect extension to your existing truss range.

The HD22 is the product name as it indicates the usage of the standard FD/HD Connection and refer to a 2 point tube ladder structure with a dimension of 200mm. The HD22 has a symmetrical bracing pattern using 20x2mm diagonals and straight end braces to optimize strength without compromising the symmetrical pattern for ideal outlining of your fixtures. The size of 200mm in combination with the diagonal bracing pattern ensures maximum stability.

The main tube is a massive strong tube which guarantees maximum durability and strength. Well chosen is the horizontal pin position which ease and fasten the set up.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- Symmetrical bracing pattern
- Massive strong maintube & standard CS1-CON
- Horizontal pin position which ease and fasten installation
- Universal corner block system allowing you to make all directions
- TÜV approved

### Specifications HD22






	<b>Metric</b>	<b>Imperial</b>
Height:	200 mm	7.87 in
Width:	50 mm	1.97 in
Main Tube:	48,4 x 4,47 mm	1.91 x 0.18 in
Braces:	20 x 2 mm	0.79 x 0.08 in
Weight:	~4,3 kg/m	~2,9 lbs/ft
Pin Position:	Horizontal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	







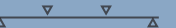


# HD22 Loading charts

## 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
<b>2</b>	598	2	1196	4	598	3	399	3	299	3
<b>3</b>	397	8	890	10	596	11	397	10	298	10
<b>4</b>	297	19	664	17	498	22	332	21	277	22
<b>6</b>	145	49	436	39	327	50	218	47	182	49
<b>8</b>	80	87	320	71	240	89	160	83	133	88
<b>10</b>	50	137	249	112	187	140	124	131	104	138

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>6,56</b>	401,8	0.08	2631,2	0.16	1315,6	0.12	877,8	0.12	657,8	0.12
<b>9,84</b>	266,8	0.31	1958,0	0.39	1311,2	0.43	873,4	0.39	655,6	0.39
<b>13,12</b>	199,6	0.75	1460,8	0.67	1095,6	0.87	730,4	0.83	609,4	0.87
<b>19,69</b>	97,4	1.93	959,2	1.54	719,4	1.97	479,6	1.85	400,4	1.93
<b>26,25</b>	53,8	3.43	704,0	2.80	528,0	3.50	352,0	3.27	292,6	3.46
<b>32,81</b>	33,6	5.39	547,8	4.41	411,4	5.51	272,8	5.16	228,8	5.43

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



# FD32 Ladder Truss

The FD32 Ladder truss, a truss for vertical and horizontal rigs, this truss made out of two main tubes combined with the eurotruss bracing pattern is already a great start. Together with the Tolerance free conical connector system the straight elements lend themselves perfectly to use a a span exposed to bending stress.

Combined with FD34 Truss they possess a broad range of applications.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

## Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Compatible with FD34

## Specifications FD32






	Metric	Imperial
Height:	290 mm	11.42 in
Width:	50 mm	1.97 in
Main Tube:	50 x 2 mm	1.97 x 0.08 in
Braces:	20 x 2 mm	0.79 x 0.08 in
Weight:	~3 kg/m	~2 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	





## FD32 Loading charts




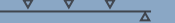

### Metric loading charts

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
<b>2</b>	570	2	855	2	570	3	380	2	285	2
<b>3</b>	379	6	687	6	426	7	322	7	262	7
<b>4</b>	284	15	565	12	368	13	286	15	236	15
<b>6</b>	127	35	380	28	282	35	190	33	158	35
<b>8</b>	70	62	280	50	210	63	140	59	117	62
<b>10</b>	44	97	219	79	164	99	110	92	91	97

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

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>6,56</b>	383,0	0.08	1881,0	0.08	1254,0	0.12	836,0	0.08	627,0	0.08
<b>9,84</b>	254,7	0.24	1511,4	0.24	937,2	0.28	708,4	0.28	576,4	0.28
<b>13,12</b>	190,8	0.59	1243,0	0.47	809,6	0.51	629,2	0.59	519,2	0.59
<b>19,69</b>	85,3	1.38	836,0	1.10	620,4	1.38	418,0	1.30	347,6	1.38
<b>26,25</b>	47,0	2.44	616,0	1.97	462,0	2.48	308,0	2.32	257,4	2.44
<b>32,81</b>	29,6	3.82	481,8	3.11	360,8	3.90	242,0	3.62	200,2	3.82

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

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## HD32 Ladder Truss

The HD32 Ladder truss, a truss for vertical and horizontal rigs, this truss made out of two main tubes combined with the eurotruss bracing pattern is already a great start. Together with the Tolerance free conical connector system the straight elements lend themselves perfectly to use a a span exposed to bending stress.

Combined with HD34 Truss they possess a broad range of applications.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Increased loading compared to FD32 (up to 50%)
- Compatible with HD34

### Specifications HD32

	<b>Metric</b>	<b>Imperial</b>
Height:	290 mm	11.42 in
Width:	50 mm	1.97 in
Main Tube:	50 x 3 mm	1.97 x 0.12 in
Braces:	20 x 2 mm	1.97 x 0.08 in
Weight:	~4 kg/m	~2,7 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	





## HD32 Loading charts

### 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	569	1	854	1	569	2	379	2	285	2
3	283	10	831	12	481	12	373	13	277	12
4	187	35	560	28	416	35	280	33	233	35
6	103	62	414	50	310	63	207	59	172	62
8	81	78	364	63	273	80	182	74	152	79
10	65	97	325	78	243	99	162	92	135	97

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
6,56	382,4	0.04	1878,8	0.04	1251,8	0.08	833,8	0.08	627,0	0.08
9,84	190,2	0.39	1828,2	0.47	1058,2	0.47	820,6	0.51	609,4	0.47
13,12	125,7	1.38	1232,0	1.10	915,2	1.38	616,0	1.30	512,6	1.38
19,69	69,2	2.44	910,8	1.97	682,0	2.48	455,4	2.32	378,4	2.44
26,25	54,4	3.07	800,8	2.48	600,6	3.15	400,4	2.91	334,4	3.11
32,81	43,7	3.82	715,0	3.07	534,6	3.90	356,4	3.62	297,0	3.82

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



# FD33 Triangle Truss

FD33, the triangular truss with equilateral profile geometry for larger loads.

The FD33 straight elements lend themselves perfectly for making bending stress resistant spans up to 12 meters (39 feet). Designed for high frequency usage or installations, which demands higher loading.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

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 FD33		
	Metric	Imperial
Height:	258 mm	10.16 in
Width:	290 mm	11.42 in
Main Tube:	50 x 2 mm	1.97 x 0.08 in
Braces:	20 x 2 mm	0.79 x 0.08 in
Weight:	~4,5 kg/m	~3 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	





## FD33 Loading charts

### 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	444	7	667	6	500	8	333	7	278	8
5	157	21	393	17	295	21	197	20	164	21
8	59	53	236	43	177	54	118	51	98	53
10	36	83	182	68	136	85	91	80	76	84
11	29	01	161	83	121	103	81	97	67	102
12	24	120	144	100	108	123	72	115	60	121

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

### Imperial loading charts

Span*	UDL ▼▼▼▼▼▼▼▼▼▼▼▼▼▼▼▼		CPL ▲▼▲		1/3 Point Load ▲▼▼▲		1/4 Point Load ▲▼▼▼▲		1/5 Point Load ▲▼▼▼▼▲	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
9,84	298,4	0.28	1467,4	0.24	1100,0	0.31	732,6	0.28	611,6	0.31
16,41	105,5	0.83	864,6	0.67	649,0	0.83	433,4	0.79	360,8	0.83
26,25	39,6	2.09	519,2	1.69	389,4	2.13	259,6	2.01	215,6	2.09
32,81	24,2	3.27	400,4	2.68	299,2	3.35	200,2	3.15	167,2	3.31
36,09	19,5	0.04	354,2	3.27	266,2	4.06	178,2	3.82	147,4	4.02
39,37	16,1	4.72	316,8	3.94	237,6	4.84	158,4	4.53	132,0	4.76

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## HD33 Triangle Truss

HD33, the triangular truss with equilateral profile geometry for larger loads.

The HD33 straight elements lend themselves perfectly for making bending stress resistant spans up to 16 meters (53 feet). Designed for high frequency usage or installations, which demands higher loading.

HD33 is using the 3mm wall thickness in the maintube which assures durability and extra strength.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Increased loading compared to FD33 (up to 50%)
- Increased wall thickness of 3mm for 50mm main tubes

### Specifications HD33






	<b>Metric</b>	<b>Imperial</b>
Height:	258 mm	10.6 in
Width:	290 mm	11.42 in
Main Tube:	50 x 3 mm	1.97 x 0.12 in
Braces:	20 x 2 mm	0.79 x 0.08 in
Weight:	~7,5 kg/m	~5 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	










## HD33 Loading charts

### 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
<b>3</b>	653	7	980	6	735	8	490	7	408	7
<b>5</b>	232	21	580	17	425	21	290	20	242	21
<b>8</b>	88	53	350	43	263	54	175	51	146	53
<b>11</b>	44	101	242	83	181	103	121	96	101	101
<b>14</b>	25	164	176	138	132	167	88	158	73	167
<b>16</b>	18	216	149	183	108	220	72	208	60	217

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

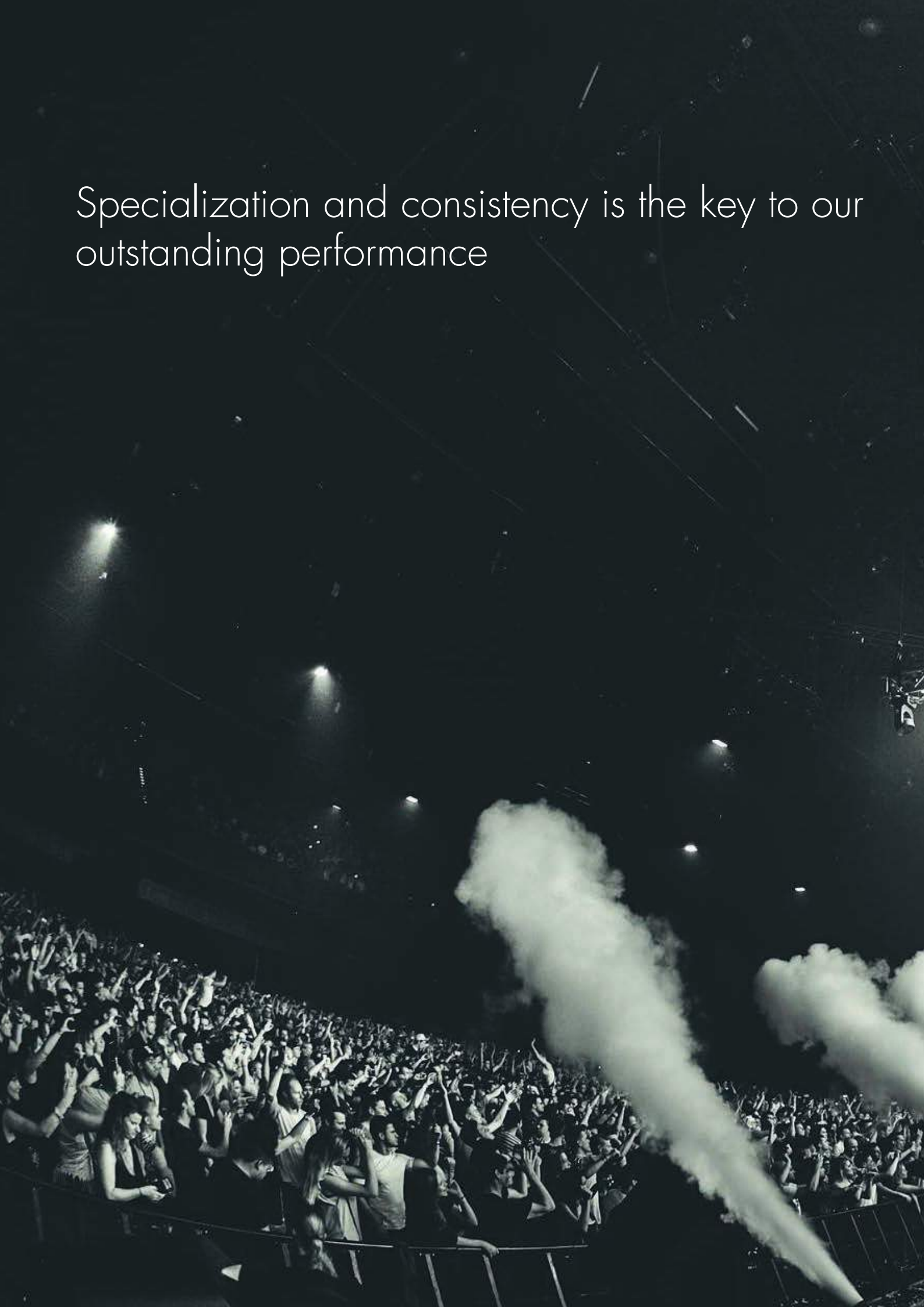
### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>9,84</b>	438,8	0.28	2156,0	0.24	1617,0	0.31	1078,0	0.28	897,6	0.28
<b>16,41</b>	155,9	0.83	1276,0	0.67	935,0	0.83	638,0	0.79	532,4	0.83
<b>26,25</b>	59,1	2.09	770,0	1.69	578,6	2.13	385,0	2.01	321,2	2.09
<b>36,09</b>	29,6	3.98	532,4	3.27	398,2	4.06	266,2	3.78	222,2	3.98
<b>45,93</b>	16,8	6.46	387,2	5.43	290,4	6.57	193,6	6.22	160,6	6.57
<b>52,50</b>	12,1	8.50	327,8	7.20	237,6	8.66	158,4	8.19	132,0	8.54

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.

Specialization and consistency is the key to our  
outstanding performance









# FD34 Square Truss

FD34 straight elements lend themselves to use as span exposed to bending stress resistant span up to 16m or as standard tower element. FD34 using the 2mm wall thickness assures durability and strength.

Designed for high frequency usage or installations, which demands higher loading. Ideal trussing system for rental, touring and exhibition companies.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

## Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- FD34 is also available as a Tower Truss

## Specifications FD34

	Metric	Metric
Height:	290 mm	11.42 in
Width:	290 mm	11.42 in
Main Tube:	50 x 2 mm	1.97 x 0.08 in
Braces:	20 x 2 mm	0.79 x 0.08 in
Weight:	~6 kg/m	~4 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	





## FD34 Loading charts

### 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
<b>6</b>	254	35	761	28	565	35	380	33	317	35
<b>9</b>	110	78	494	63	370	80	247	74	206	78
<b>12</b>	59	139	356	114	267	142	178	133	149	141
<b>14</b>	42	190	296	157	222	194	148	182	123	192
<b>15</b>	36	219	271	181	203	223	135	210	113	221
<b>16</b>	31	250	249	208	187	254	124	239	104	251

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>19,69</b>	170,7	1.38	1674,2	1.10	1243,0	1.38	836,0	1.30	697,4	1.38
<b>29,53</b>	73,9	3.07	1086,8	2.48	814,0	3.15	543,4	2.91	453,2	3.07
<b>39,37</b>	39,6	5.47	783,2	4.49	587,4	5.59	391,6	5.24	327,8	5.55
<b>45,93</b>	28,2	7.48	651,2	6.18	488,4	7.64	325,6	7.17	270,6	7.56
<b>49,22</b>	24,2	8.62	596,2	7.13	446,6	8.78	297,0	8.27	248,6	8.70
<b>52,50</b>	20,8	9.84	547,8	8.19	411,4	10.00	272,8	9.41	228,8	9.88

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## HD34 Square Truss

HD34 with excellent load capacity on free spans of 18m (59 feet) or to be used as tower elements, HD34 is using the 3mm wall thickness in the maintube which assures durability and extra strength. Designed for high frequency usage or installations, which demands higher loading.

Ideal trussing system for rental, touring and exhibition companies.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Increased loading compared to FD34 (up to 50%)
- HD34 is also available as a Tower Truss

### Specifications HD34




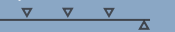

	<b>Metric</b>	<b>Imperial</b>
Height:	290 mm	11.42 in
Width:	290 mm	11.42 in
Main Tube:	50 x 3 mm	1.97 x 0.12 in
Braces:	20 x 2 mm	0.79 x 0.08 in
Weight:	~7,5 kg/m	5 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	







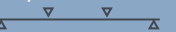


## HD34 Loading charts

### 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
<b>6</b>	373	35	1120	28	840	35	560	33	467	35
<b>9</b>	162	78	730	63	547	80	365	74	304	79
<b>12</b>	88	139	530	114	397	142	265	133	221	140
<b>14</b>	63	190	441	156	331	194	221	182	184	192
<b>16</b>	47	249	373	206	280	254	187	239	156	251
<b>18</b>	36	317	319	265	239	323	160	304	133	319

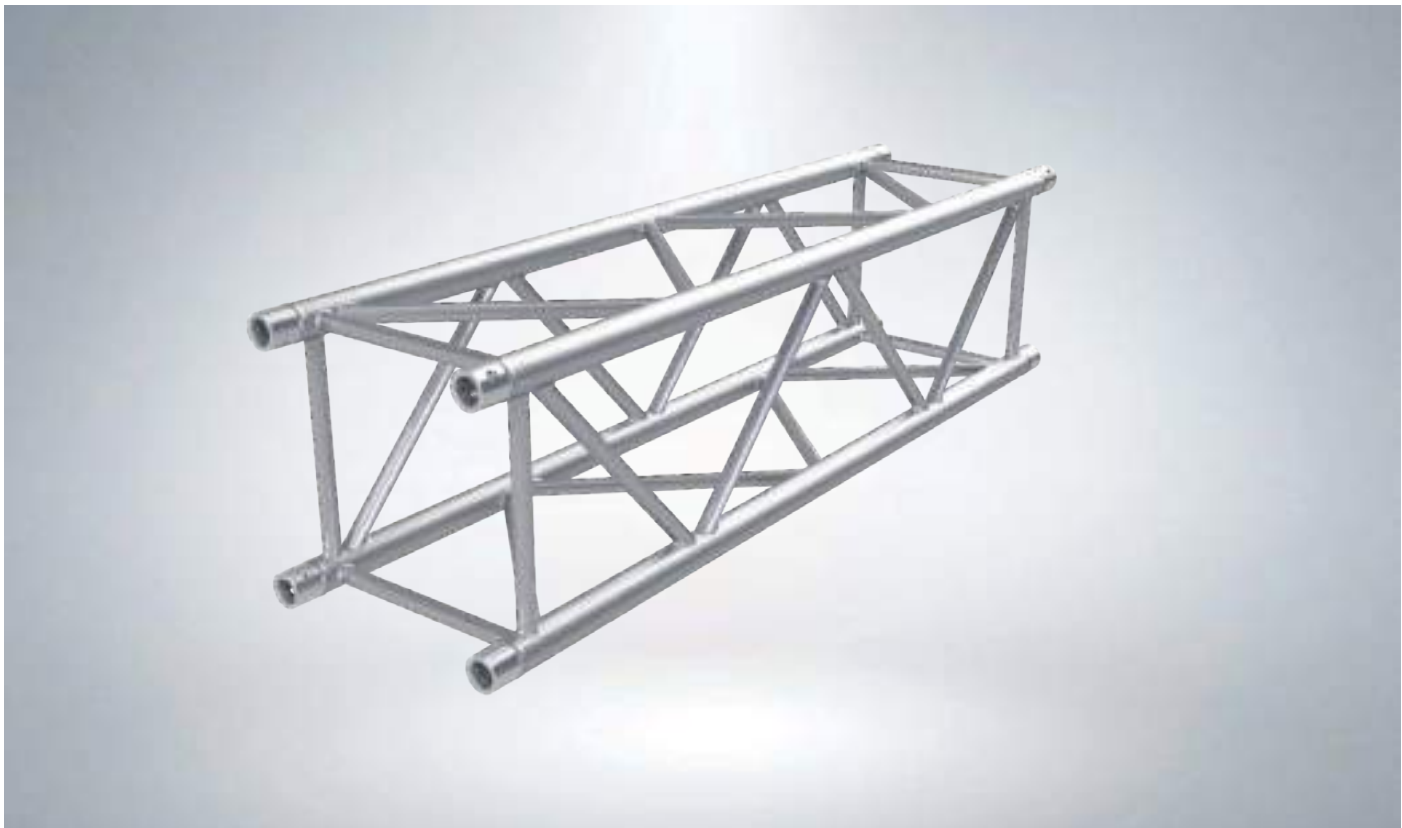
\* in meters / \*\* mm is the deflection of the truss at the given load

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>19,69</b>	250,6	1.38	2464,0	1.10	1848,0	1.38	1232,0	1.30	1027,4	1.38
<b>29,53</b>	108,9	3.07	1606,0	2.48	1203,4	3.15	803,0	2.91	668,8	3.11
<b>39,37</b>	59,1	5.47	1166,0	4.49	873,4	5.59	583,0	5.24	486,2	5.51
<b>45,93</b>	42,3	7.48	970,2	6.14	728,2	7.64	486,2	7.17	404,8	7.56
<b>52,50</b>	31,6	9.80	820,6	8.11	616,0	10.00	411,4	9.41	343,2	9.88
<b>59,06</b>	24,2	12.48	701,8	10.43	525,8	12.72	352,0	11.97	292,6	12.56

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## HD44 Square Truss

HD44 with excellent load capacity on free spans of 18m (59 feet) or to be used as tower elements with an extra welded climbing brace on one side (TD44). HD44 is using the 3mm wall thickness in the maintube which assures durability and extra strength. Designed for high frequency usage or installations, which demands higher loading.

Ideal trussing system for rental, touring and exhibition companies.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

**Note: The FD44 with 2mm wall thickness, is discontinued as standard stock product but still available on request.**

### Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Wall thickness of 3 mm for 50 mm main tubes
- HD44 is also available as a Tower Truss (TD44)

### Specifications HD44

	<b>Metric</b>	<b>Metric</b>
Height:	400 mm	15.75 in
Width:	400 mm	15.75 in
Main Tube:	50 x 3 mm	1.97 x 0.12 in
Braces:	25 x 2 mm	0.98 x 0.08 in
Weight:	~9,5 kg/m	~6,4 lbs/ft
Pin Position:	Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS1 - CON	





## HD44 Loading charts

### 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
6	459	20	1625	19	1071	21	821	23	684	24
9	239	54	1075	44	807	55	538	51	448	55
12	131	96	787	78	590	98	394	92	328	97
14	94	131	661	107	496	134	330	125	275	132
16	71	172	564	141	423	176	282	164	235	173
18	54	218	488	181	366	223	244	209	203	220

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	▼▼▼▼▼▼▼▼▼▼▼▼▼▼▼▼		▲▼▲		▲▼▼▼▲		▲▼▼▼▼▲		▲▼▼▼▼▼▲	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
19,69	308,4	0.79	3575,0	0.75	2356,2	0.83	1806,2	0.91	1504,8	0.94
29,53	160,6	2.13	2365,0	1.73	1775,4	2.17	1183,6	2.01	985,6	2.17
39,37	88,0	3.78	1731,4	3.07	1298,0	3.86	866,8	3.62	721,6	3.82
45,93	63,2	5.16	1454,2	4.21	1091,2	5.28	726,0	4.92	605,0	5.20
52,50	47,7	6.77	1240,8	5.55	930,6	6.93	620,4	6.46	517,0	6.81
59,06	36,3	8.58	1073,6	7.13	805,2	8.78	536,8	8.23	446,6	8.66

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



# Heavy Truss

The Heavy Truss series are the perfect designed truss series to make long spans with a high load bearing capacity. For indoor rig and spans the XD and FT50 truss are by far the best solution available in the truss market and for in- and outdoor use the ST Truss offers all benefits of a massive load capacity and perfect design allowing to be used in Ground Supports and the main used Roof Systems.

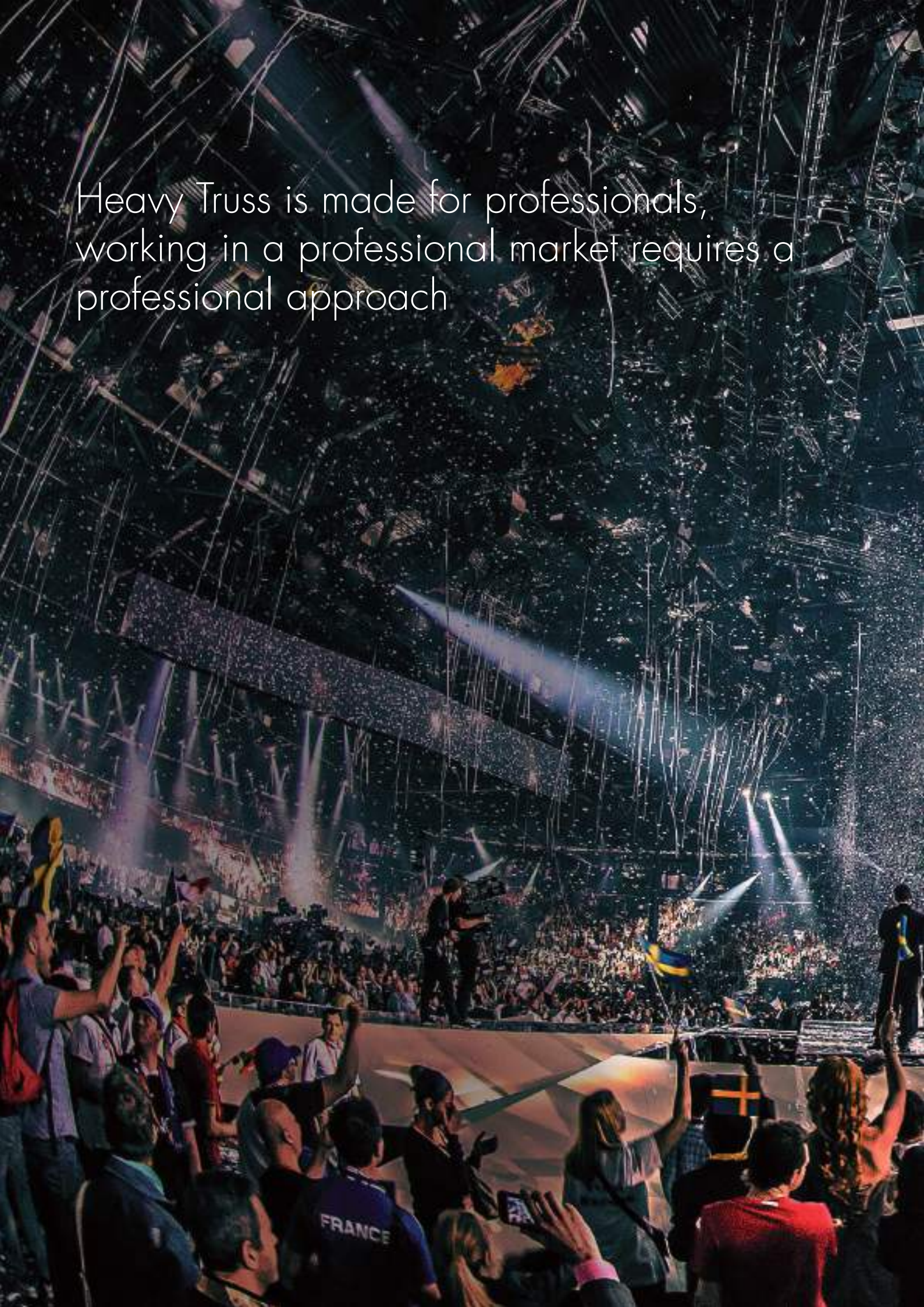
**Heavy Truss offering multiple solutions if long spans and high load is required!**







Heavy Truss is made for professionals,  
working in a professional market requires a  
professional approach











## XD Rectangular Truss

XD straight elements lend themselves to use as span exposed to bending stress resistant spans for vertical loads at a free span of up to 20m (66 feet) at high load.

Predestined for indoor use, the XD Truss is characterized in particular by its slender shape and low packing volume.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

**Note: The XD Truss System is standard equipped with diagonal pin positions but also available is a horizontal pin position.**

**(Add Code H for horizontal pin: like XD-300H).**

### Facts

- Tolerance free connection with conical connector
- High stability aluminium alloy
- Excellent load-bearing capacity combined with low dead weight
- 3 mm wall thickness of 50 mm main tube
- High load capacity at free spans up to 20 m.
- TÜV approved
- High wear resistance

### Specifications XD Rectangular






	Metric	Imperial
Height:	400 mm	15.75 in
Width:	290 mm	11.42 in
Main Tube:	50 x 3 mm	1.97 x 0.12 in
Braces:	25 x 3 mm	0.98 x 0.12 in
Weight:	~9 kg/m	~6 lbs/ft
Pin Position:	Horizontal or Diagonal	
Material:	EN AW-6082 T6	
Connection:	CS2-CON	










## XD Loading charts

### 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
<b>4</b>	983	9	2157	7	1767	10	1240	18	983	10
<b>8</b>	304	43	1216	34	885	42	608	50	507	43
<b>12</b>	131	96	785	78	589	98	392	98	327	97
<b>16</b>	70	172	561	142	421	176	281	163	234	173
<b>18</b>	54	219	484	181	363	223	242	246	202	220
<b>20</b>	42	271	421	226	316	276	211	294	175	273

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>13,12</b>	660,5	0.35	4745,4	0.28	3887,4	0.39	2728,0	0.71	2162,6	0.39
<b>26,25</b>	204,3	1.69	2675,2	1.34	1947,0	1.65	1337,6	1.97	1115,4	1.69
<b>39,37</b>	88,0	3.78	1727,0	3.07	1295,8	3.86	862,4	3.86	719,4	3.82
<b>52,50</b>	47,0	6.77	1234,2	5.59	926,2	6.93	618,2	6.42	514,8	6.81
<b>59,06</b>	36,3	8.62	1064,8	7.13	798,6	8.78	532,4	9.69	444,4	8.66
<b>65,62</b>	28,2	10.67	926,2	8.90	695,2	10.87	464,2	11.57	385,0	10.75

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## FT50 Folding Truss

Saving space – unique fold flat capacity, the FT50 Folding Truss is the perfect solution for touring events. Used extensively for heavy loading and easily compatible with 44-er (2t) Ground Support Towers. In large rig structures fixed (non-foldable) corners are available.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- Tolerance free connection with conical connector
- High Stability aluminium alloy
- Excellent load-bearing capacity combined with low dead weight
- 4mm wall thickness of 50mm main tube
- Saving stock and trucking space
- High wear resistance

### Specifications FT50 Folding Truss






	<b>Metric</b>	<b>Imperial</b>
Height:	531 mm	20.91 in
Width:	580 mm	22.83 in
Main Tube:	50 x 4 mm	1.97 x 0.16 in
Braces:	25 x 3 mm	0.98 x 0.12 in
Weight:	~13,5 kg/m	~9,1 lbs/ft
Pin Position:	Horizontal & Vertical	
Material:	EN AW-6082 T6	
Connection:	CS3-CON	










# FT50 Loading charts

## 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
6	1901	0	3459	1	1900	1	1267	1	950	1
10	944	4	2794	4	1624	4	1145	4	897	4
14	466	28	1927	23	1221	25	932	27	758	27
18	231	72	1387	58	957	68	693	69	578	72
22	125	128	997	105	747	131	498	123	415	129
24	75	202	753	168	565	205	376	193	314	203

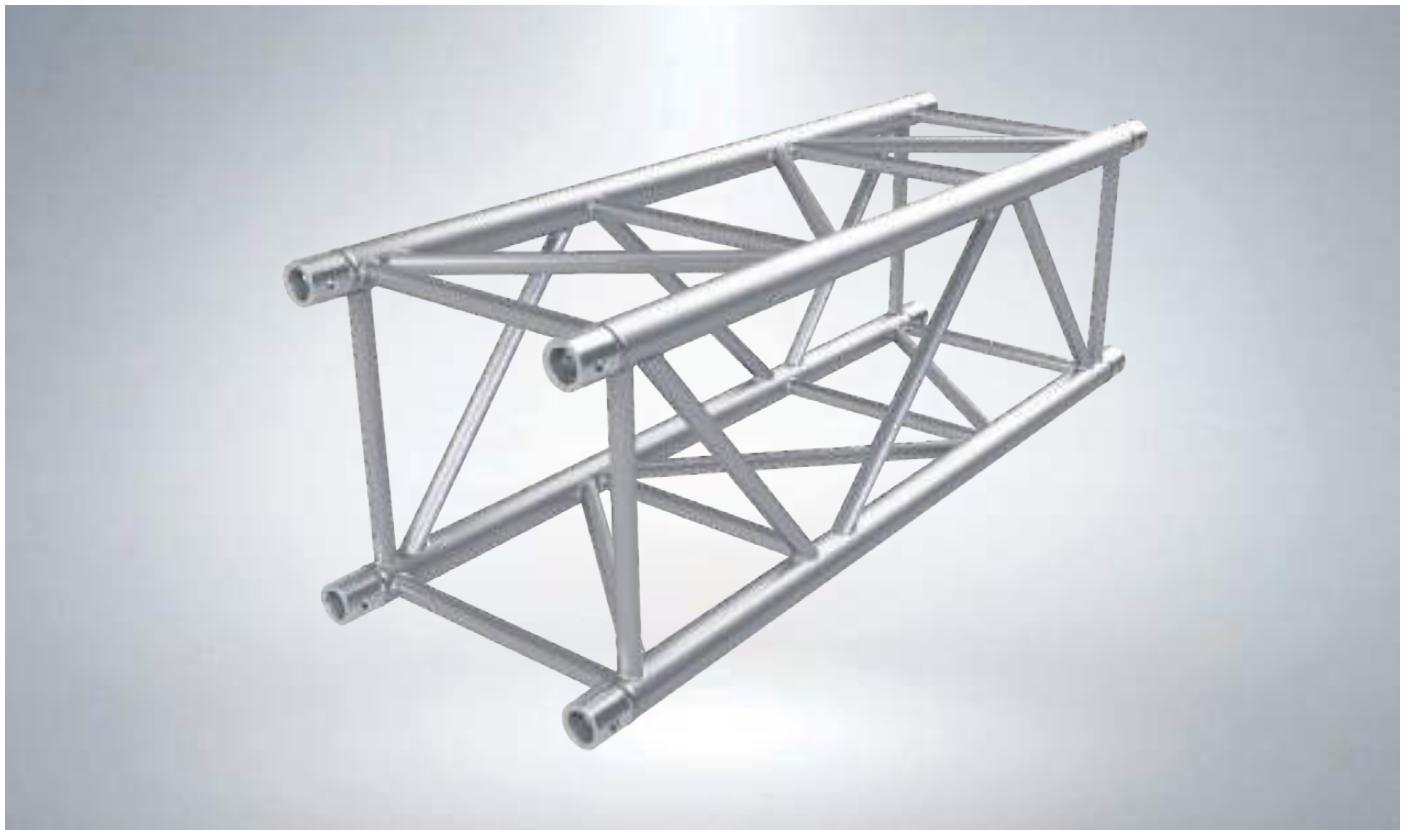
\* in meters / \*\* mm is the deflection of the truss at the given load

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
19,69	1277,4	0.00	7609,8	0.04	4180,0	2.2	2787,4	0.04	2090,0	0.04
32,81	634,3	0.16	6146,8	0.16	3572,8	8.8	2519,0	0.16	1973,4	0.16
45,93	313,1	1.10	4239,4	0.91	2686,2	55.0	2050,4	1.06	1667,6	1.06
59,06	155,2	2.83	3051,4	2.28	2105,4	149.6	1524,6	2.72	1271,6	2.83
72,18	84,0	5.04	2193,4	4.13	1643,4	288.2	1095,6	4.84	913,0	5.08
78,74	50,4	7.95	1656,6	6.61	1243,0	451.0	827,2	7.60	690,8	7.99

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## ST Square Truss

The ST System meets the demand for a truss with a high load bearing capacity that lends itself to safe outdoor use, even at a free span of up to 24m (79 feet) at high load.

Due to the square profile geometry and the complete diagonal bracing, the ST Truss exhibits the same rigidity in vertical and horizontal directions and can thus be used as support for huge spans in Rock and Roll Productions as well as Pre Rig and is the basic main truss in the majority of the Eurotruss Roof Systems.

The 4mm wall thickness reduces transportation damage and guarantees extreme durability.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- Tolerance free connection with conical connector
- High Stability aluminium alloy
- Excellent load-bearing capacity combined with low dead weight
- 4mm wall thickness of 50mm main tube
- The main grid truss in Roof Systems combined with TD35 Tower
- TÜV approved
- High wear resistance

### Specifications ST Rectangular



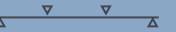


	<b>Metric</b>	<b>Imperial</b>
Height:	510 mm	20.08 in
Width:	510 mm	20.08 in
Main Tube:	50 x 4 mm	1.97 x 0.16 in
Braces:	30 x 3 mm	1.18 x 0.12 in
Weight:	~13,5 kg/m	~9,1 lbs/ft
Pin Position:	Horizontal	
Material:	EN AW-6082 T6	
Connection:	CS3-CON	







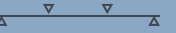


# ST Loading charts

## 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
<b>6</b>	848	17	2396	13	1983	18	1377	18	1147	19
<b>10</b>	323	52	1613	42	1101	49	807	50	672	53
<b>14</b>	159	103	1110	84	833	105	555	98	463	103
<b>18</b>	91	171	817	141	615	174	410	163	342	172
<b>22</b>	57	256	626	215	469	261	313	246	261	258
<b>24</b>	46	306	550	259	413	311	275	294	229	308

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>19,69</b>	569,8	0.67	5271,2	0.51	4362,6	39.6	3029,4	0.71	2523,4	0.75
<b>32,81</b>	217,0	2.05	3548,6	1.65	2422,2	107.8	1775,4	1.97	1478,4	2.09
<b>45,93</b>	106,8	4.06	2442,0	3.31	1832,6	231.0	1221,0	3.86	1018,6	4.06
<b>59,06</b>	61,1	6.73	1797,4	5.55	1353,0	382.8	902,0	6.42	752,4	6.77
<b>72,18</b>	38,3	10.08	1377,2	8.46	1031,8	574.2	688,6	9.69	574,2	10.16
<b>78,74</b>	30,9	12.05	1210,0	10.20	908,6	684.2	605,0	11.57	503,8	12.13

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



The background image shows a large crowd of people at a concert or event. Above the crowd is a massive, intricate metal truss structure that supports a complex array of stage lights. Bright beams of light are visible, cutting through the air. The image is split diagonally: the top right portion shows the actual scene with warm lighting, while the bottom left portion is a solid blue overlay containing the text.

# Pre Rig Truss

The Pre Rig Truss serie holds our biggest trusses. Truss Series designed for serious loads on long free spans up to 60m (197 feet). Their rectangular shape the TT, TTU and TTS exhibits an enormous rigidity and are also to be used in high demanding Ground Supports and our massive Roof Systems.

Eurotruss Pre Rig Truss is the top of its line as of its well designed balance of high grade aluminium alloy, well engineered dimensions and a perfect welding procedure using laser-cut technology to guarantee no loss of strength.

**When the going gets tough, the Pre Rig Truss is what you need!**





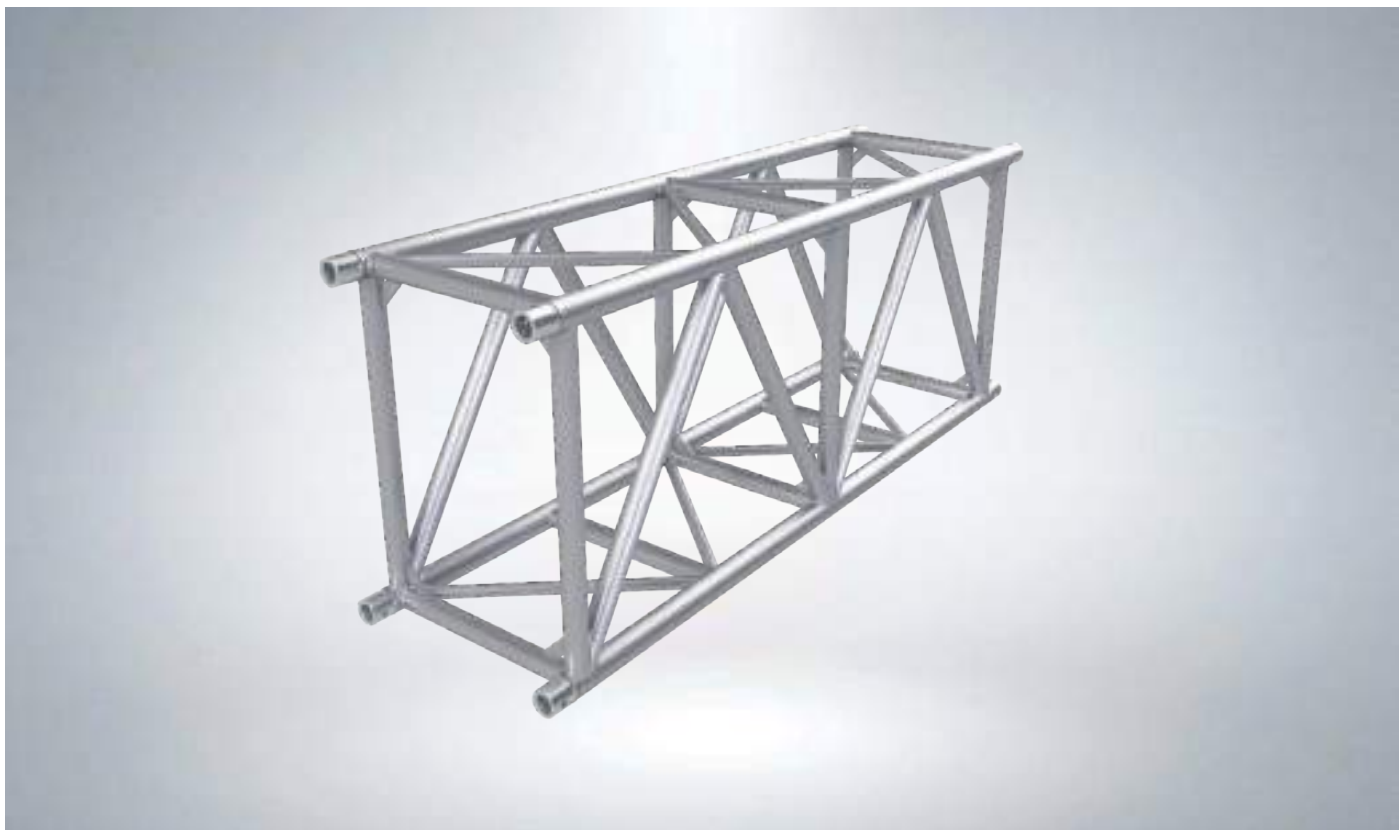




Huge spans & massive loads;  
four types of trussing in mammoth sizes  
which get the job done!







# XTS Rectangular Truss

The XTS Truss lends itself perfectly for bending resistant spans up to a free span of 36m (118 feet). With extreme load bearing capacity the XTS has the identical features of the TT truss but the overall size is scaled down.

Due to its special shape and dimensions the new XTS Truss exhibits a great rigidity and can be used for long spans with high loadings. The 60x5mm tube reduces transportation damage and guarantees extreme durability. XTS gives you a much higher load ability than all the available trussing in this size & segment.

The XTS Truss is despite its dimensions and self weight a very easy truss system to handle. The XTS Truss can be equipped optional with the heavy duty castors.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

Facts		
<ul style="list-style-type: none"> <li>• Tolerance free conical connector system</li> <li>• High stability aluminium alloy</li> <li>• Excellent load bearing capacity</li> <li>• Low dead weight</li> <li>• High wear resistance</li> <li>• 5 mm wall thickness of 60 mm main tube</li> <li>• TÜV pending</li> </ul>		
Specifications XTS Rectangular		
	Metric	Imperial
Height:	810 mm	31.89 in
Width:	580 mm	22.83 in
Main Tube:	60 x 5 mm	2.36 x 0.20 in
Braces:	50 x 3 mm	1.97 x 0.12 in
Braces:	30 x 3 mm	1.18 x 0.12 in
Weight:	~23 kg/m	~15,5 lbs/ft
Pin Position:	Horizontal and vertical	
Material:	EN AW-6082 T6	
Connection:	CS3 - CON	





# XTS Loading charts

## 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
10	813	31	4063	25	3047	32	2031	30	1693	32
16	304	81	2434	66	1825	82	1217	77	1014	81
22	151	153	1658	127	1243	156	829	147	691	154
26	108	215	1323	181	992	219	661	207	551	217
32	60	329	957	282	718	335	479	318	399	331
36	43	420	769	366	577	426	384	407	320	422

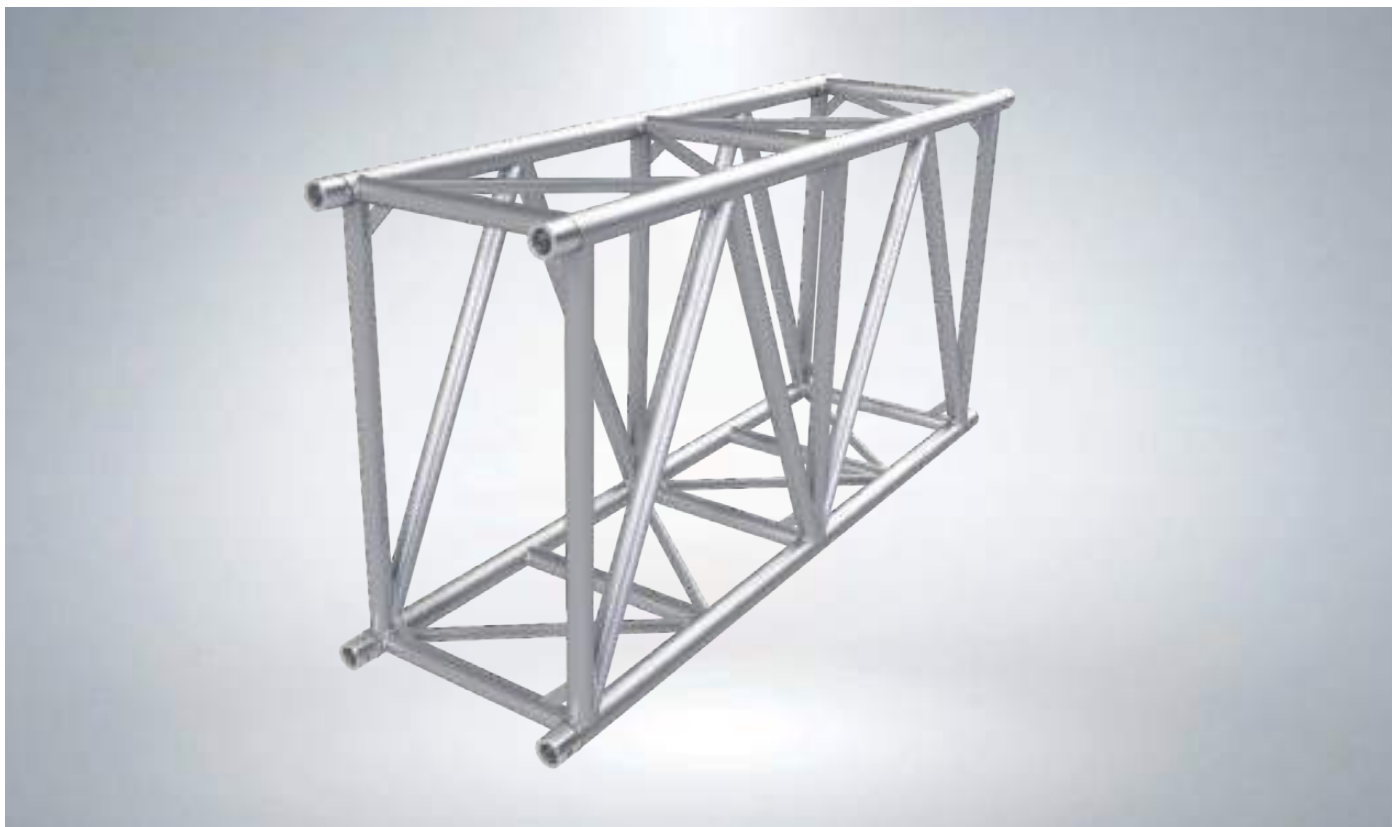
\* in meters / \*\* mm is the deflection of the truss at the given load

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
32,81	546,3	1.22	8938,6	0.98	6703,4	70.4	4468,2	1.18	3724,6	1.26
52,50	204,3	3.19	5354,8	2.60	4015,0	180.4	2677,4	3.03	2230,8	3.19
72,18	101,5	6.02	3647,6	5.00	2734,6	343.2	1823,8	5.79	1520,2	6.06
85,31	72,6	8.46	2910,6	7.13	2182,4	481.8	1454,2	8.15	1212,2	8.54
104,99	40,3	12.95	2105,4	11.10	1579,6	737.0	1053,8	12.52	877,8	13.03
118,12	28,9	16.54	1691,8	14.41	1269,4	937.2	844,8	16.02	704,0	16.61

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## TT Rectangular Truss

The TT Rectangular truss is the perfect designed Pre Rig Truss for spans up to 44m (144 feet). The TT Truss lends itself to use as bending resistance spans at a free span of 44m (144 feet) with extreme load bearing capacity. Due to its special shape and dimensions the TT Truss exhibits a great rigidity and can thus be used for long spans with high loadings and is the main rig truss for the big roof systems like Pitch Roof (PR10), Arc Roof (AR30) and Saddle Roof (SR50).

The TT Truss is despite its dimensions and self weight a very easy truss system to handle. The TT Truss can be equipped optional with blue castor wheel sets.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- Tolerance free conical connector system
- High stability aluminium alloy
- Excellent load bearing capacity
- Low dead weight
- High wear resistance
- TÜV approved
- 5 mm wall thickness of 60 mm main tube

### Specifications TT Rectangular

	<b>Metric</b>	<b>Imperial</b>
Height:	1010 mm	39.76 in
Width:	580 mm	22.83 in
Main Tube:	60 x 5 mm	2.36 x 0.20 in
Braces:	50 x 3 mm	1.97 x 0.12 in
Braces:	30 x 3 mm	1.18 x 0.12 in
Weight:	~25 kg/m	~16,8 lbs/ft
Pin Position:	Horizontal and vertical	
Material:	EN AW-6082 T6	
Connection:	CS3 - CON	





# TT Loading charts

## 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
<b>8</b>	1571	15	6512	13	4884	16	3256	15	2713	16
<b>16</b>	390	64	3118	52	2339	65	1559	61	1299	64
<b>24</b>	161	144	1926	119	1445	147	963	138	803	145
<b>32</b>	80	259	1284	220	963	263	642	249	535	261
<b>38</b>	50	369	955	320	716	374	477	357	398	371
<b>44</b>	32	500	696	445	522	506	348	486	290	503

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>26,25</b>	1055,7	0.59	14326,4	0.51	10744,8	35.2	7163,2	0.59	5968,6	0.63
<b>52,50</b>	262,1	2.52	6859,6	2.05	5145,8	143.0	3429,8	2.40	2857,8	2.52
<b>78,74</b>	108,2	5.67	4237,2	4.69	3179,0	323.4	2118,6	5.43	1766,6	5.71
<b>104,99</b>	53,8	10.20	2824,8	8.66	2118,6	578.6	1412,4	9.80	1177,0	10.28
<b>124,68</b>	33,6	14.53	2101,0	12.60	1575,2	822.8	1049,4	14.06	875,6	14.61
<b>144,36</b>	21,5	19.69	1531,2	17.52	1148,4	1113.2	765,6	19.13	638,0	19.80

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## TTU Rectangular Truss

The TTU is the stronger version of the TT pre rig truss by upgrading the main tube from 60mm to 80mm (from 2,36 inch upgrade to 3,15 inch and power up the connector but maintain the same design, the same Centre to Centre dimensions which allows you to have the possibility to use TTU in combination with the standard TT and the standard TT Sleeve Blocks, Tower Parts and standard Corners. The outside dimensions are slightly bigger due to the increased main tube and the self weight grows with 5kg per meter (3,35 lbs per ft) up to a reasonable 30kg per meter (20 lbs per ft).

The attractive feature is that with the TTU we developed a stronger pre rig with an enormous higher load bearing capacity which increased with 35%-40% compared to the standard TT.

The result shows that the TTU is just more than an upgraded TT, it is an amazing Pre Rig Truss to line up with the TT Range in Truss, Towers and Roofs. The TTU is standard equipped with grey castor wheel sets.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- Tolerance free conical connector system
- High stability aluminium alloy
- Excellent load bearing capacity
- Low dead weight
- High wear resistance
- TÜV approved
- 5 mm wall thickness of 80 mm main tube

### Specifications TTU Rectangular

	<b>Metric</b>	<b>Imperial</b>
Height:	1030 mm	40.55 in
Width:	600 mm	23.62 in
Main Tube:	80 x 5 mm	3.15 x 0.20 in
Braces:	50 x 3 mm	1.97 x 0.12 in
Braces:	30 x 3 mm	1.18 x 0.12 in
Weight:	~30kg/m	~20,2lbs/ft
Pin Position:	Top Vertical and bottom Horizontal	
Material:	EN AW-6082 T6	
Connection:	CS4-CON	





## TTU Loading charts

### 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
16	535	64	4282	51	3212	65	2141	60	1784	64
20	333	99	3327	81	2495	102	1663	95	1386	100
24	223	144	2672	119	2004	147	1336	137	1113	148
28	156	197	2188	164	1641	200	1094	188	912	198
32	113	258	1811	217	1358	262	906	248	755	260
36	84	328	1506	280	1129	334	753	316	627	330

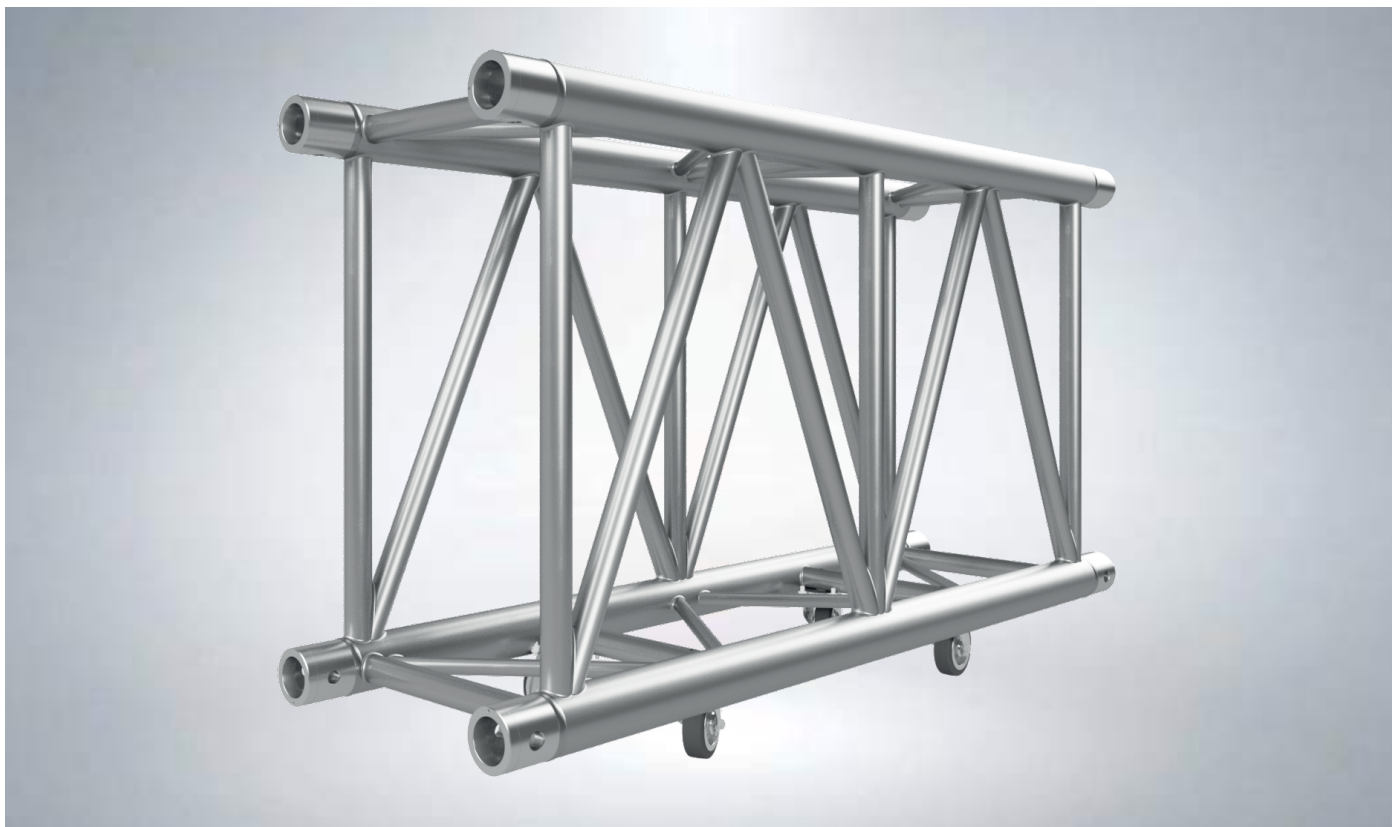
\* in meters / \*\* mm is the deflection of the truss at the given load

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
52,50	359,5	2.52	9420,4	2.01	7066,4	143.0	4710,2	2.36	3924,8	2.52
65,62	223,8	3.90	7319,4	3.19	5489,0	224.4	3658,6	3.74	3049,2	3.94
78,74	149,8	5.67	5878,4	4.69	4408,8	323.4	2939,2	5.39	2448,6	5.83
91,87	104,8	7.76	4813,6	6.46	3610,2	440.0	2406,8	7.40	2006,4	7.80
104,99	75,9	10.16	3984,2	8.54	2987,6	576.4	1993,2	9.76	1661,0	10.24
118,12	56,4	12.91	3313,2	11.02	2483,8	734.8	1656,6	12.44	1379,4	12.99

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## TTS Rectangular Truss

The TTS is the stronger version of the TT pre rig truss by upgrading the main tube from 60mm to 100mm (from 2,36 inch upgrade to 3,94 inch and power up the connector but maintain the same design, the same Centre to Centre dimensions which allows you to have the possibility to use TTS in combination with the TT & TTU and the standard TT Sleeve Blocks, Tower Parts and standard Corners.

The outside dimensions are slightly bigger due to the increased main tube and the self weight grows with 10kg per meter (6,7 lbs per ft) up to a reasonable 35kg per meter (23,5 lbs per ft).

The attractive feature is that with the TTS we developed a stronger pre rig with an enormous higher load bearing capacity which increased with 75% compared to the standard TT. The TTS is standard equipped with grey castor wheel sets.

The result shows that the TTS is just more than an upgraded TT, it is a superb Pre Rig Truss to line up with the TT Range in Truss, Towers and Roofs and is the main rig truss for the highly praised Pitch Roof PR15.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

### Facts

- Tolerance free conical connector system
- High stability aluminium alloy
- Excellent load bearing capacity
- Low dead weight
- High wear resistance
- TÜV approved
- 5 mm wall thickness of 100 mm main tube

### Specifications TTS Rectangular

	<b>Metric</b>	<b>Imperial</b>
Height:	1050 mm	41.34 in
Width:	620 mm	24.41 in
Main Tube:	100 x 5 mm	3.94 x 0.20 in
Braces:	50 x 3 mm	1.97 x 0.12 in
Braces:	30 x 3 mm	
Weight:	~35kg/m	~23,5lbs/ft
Pin Position:	Top Vertical and bottom Horizontal	
Material:	EN AW-6082 T6	
Connection:	CS5-CON	





# TTS Loading charts

## 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
12	957	28	7412	29	5559	36	3706	34	2870	33
18	531	80	4781	65	3586	82	2390	77	1992	81
24	285	143	3417	118	2563	146	1708	137	1424	144
30	171	225	2560	188	1920	230	1280	216	1067	226
36	109	327	1957	278	1468	332	978	315	815	329
42	71	449	1498	389	1124	456	749	434	624	451

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	▽▽▽▽▽▽▽▽▽▽▽▽▽▽▽▽		△▽△		△▽▽▽△		△▽▽▽▽△		△▽▽▽▽▽△	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
39,37	643,1	1.10	16306,4	1.14	12229,8	79.2	8153,2	1.34	6314,0	1.30
59,06	356,8	3.15	10518,2	2.56	7889,2	180.4	5258,0	3.03	4382,4	3.19
78,74	191,5	5.63	7517,4	4.65	5638,6	321.2	3757,6	5.39	3132,8	5.67
98,43	114,9	8.86	5632,0	7.40	4224,0	506.0	2816,0	8.50	2347,4	8.90
118,12	73,2	12.87	4305,4	10.94	3229,6	730.4	2151,6	12.40	1793,0	12.95
137,80	47,7	17.68	3295,6	15.31	2472,8	1003.2	1647,8	17.09	1372,8	17.76

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.

The background image shows a concert stage with complex lighting rigs and spotlights. A large, dense crowd of people is visible in the foreground, many with their arms raised. A prominent blue diagonal overlay covers the left and bottom portions of the image, creating a modern, technical aesthetic.

# Touring Truss

The Touring Truss is designed, engineered and developed to carry, install and pre rig light fixtures in a fraction of the normal time with standard trussing used on a tour. Eurotruss carries two types of Touring Truss, the PRT and the CWT Truss. The CWT also has as extra feature that it can be converted into a Catwalk Truss. Both are designed as a multi versatile heavy load truss. The PRT is a versatile truss structure to carry moving heads which saves you space and money. The CWT is the most innovative and versatile structure of the last decade which can be used as a catwalk truss but also a pre rig truss in vertical and horizontal direction.

**Touring Truss, a Pure Rigger's Delight!**













Speed is the key when it comes to touring,  
discover the new truss generation for touring!



## PRT Pre Rig Truss

PRT Truss is a versatile truss structure to carry moving heads permanently. No more flight cases and truss separate in your storage nor in your truck. It saves not only space but also guarantees less set up time and saves labor cost. It is the ultimate stackable space and cost saver for touring.

The Pre Rig Truss has a cool feature and that is the counter positioning nut at the fork connector enabling you a perfect fitting and angling it for corners etc.

The truss has fixed cross bracing in the sides and on the top side straight braces and a linear tube for centric positioning of the lights. The truss can be stacked with or without the dolly. The stackable dollies are adjustable in height by using telescopic legs and enables one person to do the stacking, tipping and inserting the legs. Eurotruss developed an unique and ultimate dolly allowing you to work fast, safe and with less people. Also the dolly is rigid so no more tipping over truss destroying your expensive and precious light fixtures. There is no point investing in pre rig truss if the dolly is not designed to do the job.

The ultimate Pre Rig Truss for Professionals on a Tour!

Approved according the DIN EN 1999-1-1 & 1999-1-1/ A2 (Eurocode 9).

### Facts

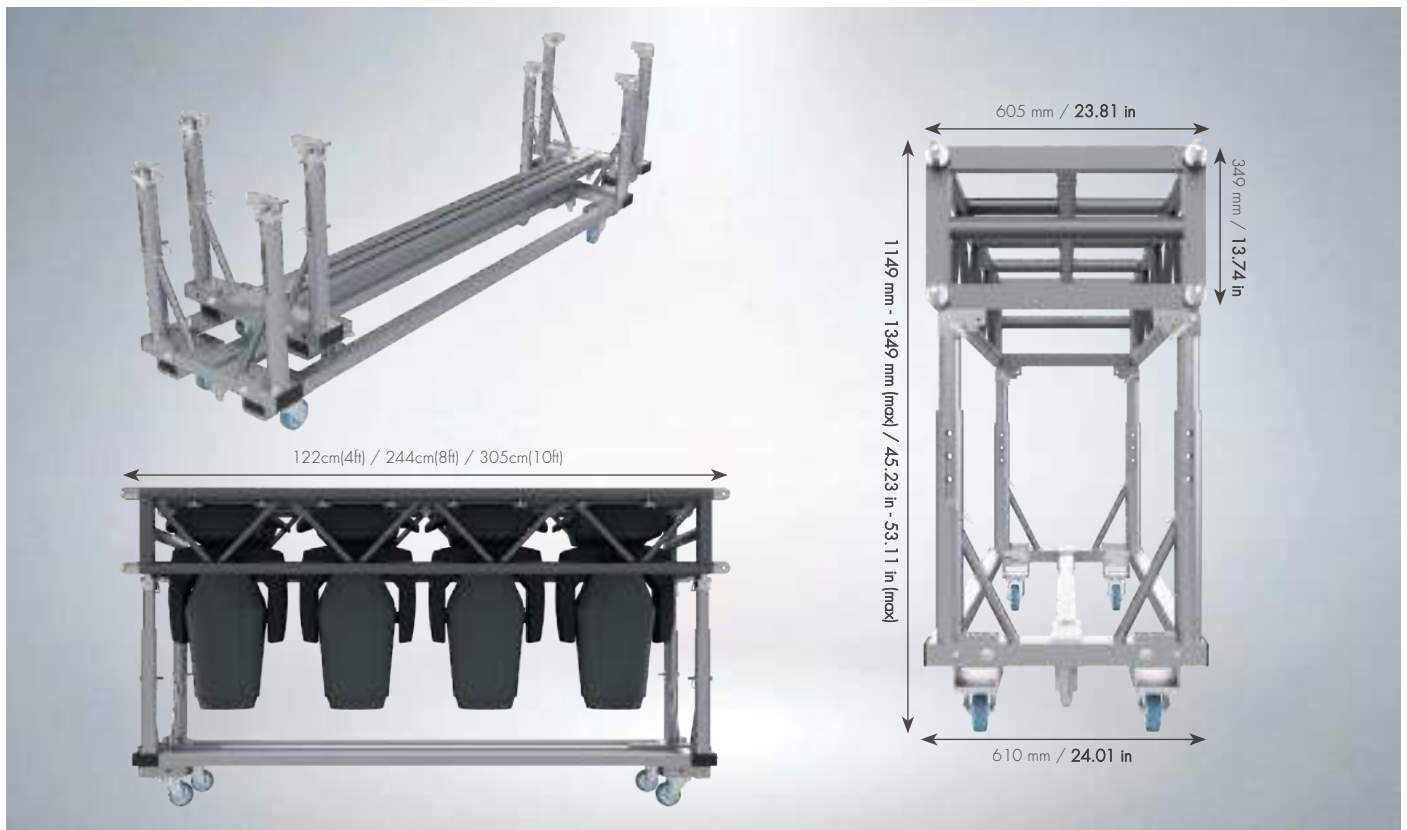
- Touring truss for pre-adjusting Moving Lights
- Movable and stackable
- Saving trucking volume, time and labor cost
- Gentle fork connection
- Dollies have telescopic legs
- Two types of dollies available: stackable and folding
- TÜV approved

### Specifications PRT Pre Rig Truss

PRT Truss section	Metric	Imperial
Height:	349 mm	13.74 in
Width:	605 mm	23.81 in
Main Tube:	50 x 4 mm	1.97 x 0.16 in
Braces:	25 x 3 mm - 50x3 mm	0.98 x 0.12 in
Material:	EN AW-6082 T6	
Square braces:	50 x 50 x 3mm	1.97 x 1.97 x 0.12 in
Material:	EN AW-6060	
Weight:	~25 kg/m	16,8 lbs/ft
Connection:	Male/female forkends	
Dollie	Metric	Imperial
Height:	750 mm - 950 mm (max)	29.53 in - 37.40 in (max)
Width:	610 mm	24.01 in
PRT complete	Metric	Imperial
Height:	1149 mm - 1349 mm (max)	45.23 in - 53.11 in (max)
Width:	610 mm	24.01 in

*Forkends are mounted with screwthread in the maintubes and can be adjusted and turned for vertical and horizontal use.*





## PRT Loading charts

### 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
<b>2</b>	1963	3	3086	3	2395	3	1597	3	1198	3
<b>6</b>	581	29	1682	22	1142	26	885	28	738	29
<b>10</b>	216	75	1055	61	783	75	527	71	440	75
<b>12</b>	132	117	806	97	604	119	403	112	336	118
<b>15</b>	86	170	632	142	474	173	316	163	264	171
<b>18</b>	49	268	449	229	336	272	224	258	187	269

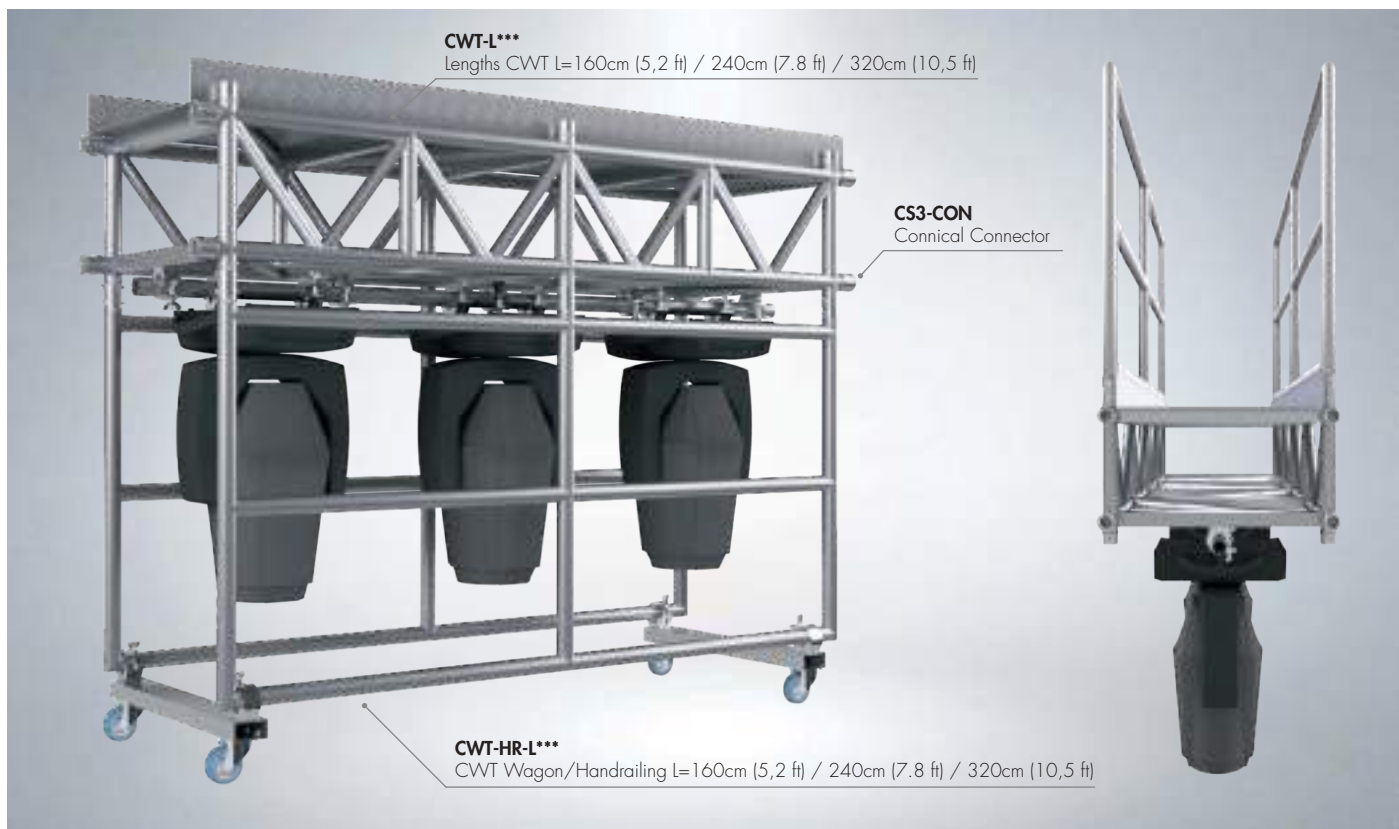
\* in meters / \*\* mm is the deflection of the truss at the given load

### Imperial loading charts

Span*	UDL ▼▼▼▼▼▼▼▼▼▼▼▼▼▼▼▼		CPL ▲ ▼ ▲		1/3 Point Load ▲ ▼ ▼ ▼ ▲		1/4 Point Load ▲ ▼ ▼ ▼ ▼ ▲		1/5 Point Load ▲ ▼ ▼ ▼ ▼ ▼ ▲	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>6,56</b>	1319,1	0.12	6789,2	0.12	5269,0	6.6	3513,4	0.12	2635,6	0.12
<b>19,69</b>	390,4	1.14	3700,4	0.87	2512,4	57.2	1947,0	1.10	1623,6	1.14
<b>32,81</b>	145,1	2.95	2321,0	2.40	1722,6	165.0	1159,4	2.80	968,0	2.95
<b>39,37</b>	88,7	4.61	1773,2	3.82	1328,8	261.8	886,6	4.41	739,2	4.65
<b>49,22</b>	57,8	6.69	1390,4	5.59	1042,8	380.6	695,2	6.42	580,8	6.73
<b>59,06</b>	32,9	10.55	987,8	9.02	739,2	598.4	492,8	10.16	411,4	10.59

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## CWT Catwalk Truss

Originally designed as a Catwalk Truss but redesigned to a multi versatile heavy load catwalk truss.

CWT Truss is the most innovative and versatile structure which can be used as a catwalk truss with aluminium inlay and as two functions as the truss can be used in flat and/or upright position. By using the special combo connection you have a connical spigot with on the contraside a gable connector. The gable connector is turnable so it can be used horizontally and vertically (to make round shapes).

The truss can be ordered with a wagon (dolly wagon) which can be placed on top or under the truss.

The truss is integrated with fixed welded receivers in order to fix the wagon on top (rigging position) or under the truss (in dolly position). If the wagon is placed under the truss you can leave your lighting fixtures attached and store or transport the Catwalk truss as it is turned into an integrated dolly. The CWT Truss is equipped with square tubes on the bottom side and carries various holes to attach and fix couplers for the lighting fixtures.

The innovative CWT Truss has proven to be a pure riggers delight!

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

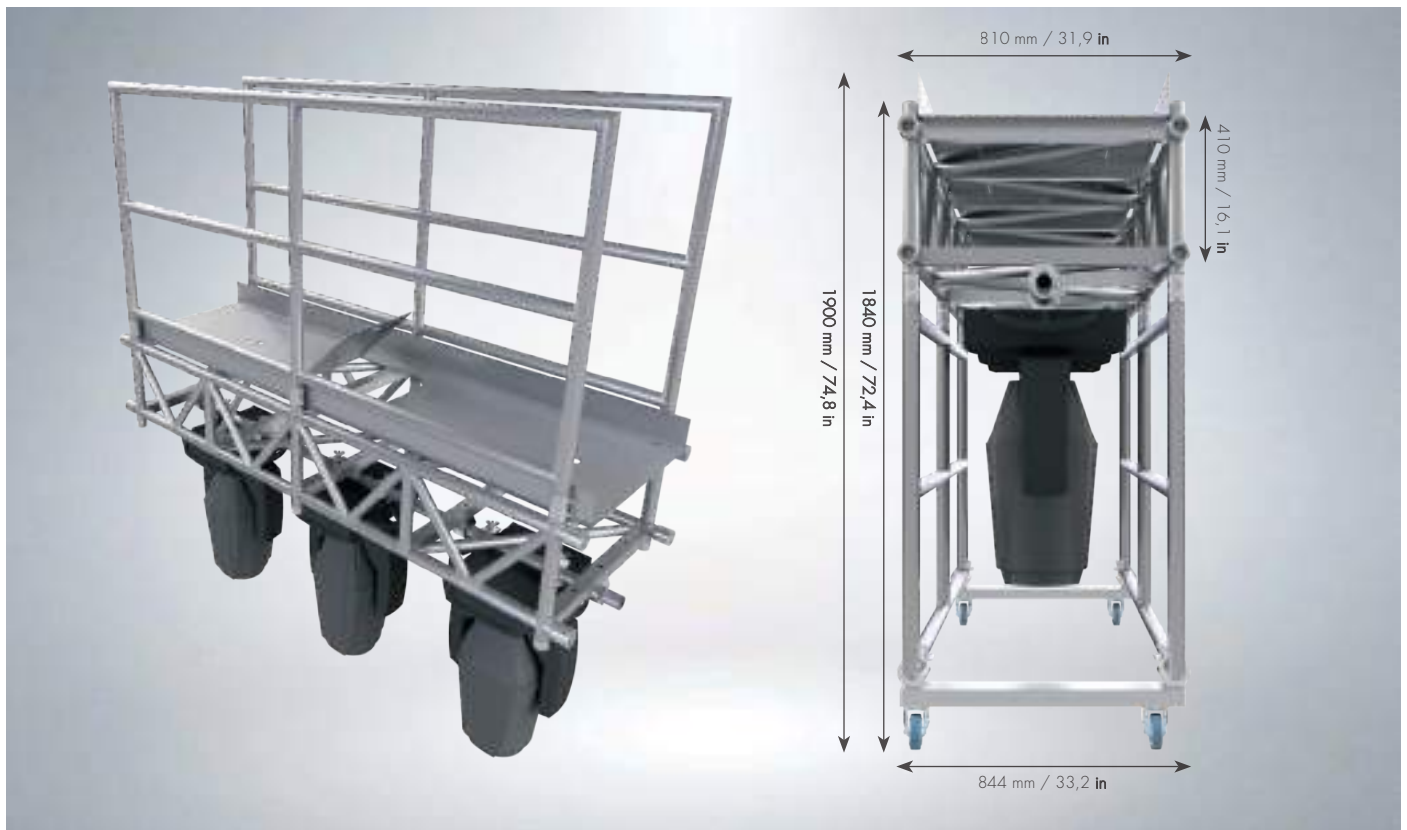
### Facts

- One solution for three applications
- Functional design and easy assembly
- Saving trucking volume
- Hinges for various hanging
- High wear resistance
- TÜV approved
- 4mm wall thickness of main tubes

### Specifications CWT Catwalk truss

CWT Truss section	Metric	Imperial
High inside:	350 mm	13.78 in
Width inside:	750 mm	29.53 in
High outside:	400 mm	15.75 in
Width outside:	800 mm	31.50 in
Main Tube:	50 x 4 mm	1.97 x 0.16 in
Braces:	40 (30) x 3 mm	1.57 (1.18) x 0.12 in
Material:	EN AW-6082 T6	
Square braces:	50 x 50 x 4 mm	1.97 x 1.97 x 0.16 in
Material:	EN AW-6060	
Weight excl. catwalk:	21,6 kg	47.6 in
Weight incl. catwalk:	40,1 kg	88.4 in
Connection:	CS3-CON	
Pre Rig Upright	Metric	Imperial
Hanging:	520 x 810 mm	20.47 x 31.89 in
Transport:	400 x 800 mm	15.75 x 31.50 in
Pre Rig flat	Metric	Imperial
Hanging:	810 x 520 mm	31.89 x 20.47 in
Transport:	800 x 400 mm	31.50 x 15.75 in
CWT Truss complete	Metric	Imperial
Hanging:	1580 x 800 mm	62.20 x 31.50 in
Transport:	1790 x 844 mm	70.47 x 33.23 in





# CWT Loading charts

## Metric loading charts

Flat position 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
10	538	31	2375	23	1896	30	1345	30	1121	32
20	119	127	1194	106	895	129	597	122	497	128
30	42	292	628	254	471	296	314	282	261	293

Upright position Span*	kg/m	mm**	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
10	585	29	2557	21	1707	24	1335	26	1101	28
20	131	117	1260	97	945	119	630	112	525	118
30	47	268	678	232	509	272	339	259	283	269

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

## Imperial loading charts

Flat position Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
32,81	361,5	1.22	5225,0	0.91	4171,2	66.0	2959,0	1.18	2466,2	1.26
65,62	80,0	5.00	2626,8	4.17	1969,0	283.8	1313,4	4.80	1093,4	5.04
98,43	28,2	11.50	1381,6	10.00	1036,2	651.2	690,8	11.10	574,2	11.54

Upright position Span*	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
32,81	393,1	1.14	5625,4	0.83	3755,4	52.8	2937,0	1.02	2422,2	1.10
65,62	88,0	4.61	2772,0	3.82	2079,0	261.8	1386,0	4.41	1155,0	4.65
98,43	31,6	10.55	1491,6	9.13	1119,8	10.71	745,8	10.20	622,6	10.59

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



# Ground Support Tower Systems

Tower systems are designed, engineered and developed to be build with standard versatile tower truss, but with a ladder brace on one side for safe climbing and with thicker tube walls for enhance vertical load capacity in combination with a standard main rig Truss Type.

Eurotruss carries four different tower systems each with his own specification and combination with a specific truss type to be used in the main rig. All the towers are also designed and calculated to be used in one of the multiple roof systems Eurotruss carries.

The HD Towers (30-er and 40-er Towers) are equipped to be lifted by electric or manual chain hoists where the TD Tower range (35-er, 40-er and 50-er Towers) are all to be used with electrical chain hoists.

**The Eurotruss Towers get it up!**









Building a structure begins with solid support,  
support in products and service!







## HD/FD34 Tower The basic tower

The ground support tower HD/FD34 makes for an excellent vertical truss that allows the safe, quick lifting of regularly loaded horizontal truss constructions (riggs) and small to medium-sized platform roofs to their service height. The straight elements of the tower consist of HD/FD34 Standard Truss, allowing a variety of combinations. This system is compatible with the type HD/FD34 Basement (Touring, Professional and Small Base), Hinge Section, Sleeve block and Top Section.

In terms of statics, ground support towers, indoor applications, are exposed to negligible flexural strain but primarily to pressure strain. In outdoor use, on the other hand, the tower is exposed to very high flexural strain due to the coverings or roof.





**TOP34-MH**  
Top Part for manual chain hoist



**FD34-SB3-XD/C**  
FD34 Sleeve block XD / FD34



**FD34-BPR**  
Touring Base



**BASE-01A**  
Steel Base

**OUTR-S01A**  
Short Outrigger

**OUTR-L01A**  
Long Outrigger

## Facts

- Manual & Electric hoist top parts available
- Sleeve block available for XD & FD/HD34/44
- Available with 3 types of bases: heavy duty steel base, Professional base and a touring base (both made out of aluminium)
- Up to 10 meters (33 ft.)

## Specifications HD/FD34 Tower

Max. Height:	10 m. (33 ft)
Max Loading:	1000 kg. (2200 lbs)
Tower Truss:	HD/FD34
Sleeve Block:	XD, HD/FD34/HD44

## Top section & Sleeve Blocks

FD34 Top Sections are available for manual or electrical chain hoists (Recommendation: always use a safety cable (between top section and sleeve block) FD34 Sleeves are available with various attachments and suitable for several truss types, strong and safe with perfect chosen dimensions to combine standard truss elements.

## Hinge set

A strong, safe and cost effective solution to erect the HD/FD34 Tower. The hinge sets are 100mm long. Those half connectors with a hinge fork allow a very high vertical load. 4 Hinge sets (2 left and 2 right) are required per tower.

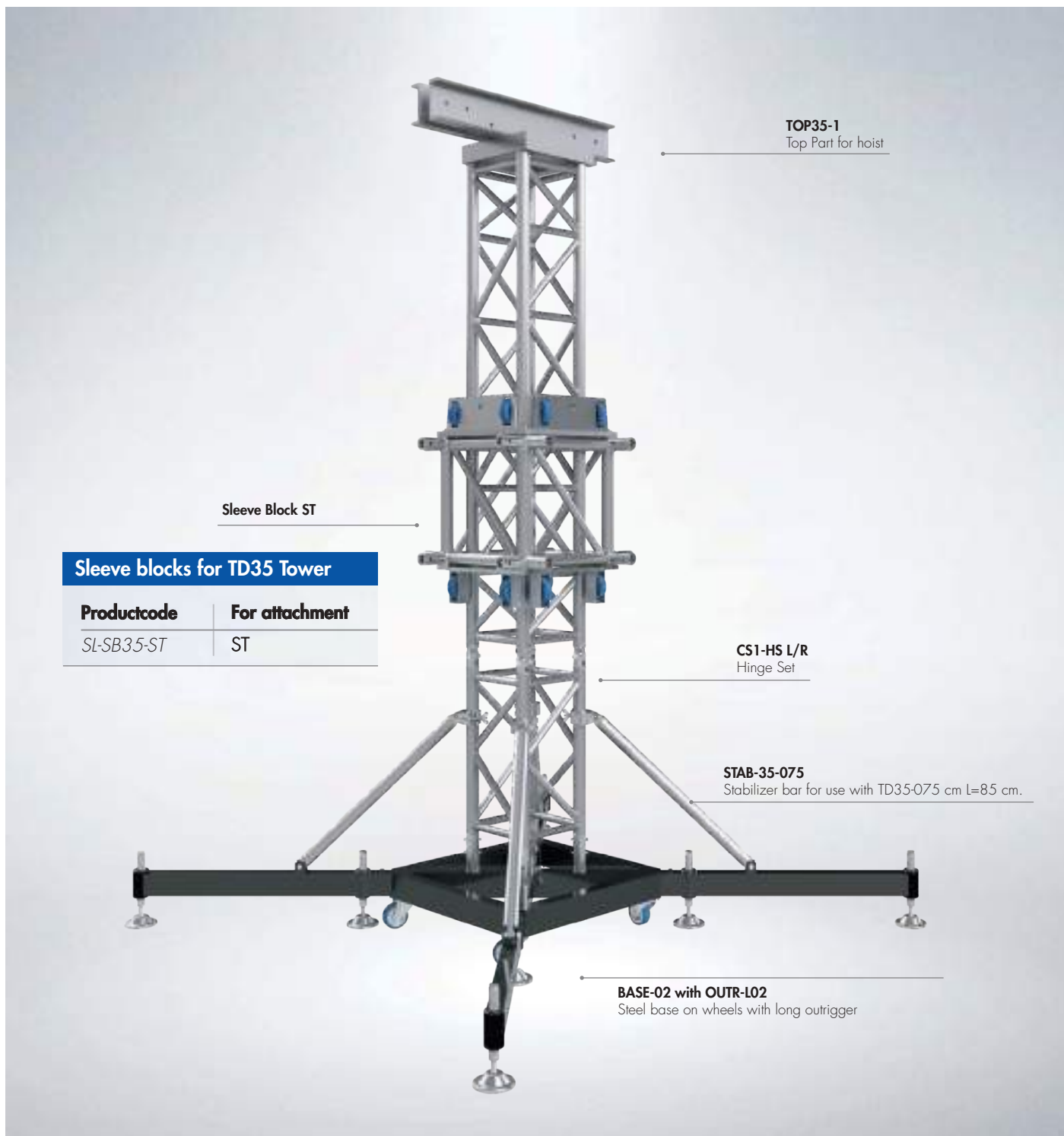
## Base section

FD34 Touring base is identical to the professional base but with integrated short outriggers (4 per Touring Base). FD34 Steel base on wheels available with short outriggers or long outriggers in combination with stabilizer bars.

## Outriggers & Accessories

The outriggers are available in short outriggers and long outriggers in combination with stabilizer bars and it depends on the purpose when which to use. At Outdoor Ground Supports, Roofs, Bridges or High Indoor Ground Supports the usage of long outriggers are to be advised.

Next to the standard parts Eurotruss supply additional accessories, which can be demanded for different usage. For stability Eurotruss carries three different outriggers. To obtain more stability in the rig, bold on cornerbraces are available.

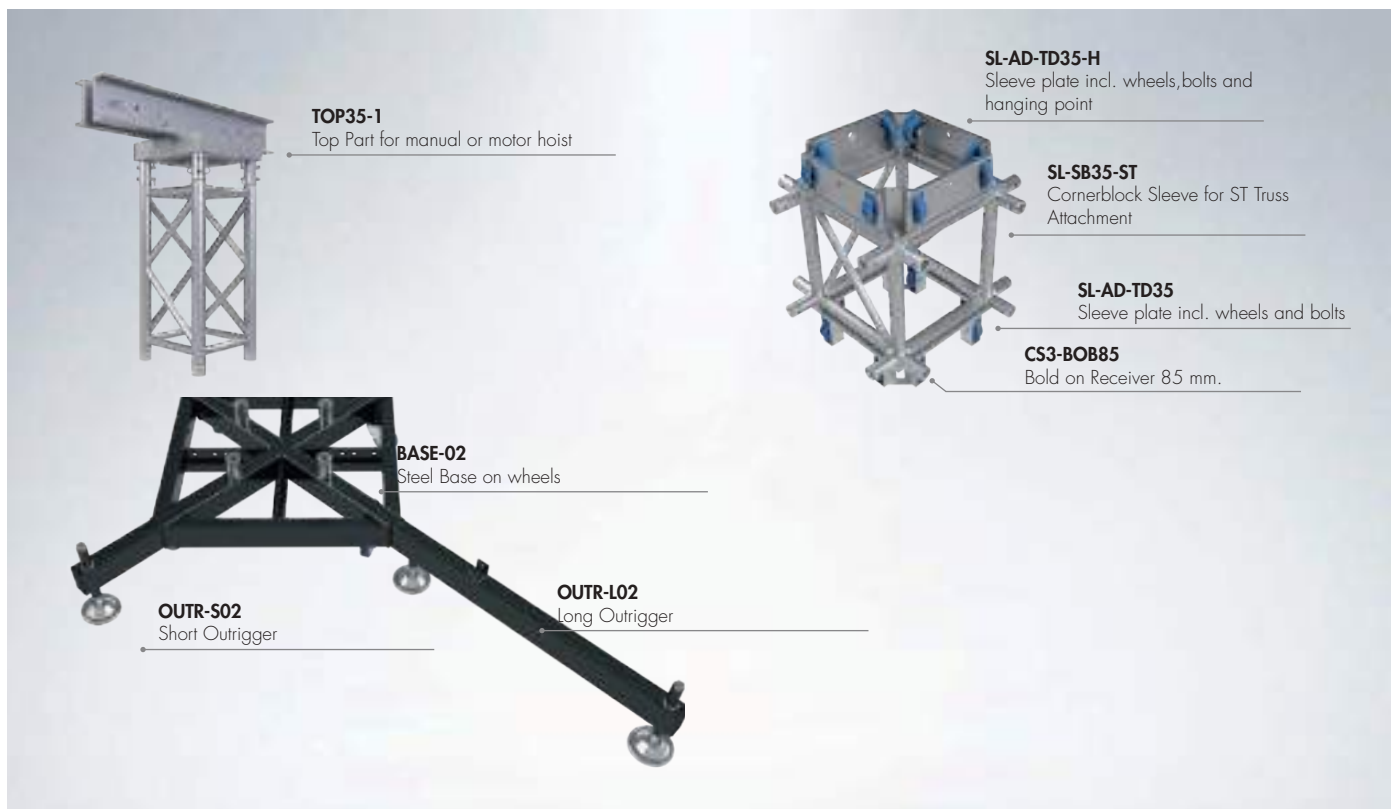


## TD35 Tower The ST truss support tower

The TD35 Tower makes for an excellent vertical truss that allows the safe, quick lifting of regularly loaded horizontal ST Truss Rig and Roofs to their service height. In terms of static, the TD35 Tower is designed for a high flexural- and pressure strain. Especially due to the roofs this high flexural strain is required.

TD35 Tower Truss is a square 35cm heavy duty truss with one on side integrated horizontal bracing for safe and easy climbing. Naturally this TD35 Truss has been made according DIN EN 1999- 1-1 & 1999 -1-1 /A2 within Eurocode 9 and approved by TuV.





#### Facts

- Steel base equipped with high quality cast wheels
- Sleeve block made out of a ST corner block
- Multifunctional Top Part for use with manual and motorized hoists
- Up to 14 meters (46 ft.)

#### Specifications TD35 Tower

Max. Height:	14 m. (46 ft.)
Max Loading:	2000 kg. (4400 lbs.)
Tower Truss:	TD35
Sleeve Block:	ST

## Top section & Sleeve Blocks

A new multifunctional top part for use of manual chain hoist as well as motorized hoist has been redesigned and built stronger.

Standard sized ST corner block with the usage of 2 bolted sleeve plates guarantees a perfect geometric rig. These blocks make it possible to fit the ST Truss to all four sides by using bolted receivers. The upper sleeve plate is equipped with an integrated hanging point.

## Hinge set

A strong, safe and cost effective solution to erect the TD35 Tower. The hinge sets are 100mm long. Those half connectors with a hinge fork allow a very high vertical load. 4 Hinge sets (2 left and 2 right) are required per tower.

## Base section & Outriggers

Steel Base on wheels available with short outriggers and long outriggers in combination with stabilizer bars.

## Ballast Safe

Product Code BS-35

The Ballast-Safe is a full integrated base in a stage and gives the benefit of reducing the total required ballast by taking the self weight of the stage structure. The support beams of the Ballast-Safe are equipped with steel wedge heads to attach the guy wires. The Ballast safe allows you to set your towers and roof up on a flat, levelled platform which saves you a ton of build up time.

## Ballast Base

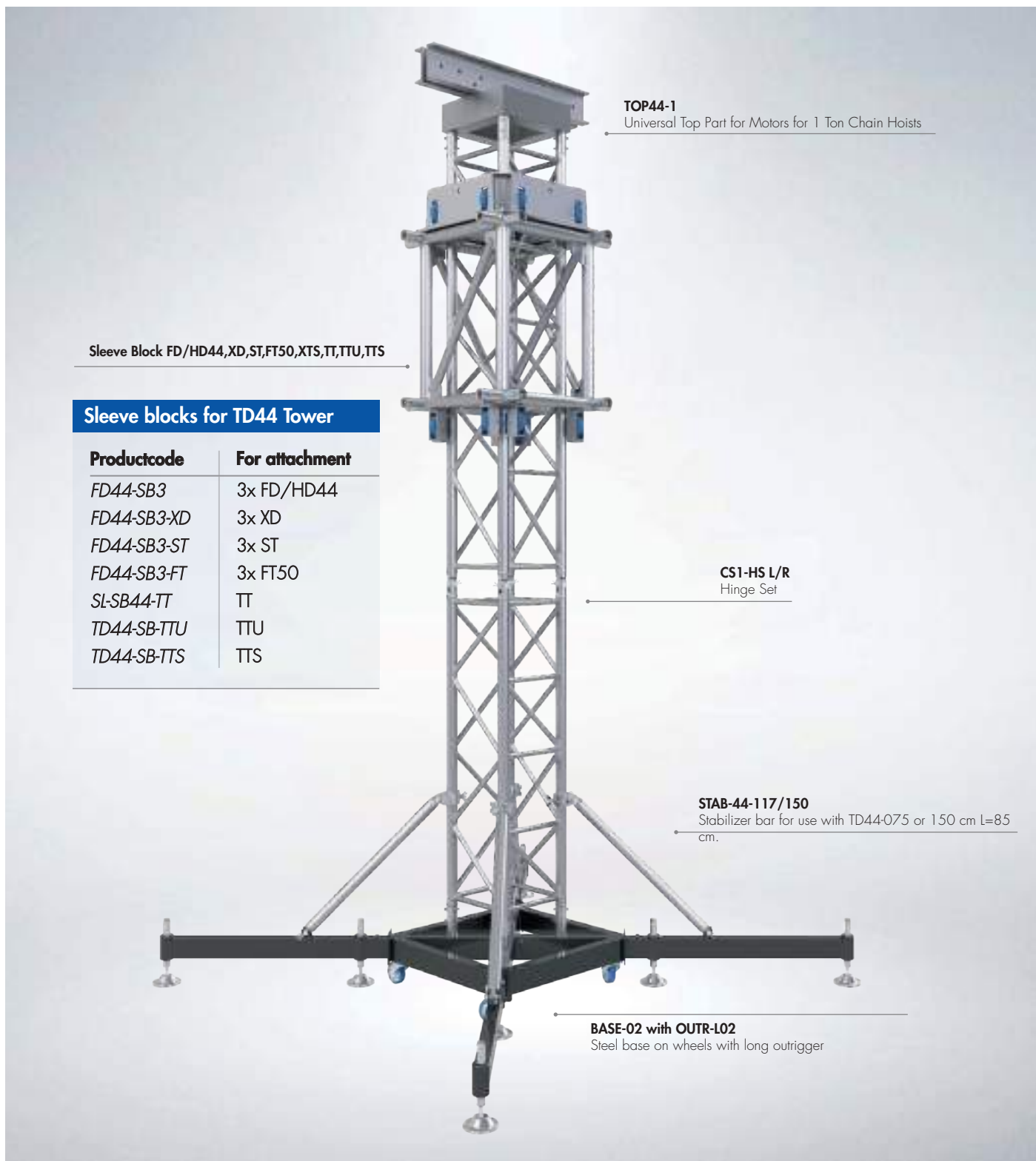
Product Code BL-35

This is an alternative base frame which is an engineered steel flexible frame to the base to put ballast on. Solid wheels enables you to transport the ballast easily and sufficient spindles lock down the frame. Standard pallet sized ballast fit on the base frame to ensure you the correct positioning of the ballast.

## Erecting System

Product Code TES-35

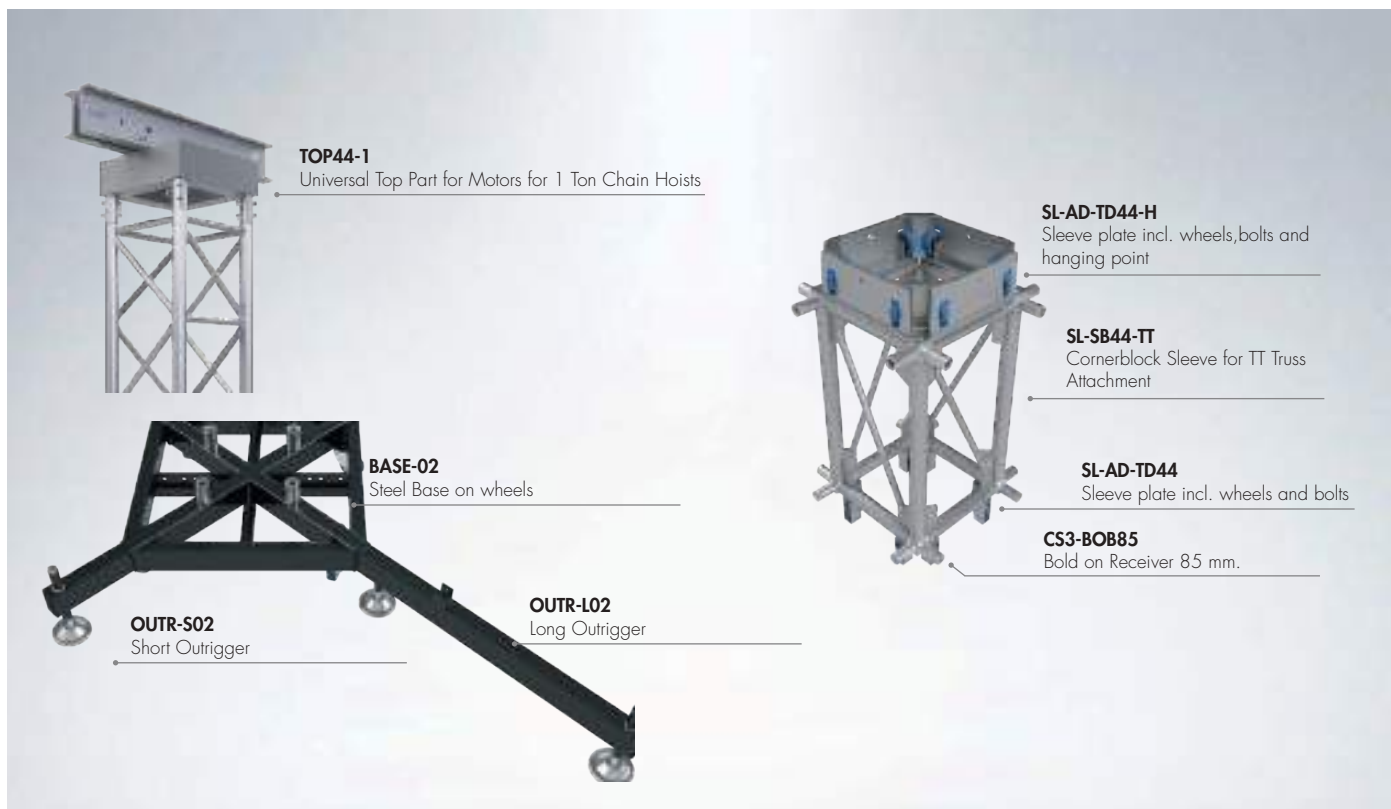
This easy and fast tower frame, strapped with ratches to the main truss, can be used to erect the towers with just the help of an electrical chain hoist.



## TD44 Tower

The TD44 Tower makes for an excellent vertical truss that allows the safe, quick lifting of regularly loaded horizontal HD/FD44, FT, XT and TT Truss Rig and Roofs to their service height. In terms of static, the TD44 Tower is designed for a high flexural- and pressure strain. Especially due to a roof this high, flexural strain is required.





#### Facts

- Steel base equipped with high quality cast wheels
- Build for extreme heights and loads
- Up to 16 meters (52ft.)
- Multifunctional Top Part for use with manual and motorized hoists

#### Specifications TD44 Tower

Max. Height:	16 m. (52 ft.)
Max Loading:	2000 kg. (4400 lbs)
Tower Truss:	TD44
Sleeve Block:	TTU,TTS,TT, XTS,FT50, ST,XD,FD/HD44

## Top section & Sleeve Blocks

A new multifunctional top part for use of manual chain hoist as well as motorized hoist has been redesigned and built stronger.

Standard sized XTS and TT corner blocks with usage of 2 bolted sleeve plates guarantees a perfect geometric rig. These blocks make it possible to fit the TT / XTS / FT50 Truss to all four sides mby using bolted receivers. The upper sleeve plate is equipped with an integrated hanging point. The standard FD44 sleeve blocks have predesined welded receivers on 3 sides for attachments of XD/ST or FT50 truss.

## Hinge set

A strong, safe and cost effective solution to erect the TD44 Tower. The hinge sets are 100mm long. Those half connectors with a hinge fork allow a very high vertical load. 4 Hinge sets (2 left and 2 right) are required per tower.

## Base section & Outriggers

Steel Base on wheels available with short outriggers and long outriggers in combination with stabilizer bars.

## Ballast Safe

Product Code BS-44

The Ballast-Safe is a full integrated base in a stage and gives the benefit of reducing the total required ballast by taking the self weight of the stage structure. The support beams of the Ballast-Safe are equipped with steel wedge heads to attach the guy wires. The Ballast allows you to set your towers and roof up on a flat, levelled platform which saves you a ton of build up time.

## Ballast Base

Product Code BL-44

This is an alternative base frame which is an engineered steel flexible frame to the base to put ballast on. Solid wheels enables you to transport the ballast easily and sufficient spindles lock down the frame. Standard pallet sized ballast fit on the base frame to ensure you the correct positioning of the ballast.

## Erecting System

Product Code TES-44

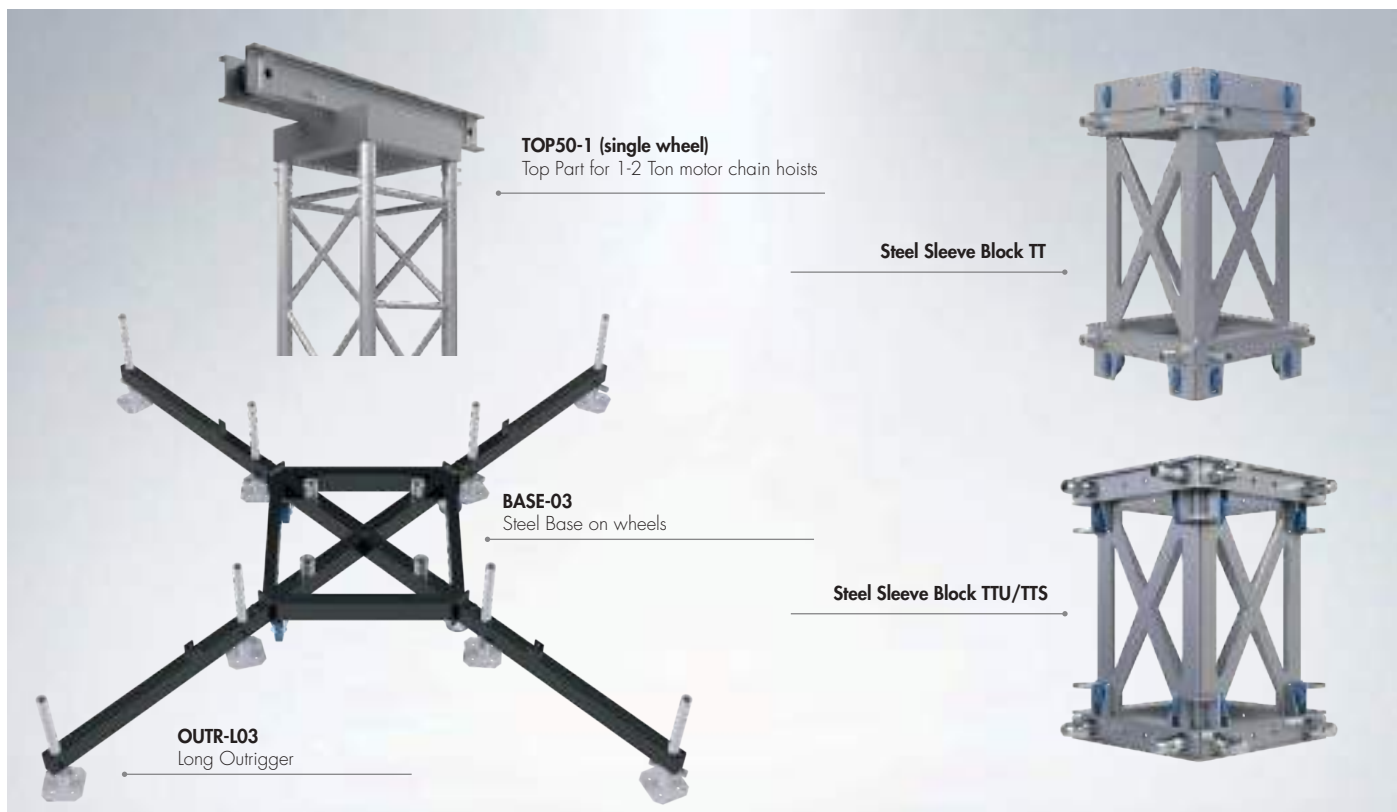
This easy and fast tower frame, strapped with ratches to the main truss, can be used to erect the towers with just the help of an electrical chain hoist.



## TD50 Tower

Eurotruss adds to the existing TD35 and TD44 the TD50 Tower System. This tower is designed for extreme heights and high loads. The TD50 Tower System in combination with TT Truss can go up 20 meters and handle 8000 kg.





#### Facts

- Steel base equipped with high quality cast wheels
- Build for extreme heights and loads
- Up to 20 meters (67ft.)
- Top part with 4 wheels for high load bearing

#### Specifications TD50 Tower

Max. Height:	20 m. (67 ft.)
Max Loading:	8000 kg. (17637 lbs.)
Tower Truss:	TD50
Sleeve Block:	TT, TTU, TTS,

## Top section & Sleeve Blocks

A 2t double chain hoist Top Part with 4 wheels for high load bearing. The Top Part has integrated pick up points for dead hanging. The sleeve block is a TTU/TTS/TT corner block with usage of 2 bolted sleeve plates. These blocks make it possible to fit the TTU, TTS/TT/ Truss to all 4 sides by using bolted receivers. The upper plate is equipped with an integrated pickup point.

## Hinge set

A strong and cost effective solution to erect the TD50 Tower. The hinge sets are half connectors with a hinge fork which allow high vertical load. 4 Hinges are required per tower.

## Base section & Outriggers

A Steel Base on wheels with short or long outriggers in combination with stabilizer bars.

## Ballast Safe

Product Code BS-50

The Ballast-Safe is a full integrated base in a stage and gives the benefit of reducing the total required ballast by taking the self weight of the stage structure. The support beams of the Ballast-Safe are equipped with steel wedge heads to attach the guy wires. The Ballast allows you to set your towers and roof up on a flat, levelled platform which saves you a ton of build up time.

## Ballast Base

Product Code BL-50

This is an alternative base frame which is an engineered steel flexible frame to the base to put ballast on. Solid wheels enables you to transport the ballast easily and sufficient spindles lock down the frame. Standard pallet sized ballast fit on the base frame to ensure you the correct positioning of the ballast.

## Erecting System

Product Code TES-50

This easy and fast tower frame, strapped with ratches to the main truss, can be used to erect the towers with just the help of an electrical chain hoist.

# Sound Towers & LED Bridges

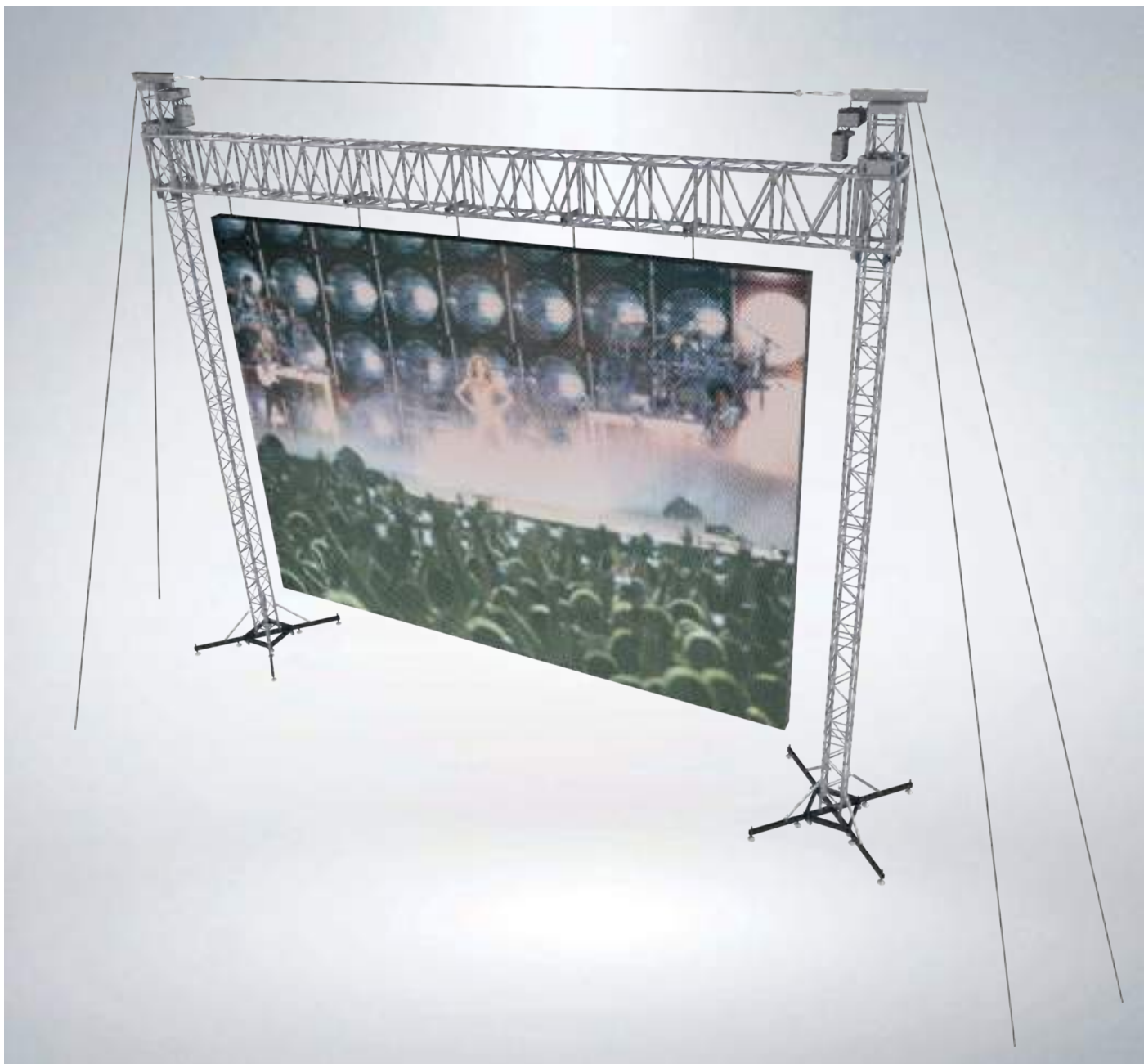
Stand alone towers to erect and support PA clusters or LED screens at a given height. These tower system are all designed and calculated to perform in the outdoor scene. The Sound & LED Towers are all approved and build from many standard truss products.









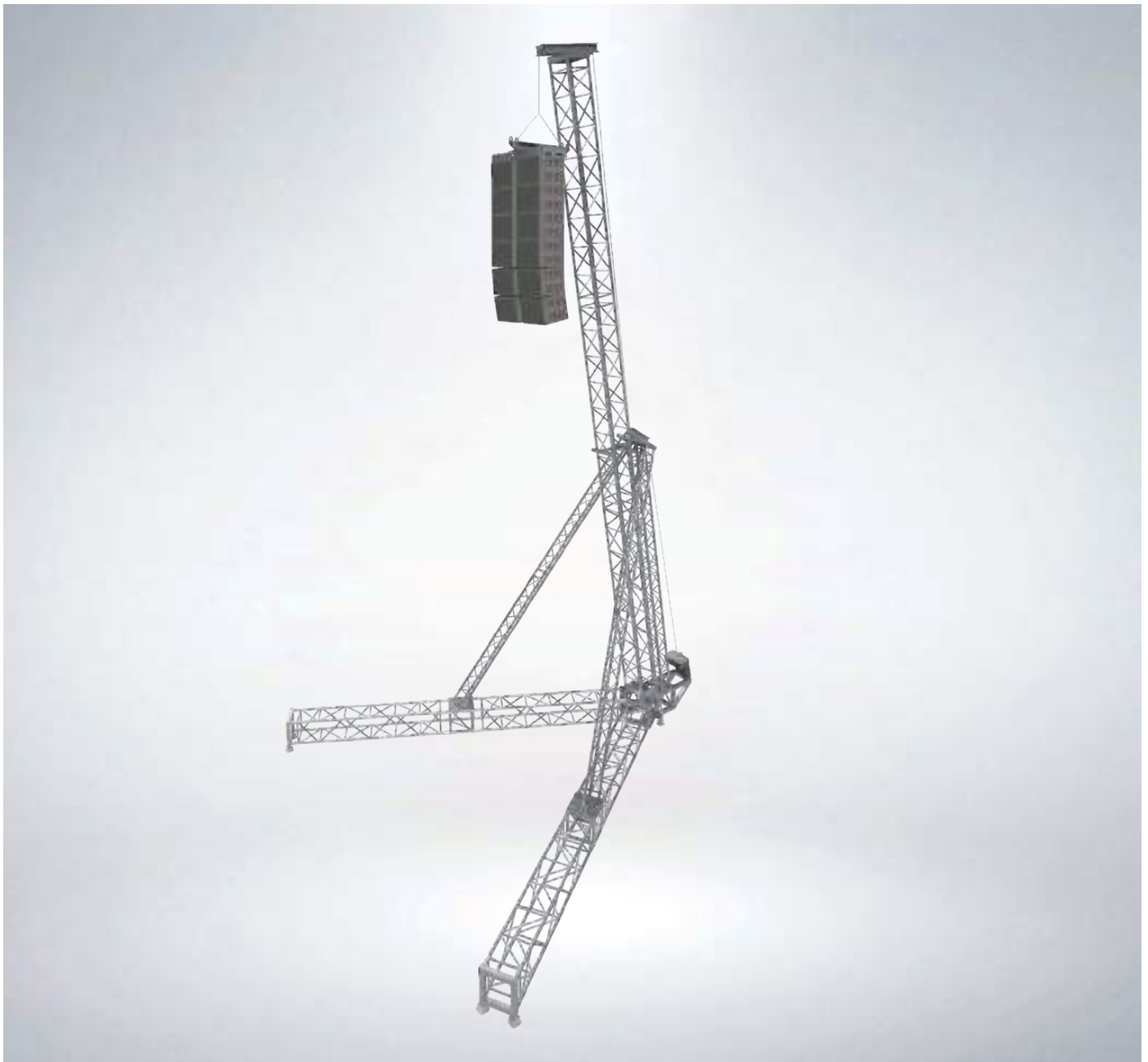


# LED Bridge

Specifications LED Bridges			
Measurements LED-BR-01		Measurements LED-BR-02	
Towers:	TD35	Towers:	TD44
Horizontal Trus:	ST Truss	Horizontal Trus:	TT Truss
Height:	7,5 m. (24.6 feet)	Height:	10 m. (32,8 feet)
Clearance:	6,5 m. (21.3 feet)	Clearance:	8,5 m. (27,9 feet)
Max. Screen size:	24m <sup>2</sup> (258ft <sup>2</sup> )	Max. Screen size:	54m <sup>2</sup> (581ft <sup>2</sup> )
Load Capacity:	1.800 kg. (3.968 lbs.)	Load Capacity:	4.050 kg. (8.928 lbs.)
Guy Wiring:	Necessary	Guy Wiring:	Necessary

\* excl. rigging hoists

Facts
<ul style="list-style-type: none"> <li>• Available in 2 Types BR-01 &amp; BR-02</li> <li>• Load bearing capacity up to 4.050 kg. (8.928 lbs.)</li> <li>• Standard truss is used, no special truss required</li> <li>• For this LED Bridge, guy wiring is necessary</li> </ul>



# ST Sound Tower

## Specifications ST Sound Tower

	<b>Metric</b>	<b>Imperial</b>
Overall Height:	13,28 m.	43,6 ft.
Max. lifting height:	13,00 m.	42,7 ft.
Max. loading capacity:	1.200 kg.	2.645 lbs.
Necessary ballast:	1.240 kg.	2.734 lbs.
Max. Windforce:	8Bft	8Bft
Max. Surface frontload:	7,5 <sup>m2</sup>	80,7 <sup>ft2</sup>
Max. Surface sideload:	5,5 <sup>m2</sup>	59,2 <sup>ft2</sup>
Truss sections used:	ST/HD33	ST/HD33
Groundarea length:	7,65m.	25,1 ft.
Groundarea width:	6,98 m.	22,9 ft.

## Facts

- V shape uses small amount of ground area
- For flying heavy duty PA systems
- Based on ST truss & HD33





## HD44 Sound Tower

### Specifications HD44 Sound Tower

	<b>Metric</b>	<b>Imperial</b>
Overall Height:	10,84 m.	35,6 ft.
Max. lifting height:	10,50 m.	34,4 ft.
Max. loading capacity:	800 kg.	1.763 lbs.
Necessary ballast:	500 kg.	1.102 lbs.
Max. Windforce:	8Bft	8Bft
Max. Surface frontload:	4,5 <sup>m2</sup>	48,4 <sup>ft2</sup>
Max. Surface side load:	3,3 <sup>m2</sup>	35,5 <sup>ft2</sup>
Truss sections used:	HD44	ST/HD33
Groundarea length:	5,01 m.	16,4 ft.
Groundarea width:	5,42 m.	17,8 ft.

### Facts

- V shape uses small amount of ground area
- For medium duty PA systems
- Based on standard HD44 truss elements

## HD34 Sound Tower

### Specifications HD34 Sound Tower

	<b>Metric</b>	<b>Imperial</b>
Overall Height:	7,94 m.	26,0 ft.
Max. lifting height:	7,50 m.	24,6 ft.
Max. loading capacity:	700 kg.	1.543 lbs.
Necessary ballast:	510 kg.	1.124 lbs.
Max. Windforce:	8Bft	8Bft
Max. Surface frontload:	3,0 <sup>m2</sup>	32,3 <sup>ft2</sup>
Max. Surface side load:	2,5 <sup>m2</sup>	26,9 <sup>ft2</sup>
Truss sections used:	HD34	ST/HD33
Groundarea length:	3,97 m.	13,0 ft.
Groundarea width:	4,00 m.	13,1 ft.

### Facts

- V shape uses small amount of ground area
- To fly light duty PA systems
- Based on standard HD34 truss elements



# Spigoted Truss

Next to the Conical Truss Eurotruss carries also the Spigoted Truss, also known as the Fork End Truss, one of the first major truss available in the global truss market as the spigoted truss started in 1975. The spigoted truss is made of rigid aluminium tubes with 4,47mm (0.18 inches) wall thickness coping with severe loads and circumstances.

**Spigoted Truss, build strong to last long!**

*The two series GS & Mini Beam was always known with the brand name Slick. Eurotruss after purchased Slick rebranded it under the Eurotruss Flag and upgraded the products.*







# Mini Beam

## Rectangular Truss

Mini Beam is an extremely compact heavy duty truss system, purpose designed and built to meet the rigorous requirements.

Mini Beam is a 347 mm x 255 mm (13,7" x 10") rectangular truss and comes in metric and feet lengths and consist of a large variety of corner blocks, horizontal vertical as swivel corners, making it an extremely versatile product.

Mini Beam has an impressive strength to weight ratio, being able to typically take high loads on 10m (32,8 feet) spans and with its small size the ideal truss to manage. Mini Beam Truss is manufactured from high grade aluminium alloy and is engineered to conform to the latest EN standards. Approved according the DIN EN 1999-1-1 & 1999-1-1/A2 within Eurocode 9 specifications.

Facts	
•	4,47 mm wall thickness of 48,4 mm main tube
•	High stability aluminium alloy
•	Highest standard TuV approved
•	Low dead weight
•	High wear resistance
•	Welded slots
•	Good storage and transport size






Specifications Mini Beam Rectangular Truss		
	Metric	Imperial
Height:	347 mm.	13.66 in.
Width:	255 mm.	10.03 in.
Main Tube:	48,4 x 4,47 mm.	1.90 x 0.18 in.
Braces:	25 x 3 mm.	0.98 x 0.12 in.
Weight:	~10,5g/m.	~23,1lbs/ft.
Pin Position:	Horizontal	
Material:	EN AW-6082 T6	
Connection:	GP+R3	










## Mini Beam Loading charts

### 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
4	1272	11	2865	10	2104	12	1477	12	1231	13
6	952	28	1956	23	1423	28	978	27	815	28
9	285	63	1285	51	963	65	642	60	535	64
12	157	113	943	91	707	115	471	107	393	113
16	85	201	680	164	510	205	340	192	283	202
20	52	315	516	261	387	321	258	302	215	318

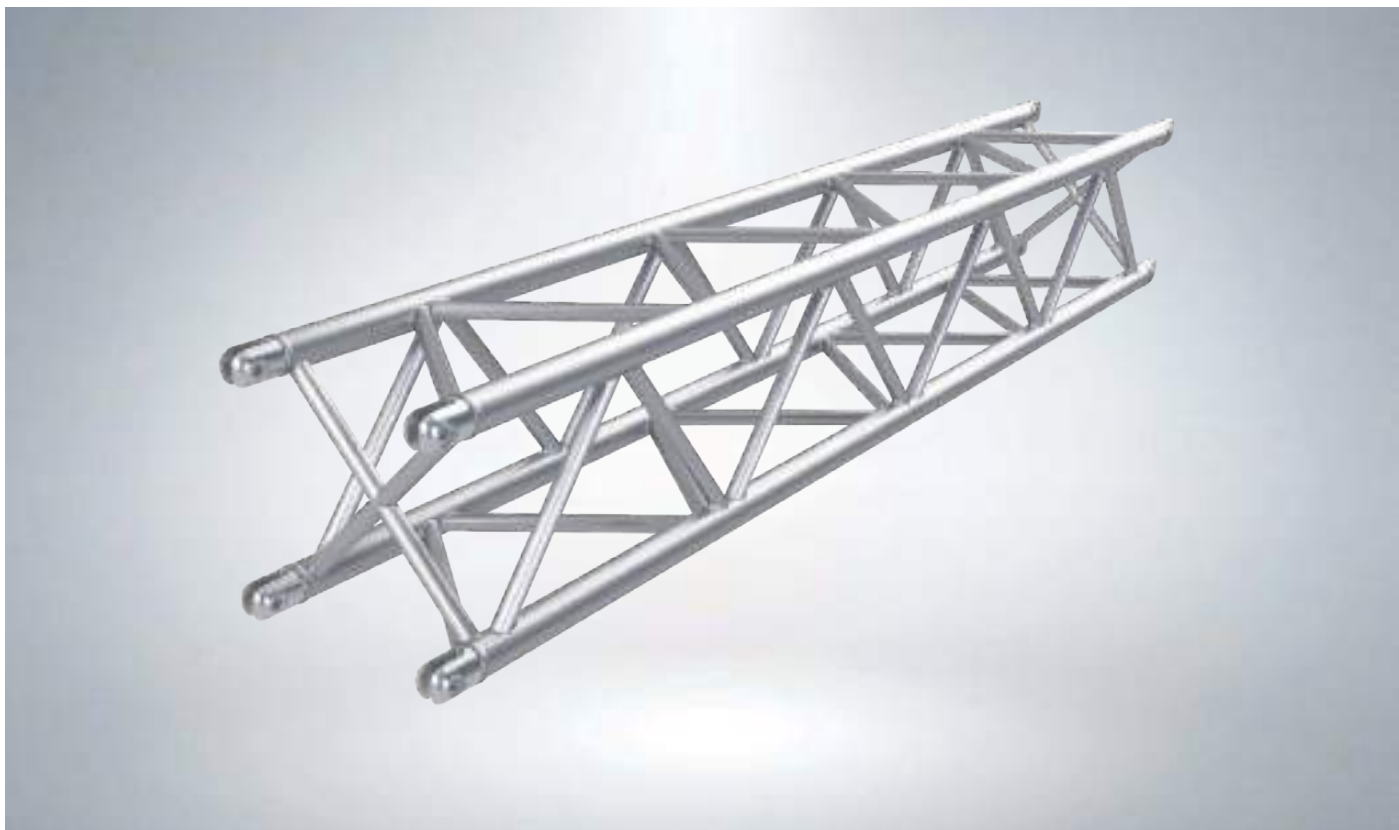
\* in meters / \*\* mm is the deflection of the truss at the given load

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
										
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
6,6	2804,3	0.43	6316,2***	0.39	4638,5***	0.47	3256,2	0,47	2 713.9	0.51
19,7	2098.8	1.10	4312,2	0.90	3137.1***	1.10	2156,1	1.06	1796,7	1.10
32,8	628,3	2.48	2832,9	2.00	2123,1	2.56	1 415.4	2.36	1179.4	2.52
39,4	346,1	4.45	2079,0	3.58	1558,7	4.53	1 038.4	4.21	866.4	4.45
49,2	187,4	7.91	1499,14	6.46	1124,3	8.07	749.5	7.55	623.9	7.95
59,1	114,6	12.40	1137,6	10.27	853.2	12.64	568.8	11.89	474.0	12.52

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## GS Square Truss

GS is a heavy square duty truss, purpose designed and built to meet the rigorous requirements. GS is a 347mm (13,7") box truss and comes in metric and feet lengths and can be adapted in tower applications and can be made with the addition of a purpose built steel base, head block and a variety of sleeve blocks.

The GS Range comes complete with all the usual corners, swivels and hinges and in combination with its Tower GS Truss is ideal for ground supported installations.

GS Truss is manufactured from high grade aluminium alloy and is engineered to conform to the latest EN standards. Approved according the DIN EN 1999-1-1 & 19992-1-1 / A2 within Eurocode 9 specifications.

### Facts

- 4,47 mm wallthickness of 48,4 mm main tube
- Highstability aluminium alloy
- Highest standard TuV approved
- High wear resistance
- Welded slots
- Good storage and transport size
- Tower Truss GS

### Specifications GS Square Truss

	<b>Metric</b>	<b>Imperial</b>
Height:	347 mm.	13.66 in.
Width:	347 mm.	13.66 in.
Main Tube:	48,4 x 4,47 mm.	1.90 x 0.18 in.
Braces:	25 x 3 mm.	0.98 x 0.12 in.
Weight:	~10,5g/m.	~23,1lbs/ft.
Pin Position:	Horizontal	
Material:	EN AW-6082 T6	
Connection:	GP+R3	





## GS Square loading charts

### 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
6	651	28	1952	23	1464	29	976	27	813	28
8	362	50	1448	40	1086	51	724	48	603	50
10	228	78	1142	63	865	80	571	74	476	79
12	156	113	935	92	701	115	467	107	389	114
14	112	154	784	126	588	157	392	147	327	155
15	96	177	723	145	542	180	362	169	301	178

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
19.6	1435,2	1.10	4303,4	0.90	3227,6	1.14	2151,7	1.06	1792,4	1.10
26.2	798,1	1.96	3192,3	1.57	2394,2	2.01	1596,1	1.90	1329,4	1.97
32,8	502,6	3.07	2517,7	2.48	1907,0	3.15	1258,8	2.91	1049,4	3.11
39,4	343,9	4.44	2061,3	3.62	1545,4	4.52	1029,5	4.21	857,6	4.48
45,9	246,9	6.06	1728,4	4.96	1296,3	6.18	864,2	5.78	720,9	6.10
49,2	211,6	6.96	1593,9	5.71	1194,9	7.08	798,1	6.65	663,6	7.00

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



# Plated Truss

Next to the Conical and the Spigoted Truss Eurotruss offers also the well known plated truss in various sizes. These truss systems are suitable for the majority of lighting applications, flying P.A.systems and any other general purpose use. The plated truss is the most used and respected truss in the North American and Asian Market. Eurotruss manufactures the plated truss in their factory in Knoxville Tennessee and slightly upgraded the products to improve user's friendliness.

**Plated Truss, the number one for professionals!**













If it comes to lining up,  
plated truss is your friend



## 12" LD Box

### Facts

- More horizontal braces for extra hanging positions
- Using standard SAE washers
- Comes with high grade bolts
- Welded by AWS D1.2 certified welders
- Complies with ANSI E1.2

### Specifications 12" LD Box

	Metric	Imperial
Height:	304.8 mm	12.00 in
Width:	304.8 mm	12.00 in
Main Tube:	50,8 x 4,7 mm	2.00 x 0.20 in
Braces:	50,8 x 3,17 mm	2.00 x 0.13 in
Braces:	25,4 x 3,17 mm	1.00 x 0.13 in
End Tube:	50,8 x 25,4 x 3,17 mm	2.00 x 1.00 x 0.13 in
Plates:	9,5 mm	0.38 in
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
3	1100	5,6	1676	4,5	1257	5,8	838	5,4	699	5,7
6	269	2,5	820	18,3	615	23,3	410	21,6	342	22,7
9	115	50,6	526	41,5	380	50,5	263	48,7	218	50,8
12	45	67,8	332	67,7	193	67,4	140	67,7	111	67,7

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

### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
10	739	0.22	3696	0.18	2772	0.23	1848	0.21	1540	0.22
20	181	0.89	1807	0.72	1355	0.92	903	0.85	753	0.89
30	77	1.99	1159	1.63	837	1.99	580	1.92	481	2.00
40	30	2.67	733	2.67	425	2.65	308	2.67	244	2.67

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.





# 12" HD Box

## Facts

- More horizontal braces for extra hanging positions
- Using standard SAE washers
- Comes with high grade bolts
- Welded by AWS D1.2 certified welders
- Complies with ANSI E1.2
- For the ultimate application of loading
- A favorite of large rental houses

## Specifications 12" HD Box

	Metric	Imperial
Height:	304.8 mm	12.00 in
Width:	304.8 mm	12.00 in
Main Tube:	50,8 x 4,7 mm	2.00 x 0.20 in
Braces:	50,8 x 3,17 mm	2.00 x 0.13 in
Braces:	25,4 x 3,17 mm	1.00 x 0.13 in
End Tube:	50,8 x 25,4 x 3,17 mm	2.00 x 1.00 x 0.13 in
Plates:	9,5 mm	0.38 in
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
3	1271	4,5	2428	4,52	1821	5,82	1214	5,38	968	5,41
6	390	22,4	1190	18,19	893	23,22	595	21,54	496	22,61
9	168	50,4	767	41,25	556	50,55	383	48,56	319	50,80
12	65	67,8	493	67,72	286	67,44	207	67,74	164	67,74

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
10	854	0.18	5353	0.18	4015	0.23	2677	0.21	2134	0.21
20	262	0.88	2624	0.72	1968	0.91	1312	0.85	1093	0.89
30	113	1.99	1690	1.62	1225	1.99	845	1.91	704	2.00
40	44	2.67	1086	2.67	631	2.66	456	2.67	362	2.67

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



# 12x18" LD

## Facts

- More horizontal braces for extra hanging positions
- Using standard SAE washers
- Comes with high grade bolts
- Welded by AWS D1.2 certified welders
- Complies with ANSI E1.2

## Specifications 12x18" LD Rectangular

	Metric	Imperial
Height:	304.8 mm	12,00 in
Width:	457.2 mm	18,00 in
Main Tube:	50,8 x 4,7 mm	2,00 x 0,20 in
Braces:	50,8 x 3,17 mm	2,00 x 0,13 in
Braces:	25,4 x 3,17 mm	1,00 x 0,13 in
End Tube:	50,8 x 25,4 x 3,17 mm	2,00 x 1,00 x 0,13 in
Plates:	9,5 mm	0,38 in
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
3	1100	5,6	1675	4,5	1257	5,8	837	5,9	698	5,7
6	269	22,5	816	18,3	612	23,3	408	21,6	340	22,7
9	115	50,6	521	41,6	376	50,5	261	48,7	216	50,8
12	43	67,8	325	67,7	189	67,4	137	67,7	108	67,7

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
10	739	0.22	3693	0.18	2772	0.23	1846	0.23	1539	0.22
20	181	0.89	1800	0.72	1350	0.92	900	0.85	750	0.89
30	77	1.99	1149	1.64	830	1.99	575	1.92	477	2.00
40	29	2.67	717	2.67	416	2.66	301	2.67	239	2.67

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.





# 12x18" HD

Facts

- More horizontal braces for extra hanging positions
- Using standard SAE washers
- Comes with high grade bolts
- Welded by AWS D1.2 certified welders
- Complies with ANSI E1.2
- For the ultimate application of loading
- A favorite of large rental houses

Specifications 12x18" HD Rectangular		
	Metric	Imperial
Height:	304.8 mm	12.00 in
Width:	457.2 mm	18.00 in
Main Tube:	50,8 x 4,7 mm	2.00 x 0.20 in
Braces:	50,8 x 3,17 mm	2.00 x 0.13 in
Braces:	25,4 x 3,17 mm	1.00 x 0.13 in
End Tube:	50,8 x 25,4 x 3,17 mm	2.00 x 1.00 x 0.13 in
Plates:	9,5 mm	0.38 in
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
3	1269	4,5	2427	4,5	1820	5,8	1213	5,4	968	5,7
6	390	22,4	1187	18,3	890	23,2	594	21,6	494	22,7
9	167	50,4	762	41,5	552	50,5	381	48,6	318	50,8
12	64	67,8	485	67,7	282	67,4	204	67,7	162	67,7

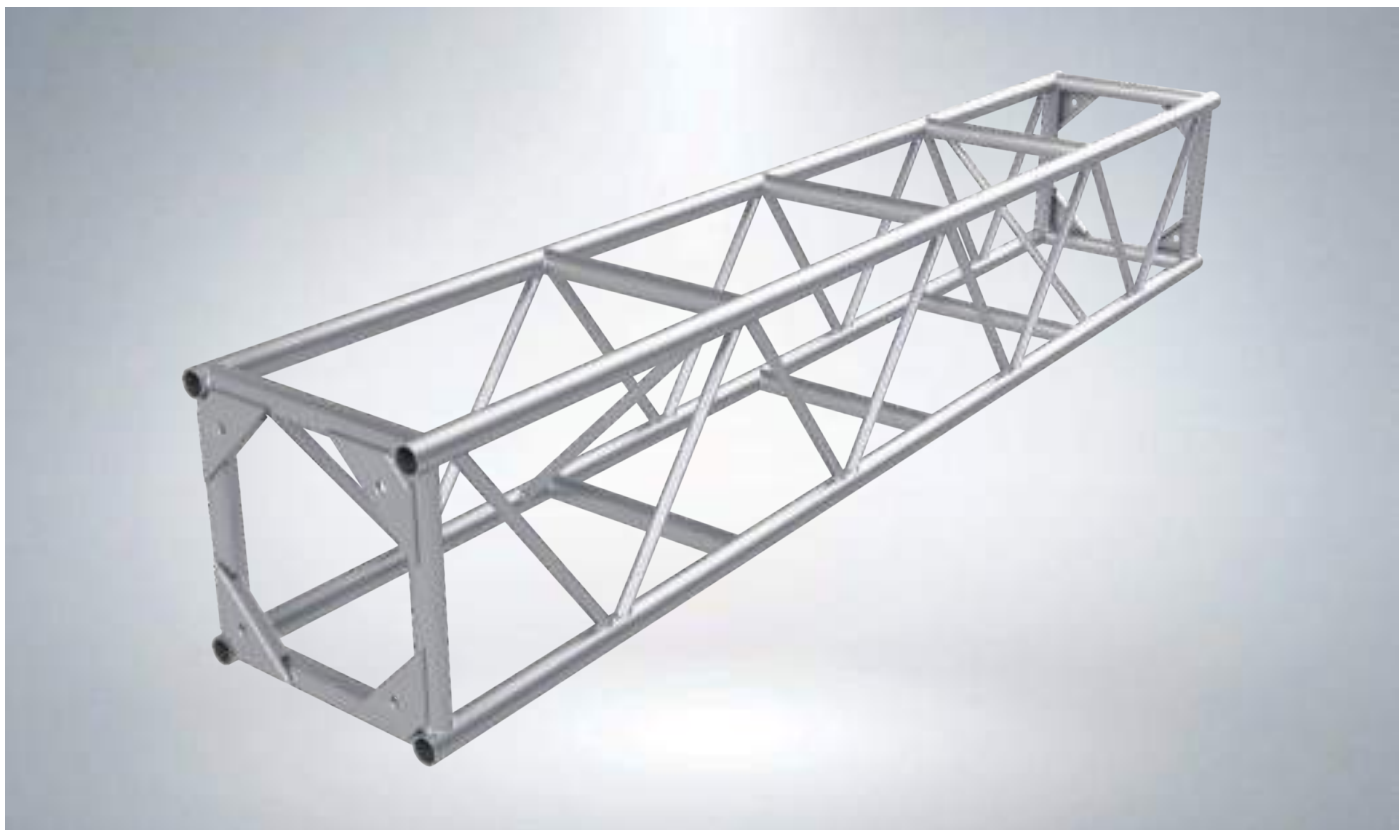
\* in meters / \*\* mm is the deflection of the truss at the given load

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
10	853	0.18	5350	0.18	4012	0.23	2675	0.21	2133	0.22
20	262	0.88	2617	0.72	1963	0.91	1309	0.85	1090	0.89
30	112	1.99	1680	1.63	1218	1.99	840	1.91	700	2.00
40	43	2.67	1070	2.67	621	2.66	450	2.67	357	2.67

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.



## 20,5" LD Box

### Facts

- Using standard SAE washers
- Comes with high grade bolts
- Welded by AWS D1.2 certified welders
- Complies with ANSI E1.2

### Specifications 20,5" LD Box

	<b>Metric</b>	<b>Imperial</b>
Height:	520,7 mm	20.50 in
Width:	520,7 mm	20.50 in
Main Tube:	50,8 x 4,7 mm	2.00 x 0.20 in
Braces:	50,8 x 3,17 mm	2.00 x 0.13 in
Braces:	25,4 x 3,17 mm	1.00 x 0.13 in
End Tube:	50,8 x 25,4 x 3,17 mm	2.00 x 1.00 x 0.13 in
Plates:	9,5 mm	0.38 in
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
<b>3</b>	1313	2,2	2881	2,3	2001	2,7	1334	2,5	1000	2,4
<b>6</b>	464	11,4	1417	9,2	1062	11,8	708	11,0	590	11,5
<b>9</b>	201	25,7	918	21,0	689	26,6	459	24,7	382	25,9
<b>12</b>	109	45,7	660	37,6	495	47,2	330	44,0	275	46,0

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

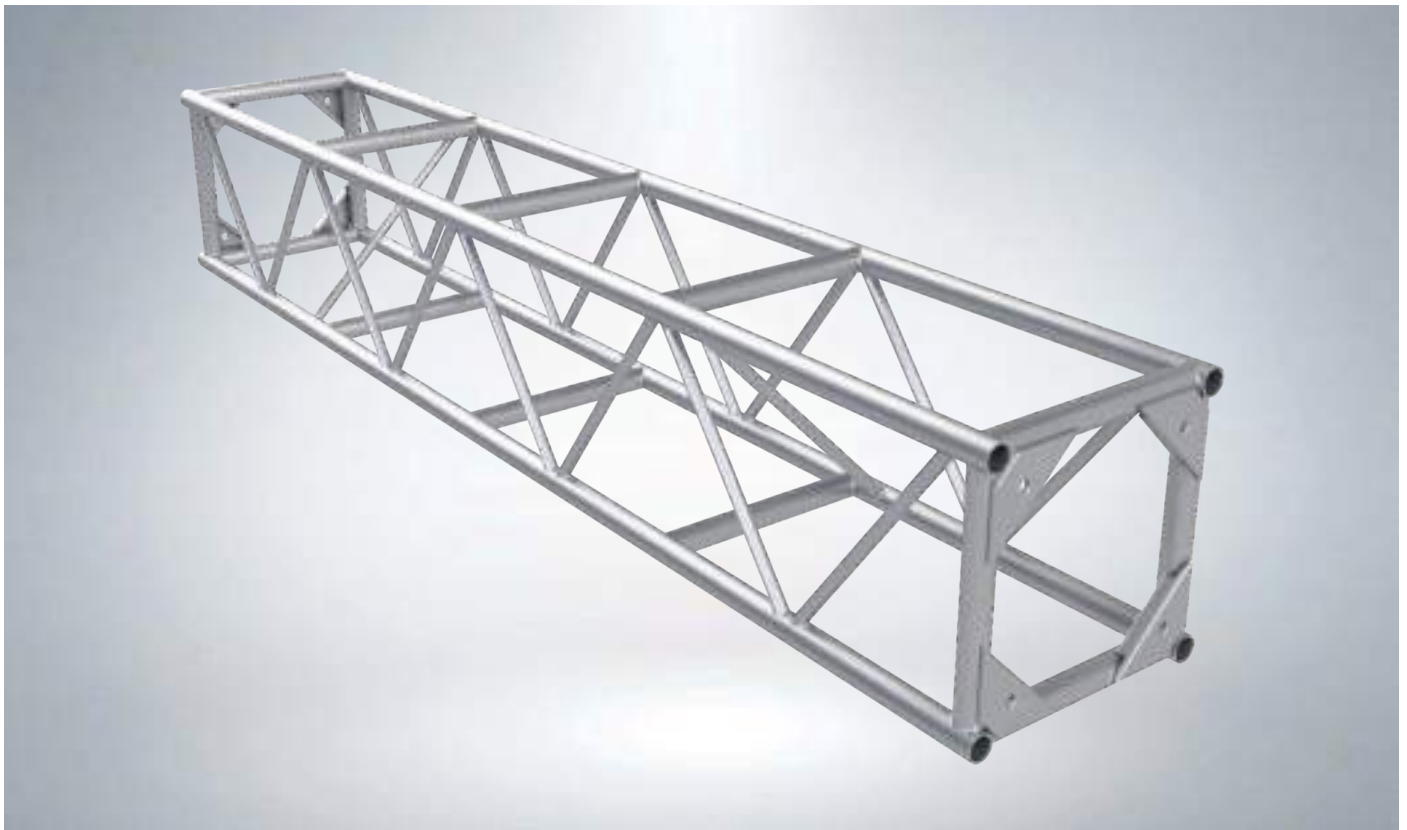
### Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
<b>10</b>	882	0.08	6351	0.09	4411	0.11	2940	0.10	2205	0.09
<b>20</b>	312	0.45	3123	0.35	2342	0.47	1561	0.43	1301	0.45
<b>30</b>	135	1.01	2024	0.83	1518	1.05	1012	0.97	843	1.02
<b>40</b>	73	1.80	1456	1.48	1092	1.86	728	1.73	607	1.81

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.





# 20,5" HD Box

Facts

- More horizontal braces for extra hanging positions
- Using standard SAE washers
- Comes with high grade bolts
- Welded by AWS D1.2 certified welders
- Complies with ANSI E1.2
- For the ultimate application of loading
- A favorite of large rental houses

Specifications 20,5" HD Box		
	Metric	Imperial
Height:	520,7 mm	20.50 in
Width:	520,7 mm	20.50 in
Main Tube:	50,8 x 4,7 mm	2.00 x 0.20 in
Braces:	50,8 x 3,17 mm	2.00 x 0.13 in
Braces:	25,4 x 3,17 mm	1.00 x 0.13 in
End Tube:	50,8 x 25,4 x 3,17 mm	2.00 x 1.00 x 0.13 in
Plates:	9,5 mm	0.38 in
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
3	1310	1,3	3993	2,2	1997	1,9	1331	1,8	998	1,7
6	649	10,9	2050	9,2	1538	11,7	1025	10,9	855	11,4
9	292	25,5	1334	30,8	1001	26,4	667	24,5	556	25,7
12	158	45,3	966	37,2	724	46,9	483	43,7	402	45,7

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

## Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
10	880	0.05	8804	0.09	4402	0.07	2935	0.07	2201	0.07
20	436	0.43	4520	0.36	3390	0.46	2260	0.43	1884	0.45
30	196	1.00	2941	0.82	2206	1.04	1470	0.97	1225	1.01
40	106	1.79	2129	1.47	1597	1.85	1064	1.72	887	1.80

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

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.

The background image shows a large-scale construction project, likely for a stadium or arena. A massive white canopy structure is being erected, with complex scaffolding and support towers visible underneath. In the background, a modern building with a glass facade stands against a clear blue sky. The foreground is partially obscured by a blue diagonal overlay.

# Plated Ground Support Towers







## 12" Tower

Eurotruss plated support tower systems are integral to the Eurotruss Plated Truss Series 12" and 20.5" Box Truss. Eurotruss offers two kind of support towers including our 12" tower. Which is capable of supporting 2000 lbs to a maximum height of 30 feet in a 4 tower configuration, 20 ft in a 2 tower configuration with the tower outrigger section fitted, or 15 feet as a single tower with the tower outrigger arms and section fitted. The support tower outriggers are designed to provide stability and rigidity to single or 2 tower systems.

Ground support towers will provide the necessary equipment to support a truss rig in venues where the flying points are either not strong enough, or not in the right place. Our ground support systems are manufactured to accommodate the strictest demands from the entertainment industry.

Sleeve sections are available in plate form to integrate with our 20.5" corner blocks. These sleeve plates will allow the corner block to be either corner blocks or sleeve blocks.

### Facts

- Steel bases on wheels with integrated long or short outriggers
- Each base comes with 8 adjustable pads to level the tower
- The hinge section uses our popular hinge set which is a tried and true method for tower assembly.
- The top section rollers are made from high density materials
- A tower erecting system is available for the plated versions of our towers.

### Specifications 12" Tower

	<b>Imperial</b>	<b>Metric</b>
Max. Height:	30 ft.	9,1 mtr.
Max Loading:	2.000 lbs.	907 kg.
Tower Truss:	12" Box	30,5 cm. Box Truss





## 15" Tower

Eurotruss plated support tower systems are integral to the Eurotruss Plated Truss Series 12" and 20.5" Box Truss. Eurotruss offers two kind of support towers including our 15" tower. Which is capable of supporting over 4000 lbs to a maximum height of 40 feet in a 4 tower configuration and therefore ideal for lifting heavy pre-rigged trusses and roof trusses.

Ground support towers will provide the necessary equipment to support a truss rig in venues where the flying points are either not strong enough, or not in the right place. Our ground support systems are manufactured to accommodate the strictest demands from the entertainment industry.

### Facts

- Steel bases on wheels with integrated long or short outriggers
- Each base comes with 8 adjustable pads to level the tower
- The hinge section uses our popular hinge set which is a tried and true method for tower assembly.
- The top section rollers are made from high density materials
- A tower erecting system is available for the plated versions of our towers.

### Specifications 15" Tower

	<b>Imperial</b>	<b>Metric</b>
Max. Height:	40 ft.	12,2 mtr.
Max Loading:	4.000 lbs.	1814 kg.
Tower Truss:	15" Box	81,1 cm. Box Truss



# Corners

Eurotruss offers a full range of standard fixed corners, corner blocks and book corners. Using these corners with straight or curved truss gives you endless variety of configuration options. The corners are all designed to have matching dimensions, carry an angle range from 45 to 135 degree and are available from 2-way to 6-way directions and the book corners even a variable angle range from 0 to a 180 degree.













Your creative idea is made possible with  
our high quality produced corners



## Corners to construct endless configurations

For a broad range of the Eurotruss structures series we have fixed, box and book corners available. These corners make it possible to construct your desired structure and making your project possible. Give your creativity some space because these corners makes it possible to create endless possibilities!

### Fixed Corners

We carry a standard range of fixed corners for all the conical, spigoted and plated truss series. These fixed corners are special designed by our engineering department and are available from 45 to 135 degrees and go from two till six way corner variations.

Next to the standard fixed corners which are shown in this catalogue we can create any special corner in any angle or combination of system. Please contact on of our sales offices or a Eurotruss preferred partner for more information.

### Book Corners

Available for the majority of our Truss Series is the Book Corner. This product gives you the possibility to create any desired angle of your choice within a range from 0 to 180 degrees. The book corner is not able to carry loads and it should not be used as a structural piece in your construction.

### Corners Blocks

The Eurotruss Corner Blocks enables the creation of 2,3 4 and some even 6 way corners matching uniformly with the standard fix corners by using the female screw on receivers (BOB's) or when using only corner blocks than using the economic steel 1-2 connector (BLK/SCON/ST') is adequate.

The Eurotruss Series which only have corner blocks have a 2,3 and 4 way corners matching uniformly with the sleeve blocks of the ground support towers. The attachments are bolted to the corner block by using female receivers (BOB's).

The corner block can be used in all configurations of 90 degree angles which makes it a handy and cost efficient product. The corner blocks are designed to be very rigid and therefore capable of taking 100% of the applied load in a vertical or horizontal direction.



# Fixed Corners - Corner Blocks - Book Corners

## Available corners per Truss serie

### Conical Truss Serie

	Fixed Corners	Corner Blocks	Book Corners	Comments
<b>Multi Truss</b>				
HD22	No	Yes	No	
FD/HD32	Yes	Yes	No	
FD/HD33	Yes	Yes	Yes	
FD/HD34	Yes	Yes	Yes	
HD44	Yes	Yes	Yes	
<b>Heavy Truss</b>				
XD	Yes	Yes	Yes	
FT50	Yes	No	No	
ST	No	Yes	Yes	
<b>Pre Rig Truss</b>				
XTS	No	Yes	Yes*	*Custom on request
TT/TTU/TTS	No	Yes	Yes*	*Custom on request
<b>Touring Truss</b>				
PRT	No	No	Yes*	*Hinge solution
CWT	No	No	Yes*	*Hinge solution

### Spigoted Truss Serie

	Fixed Corners	Corner Blocks	Book Corners	Comments
Mini Beam	Yes	No	Yes	
GS	Yes	No	Yes	

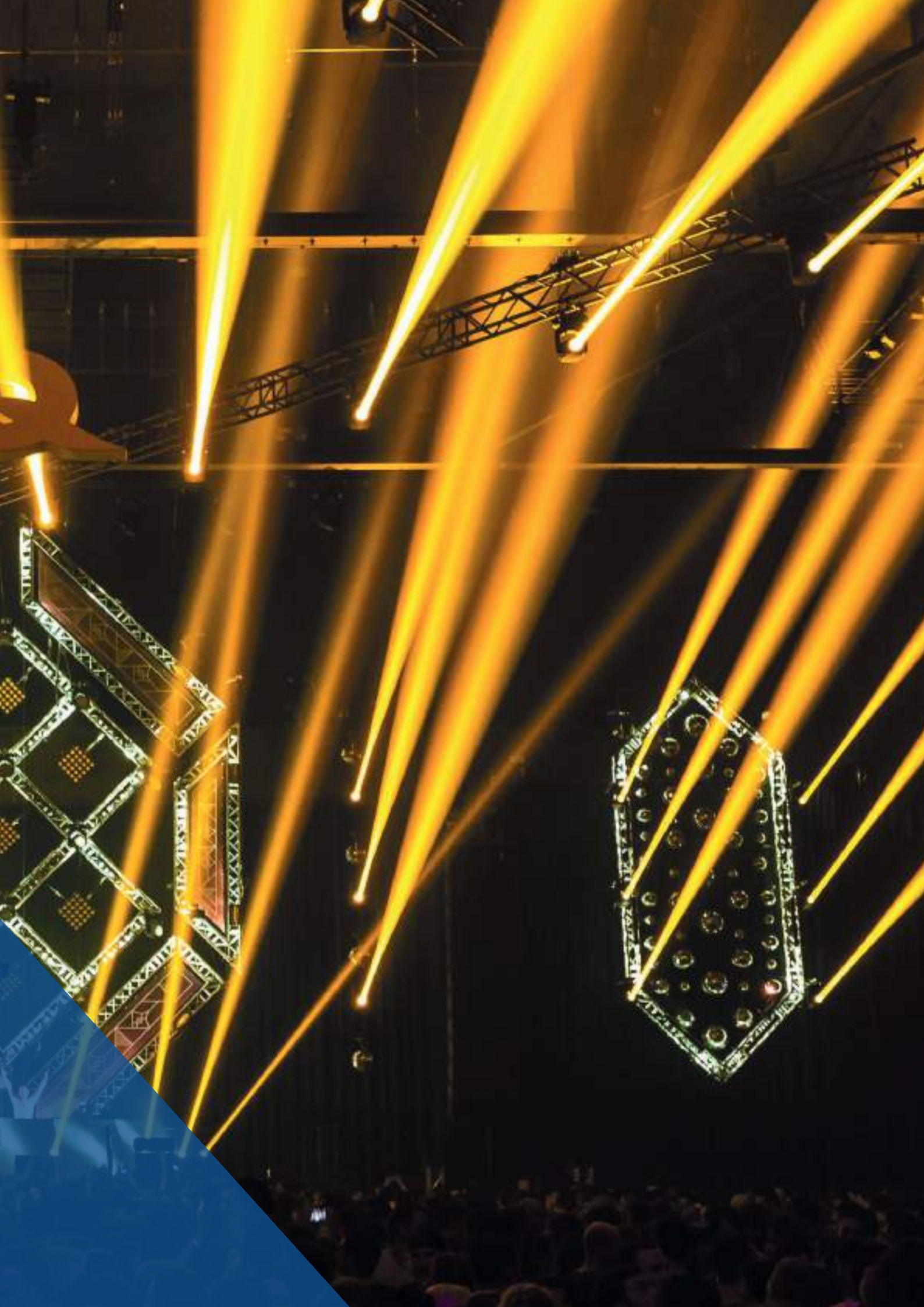
### Plated Truss Serie

	Fixed Corners	Corner Blocks	Book Corners	Comments
12" Box	Yes	No	Yes*	*Custom on request
12x18" Rectangular	Yes	No	Yes*	*Custom on request
20,5" Box	Yes	No	Yes*	*Custom on request



# Fixed Corners



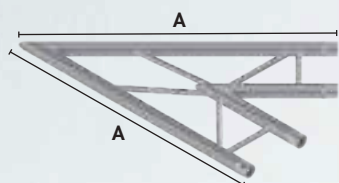


# Conical Truss FD/HD32 Fixed Corners Horizontal

## FD/HD32 FIXED CORNERS

The HD32 / FD32 series allow a wide variety of structural shapes in one level by using corners, cross-pieces and tees. Optically and statically adapted to fit the straight elements. The HD32 / FD32 System is suitable for using horizontally and vertically. The load capacity is identical.

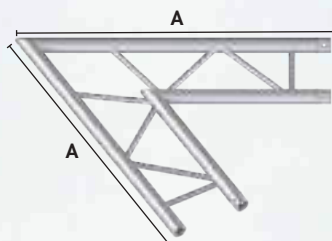
### 2-WAY Corners



#### 2 WAY HORIZONTAL CORNER 45°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39.4 in.	-	-

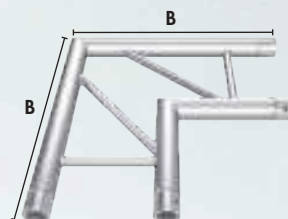
productcode: FD/HD32 L45/H



#### 2 WAY HORIZONTAL CORNER 60°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39.4 in.	-	-

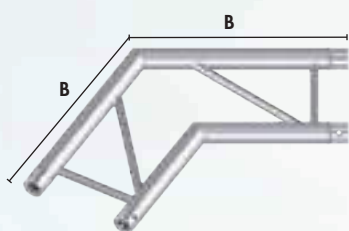
productcode: FD/HD32 L60/H



#### 2 WAY HORIZONTAL CORNER 90°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

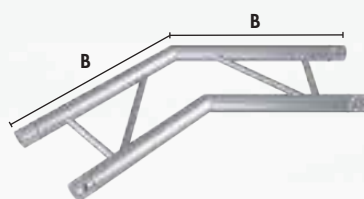
productcode: FD/HD32 L90/H



#### 2 WAY HORIZONTAL CORNER 120°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 L120/H

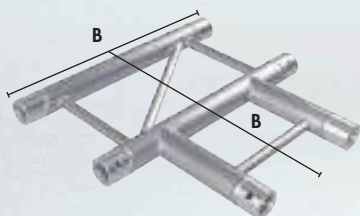


#### 2 WAY HORIZONTAL CORNER 135°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 L135/H

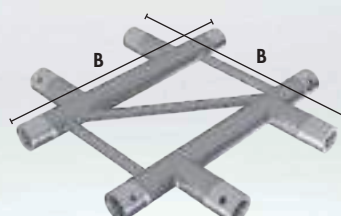
### 3-WAY & 4-WAY Corners



#### 3 WAY HORIZONTAL T-PIECE

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 T/H



#### 4 WAY HORIZONTAL X-PIECE

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 X/H

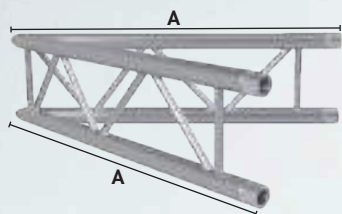


# Conical Truss FD/HD32 Fixed Corners Vertical

## FD/HD32 FIXED CORNERS

The HD32 / FD32 series allow a wide variety of structural shapes in one level by using corners, cross-pieces and tees. Optically and statically adapted to fit the straight elements. The HD32 / FD32 System is suitable for using horizontally and vertically. The load capacity is identical.

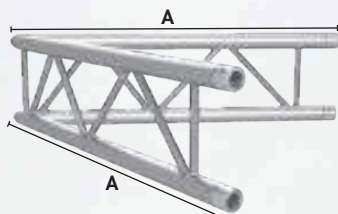
### 2-WAY Corners



#### 2 WAY VERTICAL CORNER 45°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39.4 in.	-	-

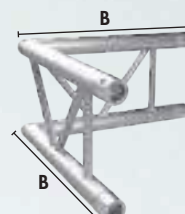
productcode: FD/HD32 L45/V



#### 2 WAY VERTICAL CORNER 60°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39.4 in.	-	-

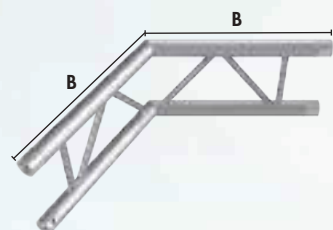
productcode: FD/HD32 L60/V



#### 2 WAY VERTICAL CORNER 90°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

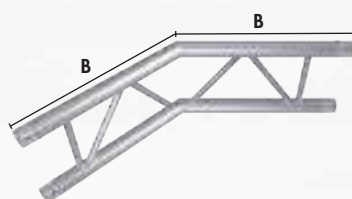
productcode: FD/HD32 L90/V



#### 2 WAY VERTICAL CORNER 120°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 L120/V

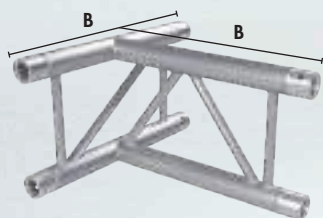


#### 2 WAY VERTICAL CORNER 135°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 L135/V

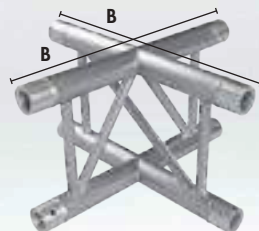
### 3-WAY & 4-WAY Corners



#### 3 WAY VERTICAL T-PIECE

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD32 T/V



#### 4 WAY VERTICAL X-PIECE

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

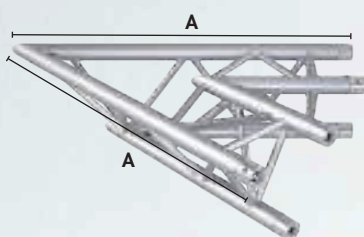
productcode: FD/HD32 X/V

# Conical Truss FD/HD33 Fixed Corners

## FD/HD33 FIXED CORNERS

The HD33 / FD33 series allow a wide variety of structural shapes in up to three levels by using corners, cross-pieces and tees (all available with down and up attachments) Permitting almost limitless possibilities for the realization of creative ideas. Optically and statically adapted to fit the straight elements.

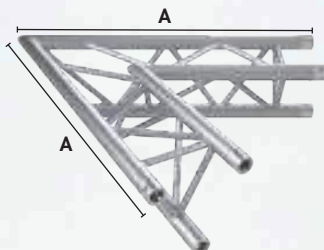
### 2-WAY Corners



#### 2 WAY CORNER 45°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39,4 in.	-	-

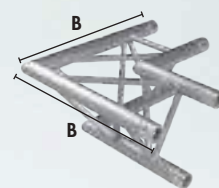
productcode: FD/HD33-L45



#### 2 WAY CORNER 60°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39,4 in.	-	-

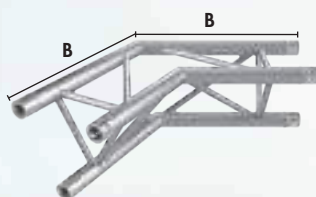
productcode: FD/HD33-L60



#### 2 WAY CORNER 90°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19,7 in.	-

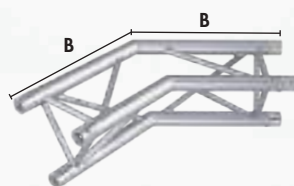
productcode: FD/HD33-L90



#### 2 WAY CORNER 120°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19,7 in.	-

productcode: FD/HD33-L120

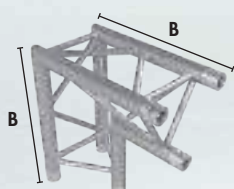


#### 2 WAY CORNER 135°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19,7 in.	-

productcode: FD/HD33-L135

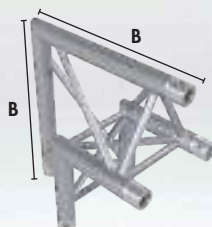
### 2-WAY Corners



#### 2 WAY CORNER 90° TWO TUBES UP

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19,7 in.	-

productcode: FD/HD33-U90



#### 2 WAY CORNER 90° TWO TUBES DOWN

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19,7 in.	-

productcode: FD/HD33-D90

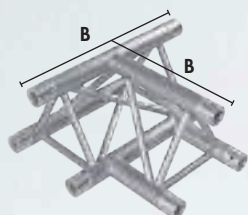


# Conical Truss FD/HD33 Fixed Corners

## FD/HD33 FIXED CORNERS

The HD33 / FD33 series allow a wide variety of structural shapes in up to three levels by using corners, cross-pieces and tees (all available with down and up attachments) Permitting almost limitless possibilities for the realization of creative ideas. Optically and statically adapted to fit the straight elements.

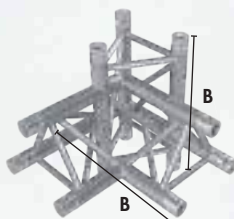
### 3-WAY & 4-WAY Corners



**3 WAY T-PIECE**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

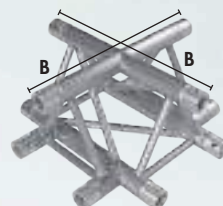
productcode: FD/HD33-T



**4 WAY CORNER 90° UP & DOWN RIGHT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

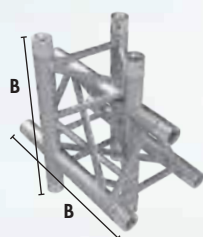
productcode: FD/HD33-LDU/R



**4 WAY CORNER X-PIECE**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

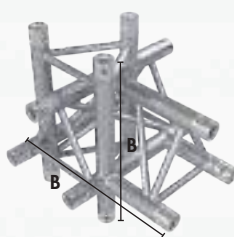
productcode: FD/HD33-X



**4 WAY CORNER UP & DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-050UD

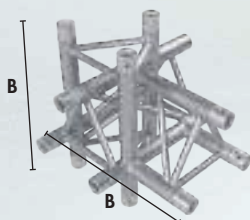


**4 WAY CORNER 90° UP & DOWN LEFT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-LDU/L

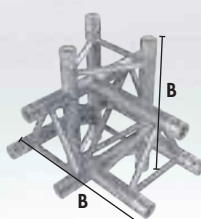
### 5-WAY & 6-WAY Corners



**5 WAY T-PIECE + UP & DOWN LEFT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

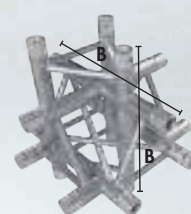
productcode: FD/HD33-TDU/L



**5 WAY T-PIECE + UP & DOWN RIGHT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-TDU/R



**6 WAY X-PIECE + UP & DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

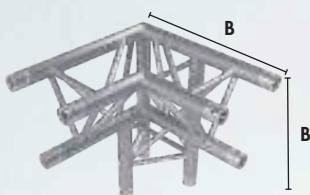
productcode: FD/HD33-XUD

# Conical Truss FD/HD33 Fixed Corners - Two Tubes Up

## FD/HD33 FIXED CORNERS - TWO TUBES UP

The HD33 / FD33 series allow a wide variety of structural shapes in up to three levels by using corners, cross-pieces and tees (all available with down and up attachments) Permitting almost limitless possibilities for the realization of creative ideas. Optically and statically adapted to fit the straight elements.

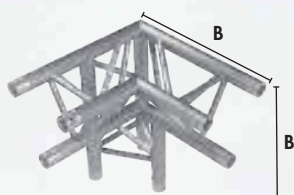
### 3-WAY Corners



**3 WAY CORNER 90° + DOWN LEFT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

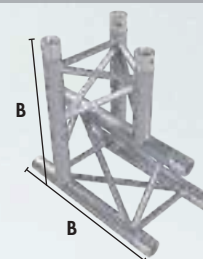
productcode: FD/HD33-LU/L



**3 WAY CORNER 90° + DOWN RIGHT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-LU/R

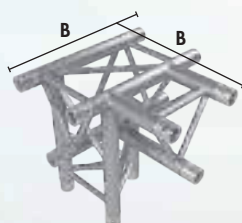


**3 WAY 50CM WITH UP**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-050U

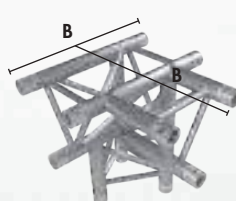
### 4-WAY & 5-WAY Corners



**4 WAY CORNER T-PIECE + DOWN RIGHT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

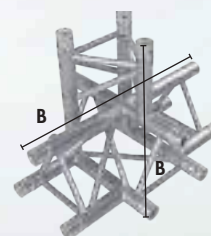
productcode: FD/HD33-X-TU/R



**4 WAY CORNER T-PIECE + DOWN LEFT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-TU/L



**5 WAY X-PIECE WITH UP**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-XU

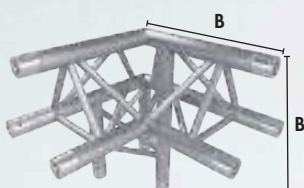


# Conical Truss FD/HD33 Fixed Corners - Two Tubes Down

## FD/HD33 FIXED CORNERS - TWO TUBES DOWN

The HD33 / FD33 series allow a wide variety of structural shapes in up to three levels by using corners, cross-pieces and tees (all available with down and up attachments) Permitting almost limitless possibilities for the realization of creative ideas. Optically and statically adapted to fit the straight elements.

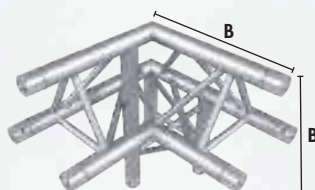
### 3-WAY Corners



**3 WAY CORNER 90° + DOWN LEFT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

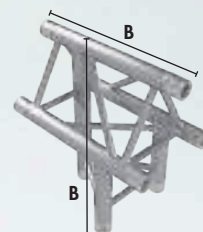
productcode: FD/HD33-LD/L



**3 WAY CORNER 90° + DOWN RIGHT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-LD/R

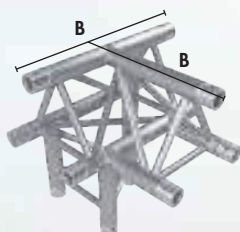


**3 WAY 50CM WITH DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-050D

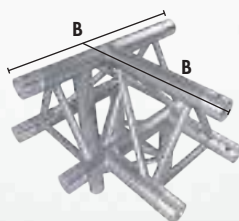
### 4-WAY & 5-WAY Corners



**4 WAY CORNER T-PIECE + DOWN LEFT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

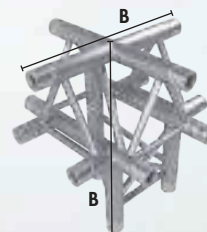
productcode: FD/HD33-TD/L



**4 WAY CORNER T-PIECE + DOWN RIGHT**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD33-X-TD/R



**5 WAY CORNER X-PIECE + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

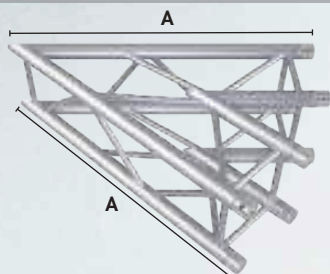
productcode: FD/HD33-XD

# Conical Truss FD/HD34 Fixed Corners

## FD/HD34 FIXED CORNERS

These elements allow constructions in up to three levels, thus permitting almost limitless possibilities for the realization of creative ideas.

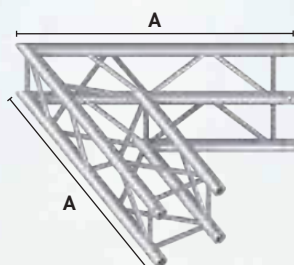
### 2-WAY Corners



#### 2 WAY CORNER 45°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39.4 in.	-	-

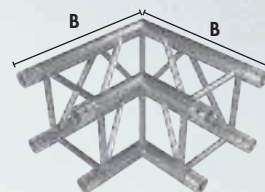
productcode: FD/HD34-L45



#### 2 WAY CORNER 60°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	39.4 in.	-	-

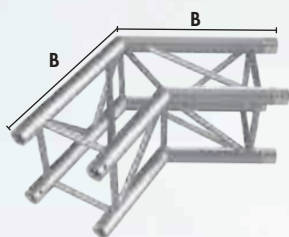
productcode: FD/HD34-L60



#### 2 WAY CORNER 90°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

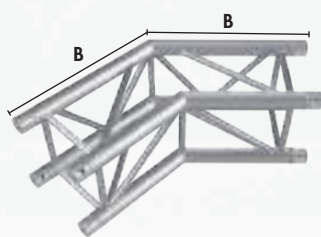
productcode: FD/HD34-L90



#### 2 WAY CORNER 120°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD34-L120



#### 2 WAY CORNER 135°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD34-L135

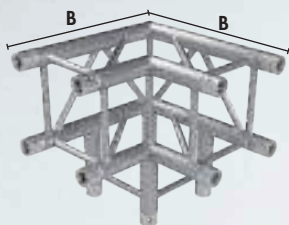


# Conical Truss FD/HD34 Fixed Corners

## FD/HD34 FIXED CORNERS

These elements allow constructions in up to three levels, thus permitting almost limitless possibilities for the realization of creative ideas.

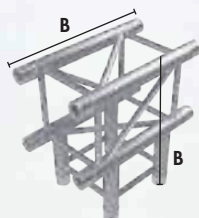
### 3-WAY Corners



**3 WAY CORNER 90° + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD34-LD

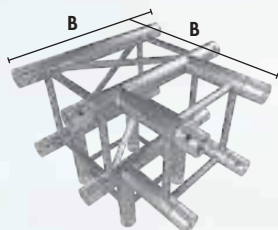


**3 WAY CORNER T-PIECE**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD34-T

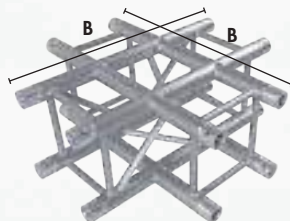
### 4-WAY & 5-WAY Corners



**4 WAY CORNER T-PIECE + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	39.4 in.	-

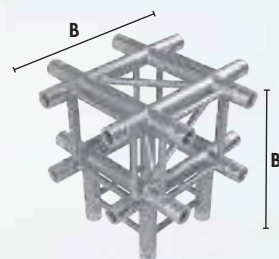
productcode: FD/HD34-TD



**4 WAY CORNER X-PIECE**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: FD/HD34-X



**5 WAY CORNER X-PIECE + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

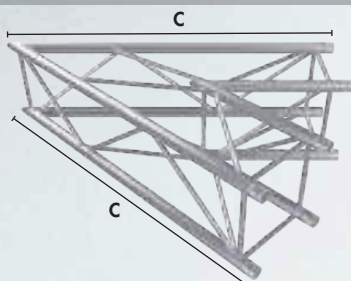
productcode: FD/HD34-XD

# Conical Truss HD44 Fixed Corners

## HD44 FIXED CORNERS

These elements allow constructions in up to three levels, thus permitting almost limitless possibilities for the realization of creative ideas.

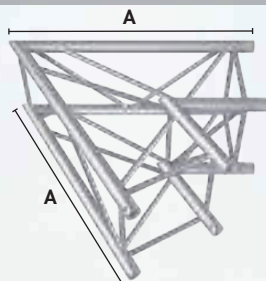
### 2-WAY Corners



#### 2 WAY CORNER 45°

Measurements	A	B	C
Metric	-	-	150 cm.
Imperial	-	-	59.0 in.

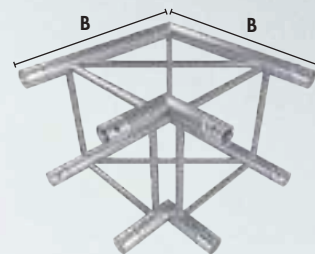
productcode: HD44-L45



#### 2 WAY CORNER 60°

Measurements	A	B	C
Metric	100 cm.	-	-
Imperial	3.4 in.	-	-

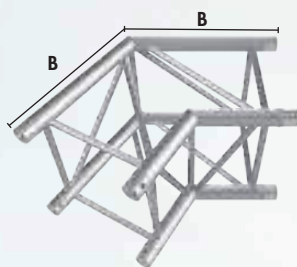
productcode: HD44-L60



#### 2 WAY CORNER 90°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

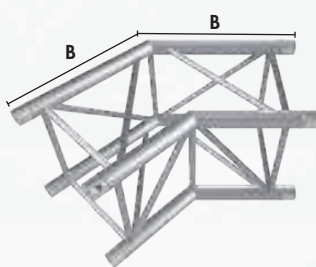
productcode: HD44-L90



#### 2 WAY CORNER 120°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: HD44-L120



#### 2 WAY CORNER 135°

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: HD44-L135

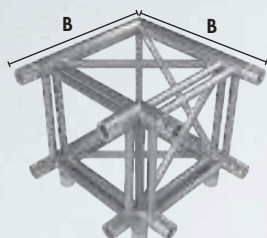


# Conical Truss HD44 Fixed Corners

## HD44 FIXED CORNERS

These elements allow constructions in up to three levels, thus permitting almost limitless possibilities for the realization of creative ideas.

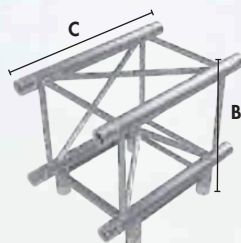
### 3-WAY Corners



**3 WAY CORNER 90° + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: HD44-LD

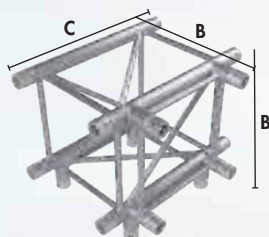


**3 WAY CORNER T-PIECE**

Measurements	A	B	C
Metric	-	50 cm.	60 cm.
Imperial	-	19.7 in.	23.6 in.

productcode: HD44-T

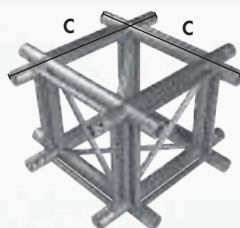
### 4-WAY & 5-WAY Corners



**4 WAY CORNER T-PIECE + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	60 cm.
Imperial	-	39.4 in.	23.6 in.

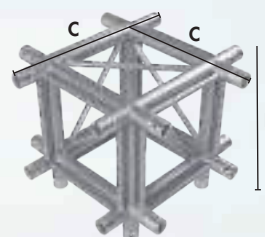
productcode: HD44-TD



**4 WAY CORNER X-PIECE**

Measurements	A	B	C
Metric	-	-	60 cm.
Imperial	-	-	23.6 in.

productcode: HD44-X



**5 WAY CORNER X-PIECE + DOWN**

Measurements	A	B	C
Metric	-	50 cm.	60 cm.
Imperial	-	19.7 in.	23.6 in.

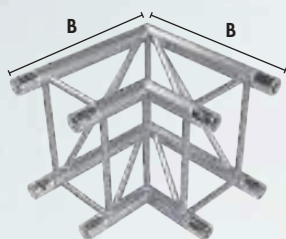
productcode: HD44-XD

# Conical Truss XD Fixed Corners

## XD FIXED CORNERS

The XD series allow a wide variety of structural shapes in up to two levels by using corners, cross-pieces and tees (all available with down and up attachments) Permitting almost limitless possibilities for the realization of creative ideas. Optically and statically adapted to fit the straight elements.

### 2-WAY Corners

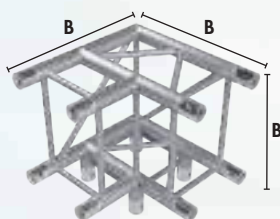


**2 WAY CORNER 90°**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

productcode: XD-L90

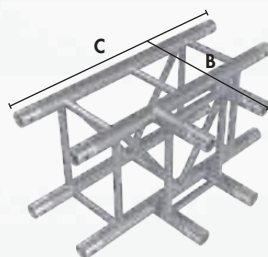
### 3-WAY Corners



**3 WAY CORNER 90° + DOWN 34**

Measurements	A	B	C
Metric	-	50 cm.	-
Imperial	-	19.7 in.	-

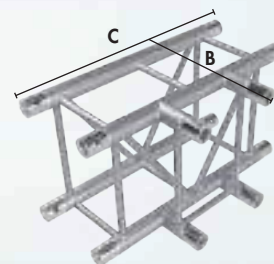
productcode: XD-LD



**3 WAY CORNER T-PIECE**

Measurements	A	B	C
Metric	-	50 cm.	71 cm.
Imperial	-	19.7 in.	27.9 in.

productcode: XD-T

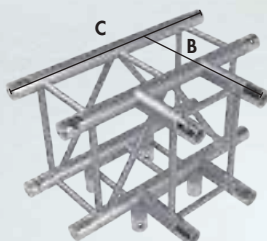


**3 WAY CORNER T-PIECE (sleeve block)**

Measurements	A	B	C
Metric	-	42 cm.	71 cm.
Imperial	-	16.5 in.	27.9 in.

productcode: XD-T1

### 4-WAY & 5-WAY Corners



**4 WAY CORNER T-PIECE + DOWN 34**

Measurements	A	B	C
Metric	-	50 cm.	71 cm.
Imperial	-	19.7 in.	27.9 in.

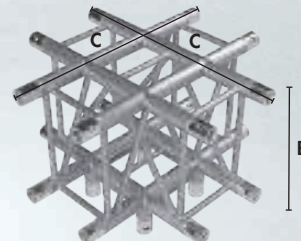
productcode: XD-TD



**4 WAY CORNER X-PIECE**

Measurements	A	B	C
Metric	-	-	71 cm.
Imperial	-	-	27.9 in.

productcode: XD-X



**5 WAY CORNER X-PIECE + DOWN 34**

Measurements	A	B	C
Metric	-	50 cm.	71 cm.
Imperial	-	19.7 in.	27.9 in.

productcode: XD-XD

\* Note that the XD system can be equipped with Horizontal or Diagonal pin position

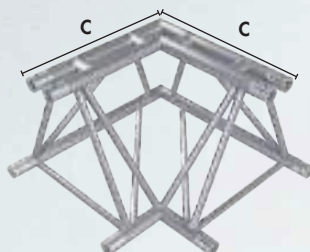


# Conical Truss FT50 Fixed Corners

## FT50 FIXED CORNERS

The FT50 structures on one level allow various structural shapes by using the special designed FT50 corner block as well as using standard corners and tees.

### 2-WAY Corners

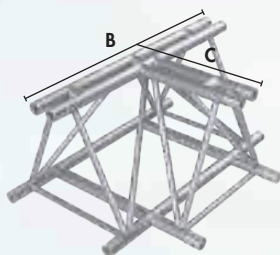


#### 2 WAY CORNER 90°

Measurements	A	B	C
Metric	-	-	78,5 cm.
Imperial	-	-	30.9 in.

productcode: FT50-L90

### 3-WAY Corners

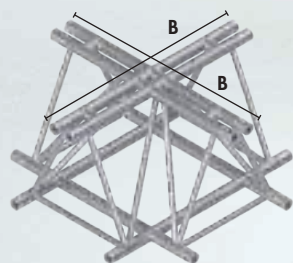


#### 3 WAY CORNER T-PIECE

Measurements	A	B	C
Metric	-	100 cm.	78,5
Imperial	-	39.4 in.	30.9

productcode: FT50-T

### 4-WAY & 5-WAY Corners



#### 4 WAY CORNER X-PIECE

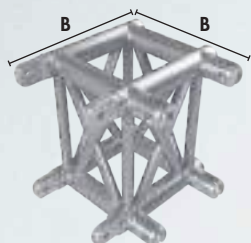
Measurements	A	B	C
Metric	-	100 cm.	-
Imperial	-	39.4 in.	-

productcode: FT50-X

# Spigoted Truss Mini Beam Corners

## SPIGOTED TRUSS MINI BEAM CORNERS

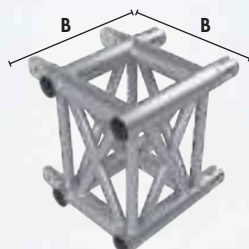
### 2-WAY Corners



**2 WAY 90° TYPE A**

Measurements	A	B	C
Metric	-	28,1 cm.	-
Imperial	-	11,1 in.	-

productcode: MB90/A

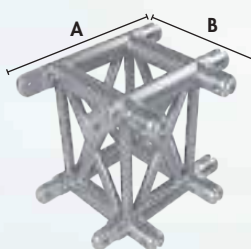


**2 WAY 90° TYPE B**

Measurements	A	B	C
Metric	-	28,1 cm.	-
Imperial	-	11,1 in.	-

productcode: MB90/B

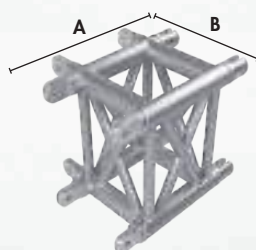
### 3-WAY Corners



**3 WAY T-JOINT TYPE A**

Measurements	A	B	C
Metric	35,5 cm.	28,1 cm.	-
Imperial	14,0 in.	11,1 in.	-

productcode: MB3W/A

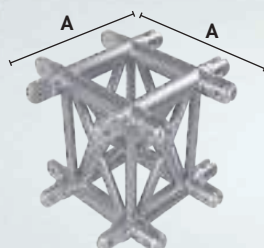


**3 WAY T-JOINT TYPE B**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	-
Imperial	14,0 in.	11,1 in.	-

productcode: MB3W/B

### 4-WAY Corners



**4 WAY X-JOINT**

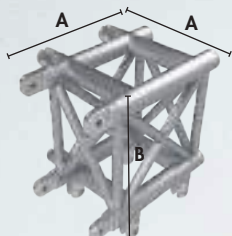
Measurements	A	B	C
Metric	35,5 cm.	-	-
Imperial	14,0 in.	-	-

productcode: MB4W



## SPIGOTED TRUSS MINI BEAM CORNERS

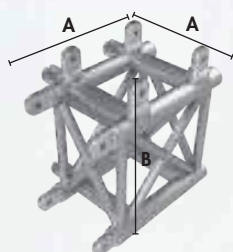
### 2-WAY Corners



**2 WAY 90° TYPE A + FEMALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	-
Imperial	14.0 in.	14.7 in.	-

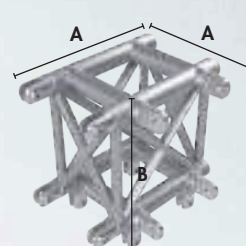
productcode: MB90/A/F



**2 WAY 90° A + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	-
Imperial	14.0 in.	14.7 in.	-

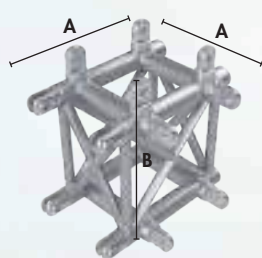
productcode: MB90/A/M



**2 WAY 90° TYPE B + FEMALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	-
Imperial	14.0 in.	14.7 in.	-

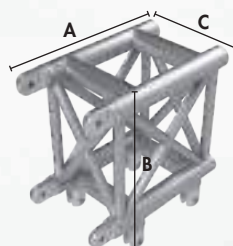
productcode: MB90/B/F



**2 WAY 90° TYPE B + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	-
Imperial	14.0 in.	14.7 in.	-

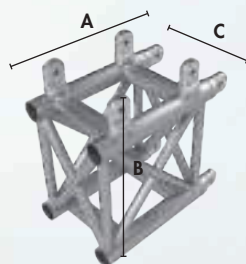
productcode: MB90/B/M



**2 WAY GOAL POST TYPE A + FEMALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	20,7 cm.
Imperial	14.0 in.	14.7 in.	8,1 in.

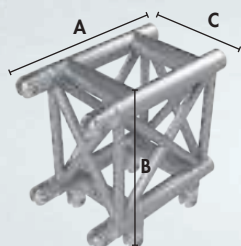
productcode: MB90/HV/A/F



**2 WAY GOAL POST TYPE A + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	20,7 cm.
Imperial	14.0 in.	14.7 in.	8,1 in.

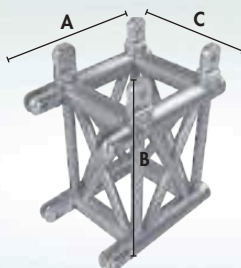
productcode: MB90/HV/A/M



**2 WAY GOAL POST TYPE B + FEMALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	20,7 cm.
Imperial	14.0 in.	14.7 in.	8,1 in.

productcode: MB90/HV/B/F



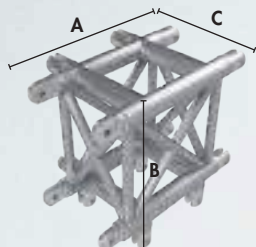
**2 WAY GOAL POST TYPE B + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	37,3 cm.	20,7 cm.
Imperial	14.0 in.	14.7 in.	8,1 in.

productcode: MB90/HV/B/M

## SPIGOTED TRUSS MINI BEAM CORNERS

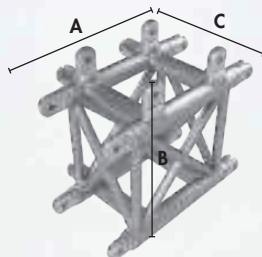
### 3-WAY Corners



**3 WAY T-JOINT TYPE A + FEMALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	28,1 cm.
Imperial	17.6 in.	14.7 in.	11.1 in.

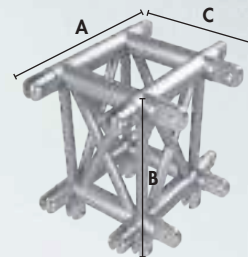
productcode: MB3W/A/F



**3 WAY T-JOINT TYPE A + MALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	28,1 cm.
Imperial	17.6 in.	14.7 in.	11.1 in.

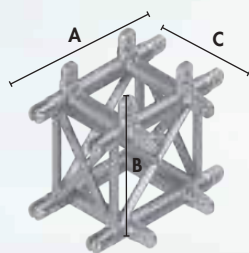
productcode: MB3W/A/M



**3 WAY T-JOINT TYPE B + FEMALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	28,1 cm.
Imperial	17.6 in.	14.7 in.	11.1 in.

productcode: MB3W/B/F



**3 WAY T-JOINT TYPE B + MALE DOWN**

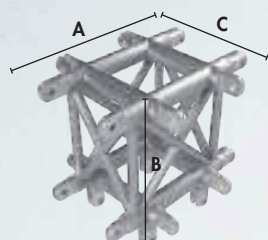
Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	28,1 cm.
Imperial	17.6 in.	14.7 in.	11.1 in.

productcode: MB3W/B/M



## SPIGOTED TRUSS MINI BEAM CORNERS

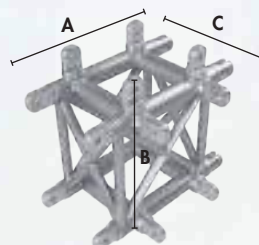
### 4-WAY Corners



**4 WAY X-JOINT TYPE A + FEMALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	35,5 cm.
Imperial	17.6 in.	14.7 in.	14.0 in.

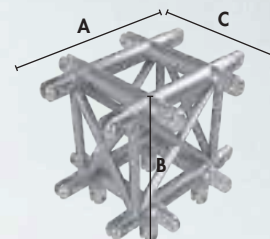
productcode: MB4W/A/F



**4 WAY X-JOINT TYPE A + MALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	35,5 cm.
Imperial	17.6 in.	14.7 in.	14.0 in.

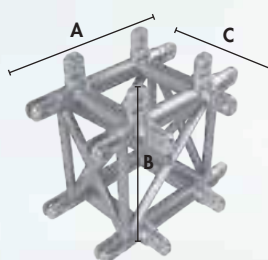
productcode: MB4W/A/M



**4 WAY X-JOINT TYPE B + FEMALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	35,5 cm.
Imperial	17.6 in.	14.7 in.	11.8 in.

productcode: MB4W/B/F



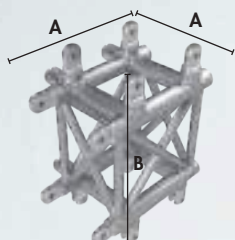
**4 WAY X-JOINT TYPE B + MALE DOWN**

Measurements	A	B	C
Metric	44,8 cm.	37,3 cm.	35,5 cm.
Imperial	17.6 in.	14.7 in.	14.0 in.

productcode: MB4W/B/M

## SPIGOTED TRUSS MINI BEAM CORNERS

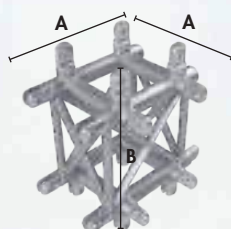
### 2-WAY Corners



**2 WAY 90° TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	44,8 cm.	-
Imperial	14.0 in.	17.6 in.	-

productcode: MB90/A/M-F

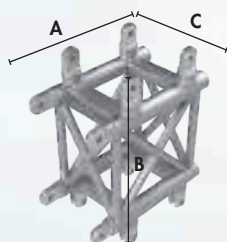


**2 WAY 90° TYPE B + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	44,8 cm.	-
Imperial	14.0 in.	17.6 in.	-

productcode: MB90/B/M-F

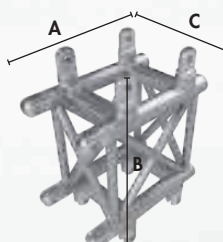
### 2-WAY Corners Goal Post



**2 WAY GOAL POST TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	44,8 cm.	20,7 cm.
Imperial	14.0 in.	17.6 in.	8,1 in.

productcode: MB90/HV/A/M-F



**2 WAY GOAL POST TYPE B + FEMALE DOWN + MALE DOWN**

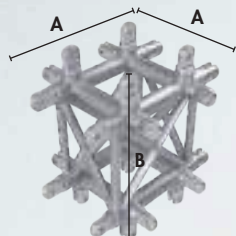
Measurements	A	B	C
Metric	35,5 cm.	44,8 cm.	20,7 cm.
Imperial	14.0 in.	17.6 in.	8,1 in.

productcode: MB90/HV/B/M-F



## SPIGOTED TRUSS MINI BEAM CORNERS

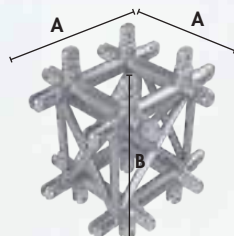
### 4-WAY Corners



**4 WAY X-JOINT TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	44,8 cm.	-
Imperial	14.0 in.	17.6 in.	-

productcode: MB4W/A/M-F

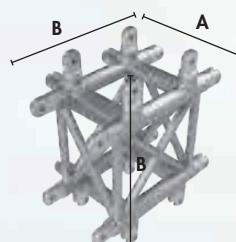


**4 WAY X-JOINT TYPE B + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	35,5 cm.	44,8 cm.	-
Imperial	14.0 in.	17.6 in.	-

productcode: MB4W/B/M-F

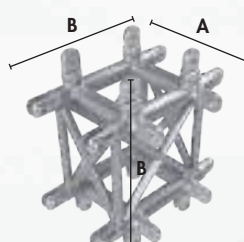
### 3-WAY Corners Goal Post



**3 WAY T-JOINT TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	28,1 cm.	44,8 cm.	-
Imperial	11.1 in.	17.6 in.	-

productcode: MB3W/A/M-F



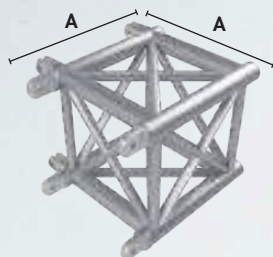
**3 WAY T-JOINT TYPE B + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	28,1 cm.	44,8 cm.	-
Imperial	11.1 in.	17.6 in.	-

productcode: MB3W/B/M-F

## SPIGOTED TRUSS GS CORNERS

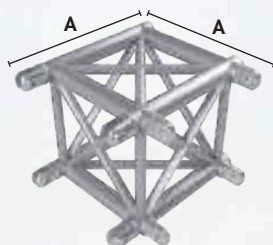
### 2-WAY Corners



**2 WAY 90° TYPE A**

Measurements	A	B	C
Metric	-	37,3 cm.	-
Imperial	-	14.7 in.	-

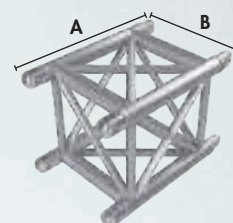
productcode: 1G90/A



**2 WAY 90° B**

Measurements	A	B	C
Metric	-	37,3 cm.	-
Imperial	-	14.7 in.	-

productcode: 1G90/B

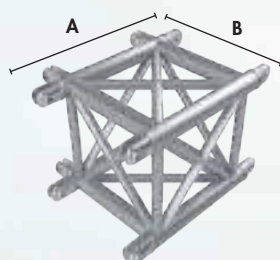


**2 WAY STRAIGHT THROUGH CORNER**

Measurements	A	B	C
Metric	44,7 cm.	-	29,9 cm.
Imperial	17.6 in.	-	11.8 in.

productcode: 1G2W

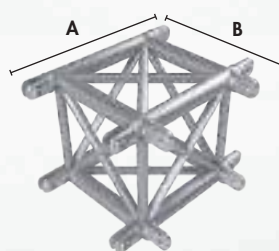
### 3-WAY Corners



**3 WAY T-JOINT TYPE A**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G3W/A

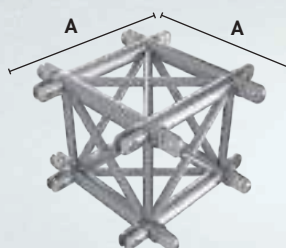


**3 WAY T-JOINT TYPE B**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G3W/B

### 4-WAY Corners



**4 WAY X-JOINT**

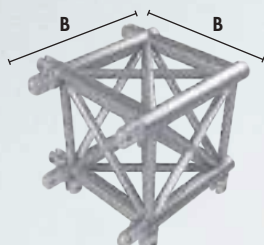
Measurements	A	B	C
Metric	44,7 cm.	-	-
Imperial	17.6 in.	-	-

productcode: 1G4W



## SPIGOTED TRUSS GS CORNERS

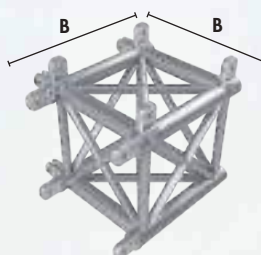
### 2-WAY Corners



**2 WAY 90° TYPE A + FEMALE DOWN**

Measurements	A	B	C
Metric	-	37,3 cm.	-
Imperial	-	14.7 in.	-

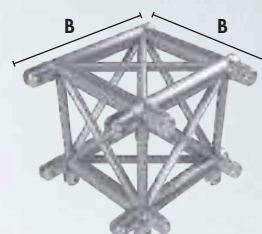
productcode: 1G90/A/F



**2 WAY 90° A + MALE DOWN**

Measurements	A	B	C
Metric	-	37,3 cm.	-
Imperial	-	14.7 in.	-

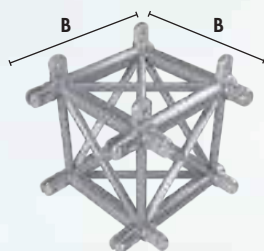
productcode: 1G90/A/M



**2 WAY 90° TYPE B + FEMALE DOWN**

Measurements	A	B	C
Metric	-	37,3 cm.	-
Imperial	-	14.7 in.	-

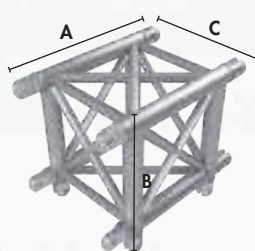
productcode: 11G90/B/F



**2 WAY 90° TYPE B + MALE DOWN**

Measurements	A	B	C
Metric	-	37,3 cm.	-
Imperial	-	14.7 in.	-

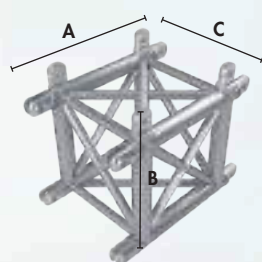
productcode: 1G90/B/M



**2 WAY STRAIGHT THROUGH CORNER + FEMALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	29,9 cm.
Imperial	17,6 in.	14.7 in.	11.8 in.

productcode: 1G2W/F



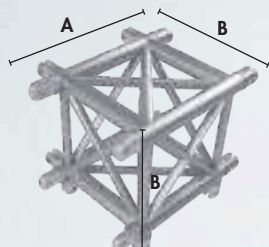
**2 WAY STRAIGHT THROUGH CORNER + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	29,9 cm.
Imperial	17,6 in.	14.7 in.	11.8 in.

productcode: 1G2W/M

## SPIGOTED TRUSS GS CORNER

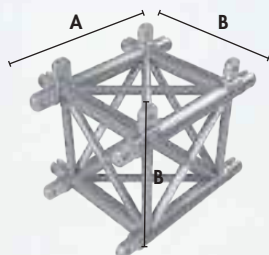
### 3-WAY Corners



**3 WAY T-JOINT TYPE A + FEMALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

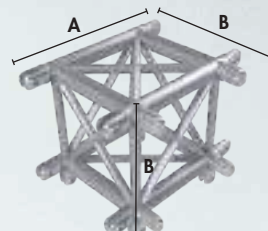
productcode: 1G3W/A/F



**3 WAY T-JOINT TYPE A + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

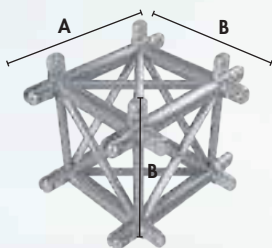
productcode: 1G3W/A/M



**3 WAY T-JOINT TYPE B + FEMALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G3W/B/F

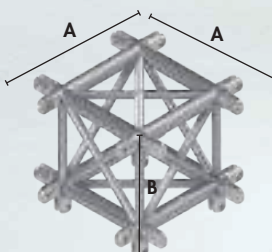


**3 WAY T-JOINT TYPE B + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G3W/B/M

### 4-WAY Corners



**4 WAY X-JOINT TYPE A + FEMALE DOWN**

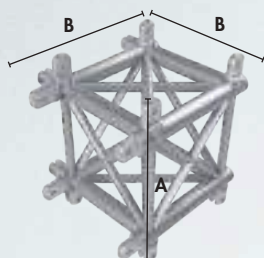
Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G4W/A/F



## SPIGOTED TRUSS GS CORNERS

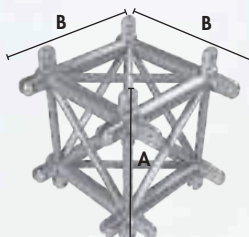
### 2-WAY Corners



**2 WAY 90° TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

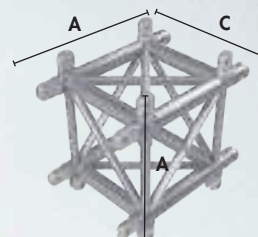
productcode: 1G90/A/M-F



**2 WAY 90° TYPE B + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G90/B/M-F

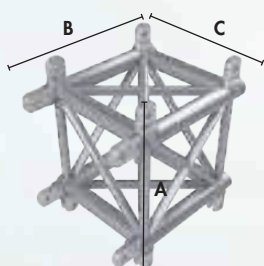


**2 WAY STRAIGHT THROUGH CORNER + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	-	29,9 cm.
Imperial	17.6 in.	-	11.8 in.

productcode: 1G2W/M-F

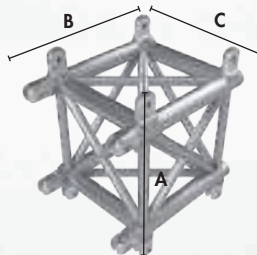
### 2-WAY Corners Goal Post



**2 WAY GOAL POST TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	29,9 cm.
Imperial	17.6 in.	14.7 in.	11.8 in.

productcode: 1G90/HV/A/M-F

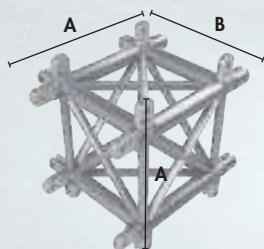


**2 WAY GOAL POST TYPE B + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	29,9 cm.
Imperial	17.6 in.	14.7 in.	11.8 in.

productcode: 1G90/HV/B/M-F

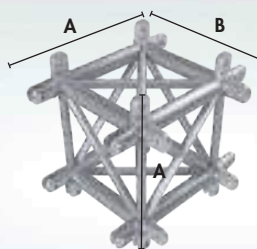
### 3-WAY Corners



**3 WAY T-JOINT TYPE A + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G3W/A/M-F



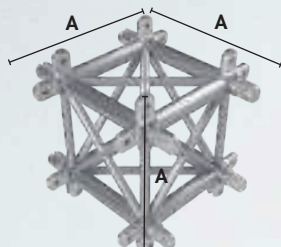
**3 WAY T-JOINT TYPE B + FEMALE DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	37,3 cm.	-
Imperial	17.6 in.	14.7 in.	-

productcode: 1G3W/B/M-F

## SPIGOTED TRUSS GS CORNERS

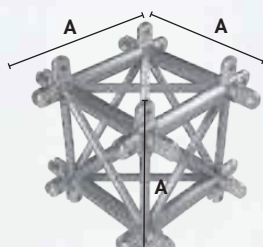
### 4-WAY Corners - Three Levels



**4 WAY X-JOINT TYPE A + FEMALE  
DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	-	-
Imperial	17.6 in.	-	-

productcode: 1G4W/A/M-F



**4 WAY X-JOINT TYPE B + FEMALE  
DOWN + MALE DOWN**

Measurements	A	B	C
Metric	44,7 cm.	-	-
Imperial	17.6 in.	-	-

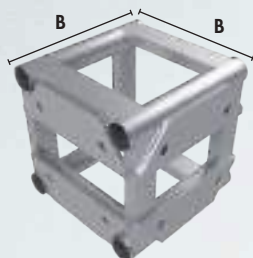
productcode: 1G4W/B/M-F



# Plated Truss 12x12" Corners

## PLATED 12x12" CORNERS

### 2-WAY Corners

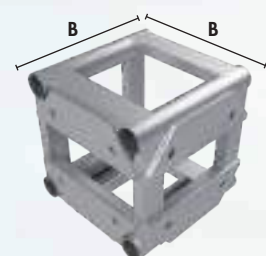


**2 WAY CORNER 90°**

Measurements	A	B	C
Metric	-	30,5 cm.	-
Imperial	-	12.0 in.	-

productcode: E12CB2

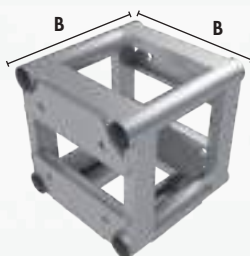
### 4-WAY & 5-WAY Corners



**3 WAY CORNER 90° + DOWN**

Measurements	A	B	C
Metric	-	30,5 cm.	-
Imperial	-	12.0 in.	-

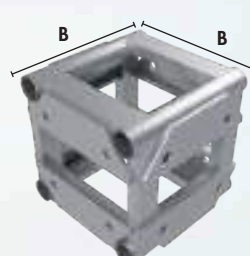
productcode: E12CB3L



**3 WAY CORNER T-PIECE**

Measurements	A	B	C
Metric	-	30,5 cm.	-
Imperial	-	12.0 in.	-

productcode: E12CB3T

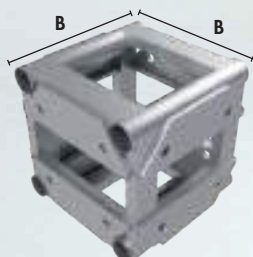


**4 WAY CORNER X-PIECE**

Measurements	A	B	C
Metric	-	30,5 cm.	-
Imperial	-	12.0 in.	-

productcode: E12CB4

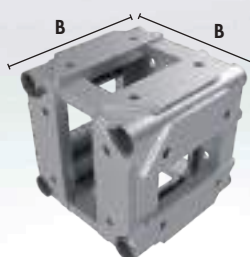
### 5-WAY & 6-WAY Corners



**5 WAY CORNER**

Measurements	A	B	C
Metric	-	30,5 cm.	-
Imperial	-	12.0 in.	-

productcode: E12CB5



**6 WAY CORNER**

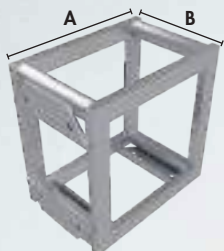
Measurements	A	B	C
Metric	-	30,5 cm.	-
Imperial	-	12.0 in.	-

productcode: E12CB6

# Plated Truss 12x18" Corners

## PLATED 12x18' CORNERS

### 2-WAY Corners

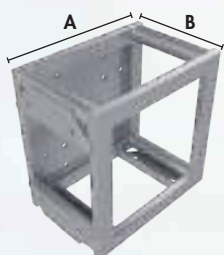


#### 2 WAY CORNER 90°

Measurements	A	B	C
Metric	45.7 cm.	30.5 cm.	-
Imperial	18.0 in.	12.0 in.	-

productcode: E1812CB2

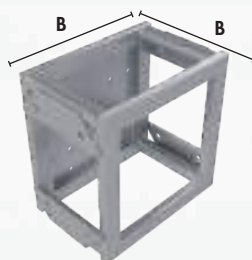
### 4-WAY & 5-WAY Corners



#### 3 WAY CORNER 90° + DOWN

Measurements	A	B	C
Metric	45.7 cm.	30.5 cm.	-
Imperial	18.0 in.	12.0 in.	-

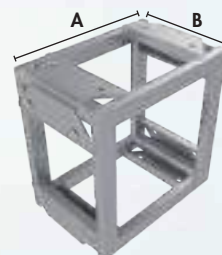
productcode: E1812CB3L



#### 3 WAY CORNER T-PIECE

Measurements	A	B	C
Metric	45.7 cm.	30.5 cm.	-
Imperial	18.0 in.	12.0 in.	-

productcode: E1812CB3T

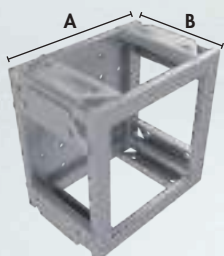


#### 4 WAY CORNER X-PIECE

Measurements	A	B	C
Metric	45.7 cm.	30.5 cm.	-
Imperial	18.0 in.	12.0 in.	-

productcode: E1812CB4

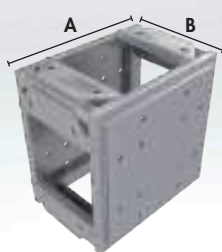
### 5-WAY & 6-WAY Corners



#### 5 WAY CORNER

Measurements	A	B	C
Metric	45.7 cm.	30.5 cm.	-
Imperial	18.0 in.	12.0 in.	-

productcode: E1812CB5



#### 6 WAY CORNER

Measurements	A	B	C
Metric	45.7 cm.	30.5 cm.	-
Imperial	18.0 in.	20.5 in.	-

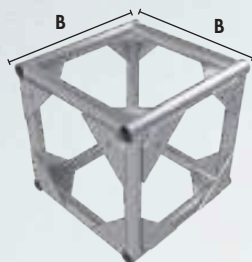
productcode: E1812CB6



# Plated Truss 20,5x20,5" Corners

## PLATED 20,5x20,5' CORNERS

### 2-WAY Corners

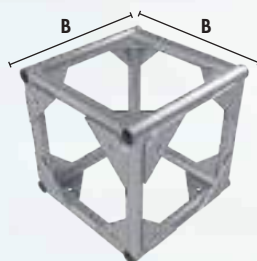


#### 2 WAY CORNER 90°

Measurements	A	B	C
Metric	-	52,1 cm.	-
Imperial	-	20.5 in	-

productcode: E20.5CB2

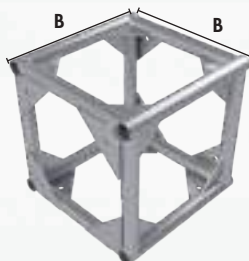
### 3-WAY & 4-WAY Corners



#### 3 WAY CORNER 90° + DOWN

Measurements	A	B	C
Metric	-	52,1 cm.	-
Imperial	-	20.5 in	-

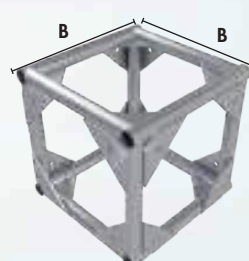
productcode: E20.5CB3L



#### 3 WAY CORNER T-PIECE

Measurements	A	B	C
Metric	-	52,1 cm.	-
Imperial	-	20.5 in	-

productcode: E20.5CB3T

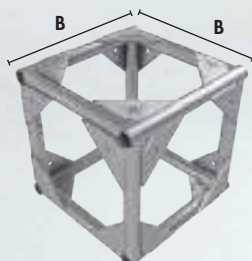


#### 4 WAY CORNER X-PIECE

Measurements	A	B	C
Metric	-	52,1 cm.	-
Imperial	-	20.5 in	-

productcode: E20.5CB4

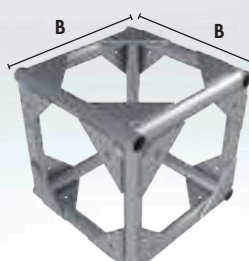
### 5-WAY & 6-WAY Corners



#### 5 WAY CORNER

Measurements	A	B	C
Metric	-	52,1 cm.	-
Imperial	-	20.5 in	-

productcode: E20.5CB5



#### 6 WAY CORNER

Measurements	A	B	C
Metric	-	52,1 cm.	-
Imperial	-	20.5 in	-

productcode: E20.5CB6

\* to fit sleeve plates for 12" tower use E20.5CB6SB

# Corner Blocks







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# Conical Truss Corner Blocks

## CORNER BLOCKS

The Eurotruss corner blocks enables the creation of 2, 3, 4 way corners matching uniformly with the sleeve blocks of the ground supported towers. The attachments are bolted to the corner blocks by using female bold on receivers. The corner block can be used in all configurations of 90 degree angles which makes it a handy and cost efficient product.

The corner blocks are designed to be very rigid and therefore capable of taking 100% of the applied load in a vertical or horizontal direction.

## Conical Multi Truss Corner Blocks



### CORNER BLOCK HD22

Measurements	A	B	C
Metric	20,0 cm.	48,4 mm	-
Imperial	7.9 in.	1.90 in.	-
Attachments	BLK-SCON-ST		

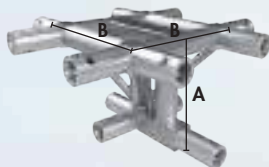
productcode: BLK-20



### CORNER BLOCK FD/HD32

Measurements	A	B	C
Metric	29 cm.	5,0 cm.	-
Imperial	11.4 in.	1.97 in.	-
Attachments	CS1-BOB105 / BLK-SCON-ST		

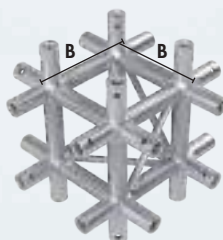
productcode: BLK-32



### CORNER BLOCK FD/HD33

Measurements	A	B	C
Metric	25,8 cm.	29,0 cm.	-
Imperial	10,1 in.	11,4 in.	-
Attachments	For attachments see below		

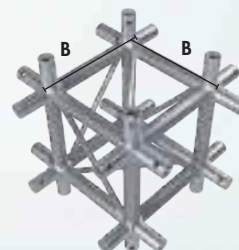
productcode: BLK-33



### CORNER BLOCK FD/HD34

Measurements	A	B	C
Metric	-	29,0 cm.	-
Imperial	-	11.4 in.	-
Attachments	For attachments see below		

productcode: BLK-34



### CORNER BLOCK HD44

Measurements	A	B	C
Metric	-	40,0 cm.	-
Imperial	-	15.7 in.	-
Attachments	CS1-BOB100 / BLK-SCON-ST		

productcode: BLK-44

## Available other attachments BLK-33 & BLK-34

### Productcode For use with BLK-33

B33-A210-AS	Adapter L210mm sideways (1 adapter p/block)
B33-A210-BS	Adapter L210mm sideways (3 adapter p/block)
B33-A242-U	Adapter L242mm for up
B33-A105-AS	Adapter L105mm sideways (1 adapter p/block)
B33-A105-BS	Adapter L105mm sideways (3 adapter p/block)

### Productcode For use with BLK-34

BLK-SCON-ST	Steel Bolt ½ Connector (4 per side)
CS1-BOB105	Bold-On Receiver L=105mm (4 per side)
CS1-BOB210	Bold-On Receiver L=210mm (4 per side)
CS1-BOBA210	Attachment incl. brace L=210mm (1 per side)
CS1-BOBA105	Attachment incl. brace L=105mm (1 per side)

\*All measurements are without BOB or SCON connectors, \*\* except the BLK-SCON-ST all other require connectors.

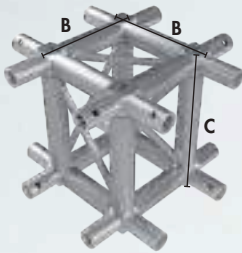


# Conical Truss Corner Blocks

## CORNER BLOCKS

The Eurotruss corner blocks enables the creation of 2, 3, 4 way corners matching uniformly with the sleeve blocks of the ground supported towers. The attachments are bolted to the corner blocks by using female bold on receivers. The corner block can be used in all configurations of 90 degree angles which makes it a handy and cost efficient product. The corner blocks are designed to be very rigid and therefore capable of taking 100% of the applied load in a vertical or horizontal direction.

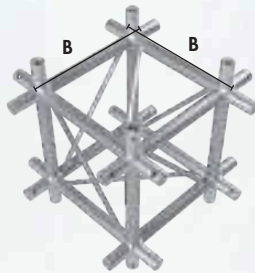
## Conical Heavy Truss & Pre Rig Truss Corner Blocks



**CORNER BLOCK XD**

Measurements	A	B	C
Metric	-	29,0 cm.	40,0 cm.
Imperial	-	11.4 in.	15.7 in.
Attachments	CS2-BOB95		

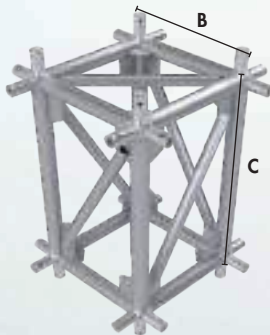
productcode: BLK-XD



**CORNER BLOCK ST**

Measurements	A	B	C
Metric	-	51,0 cm.	-
Imperial	-	20.1 in.	-
Attachments	CS3-BOB85		

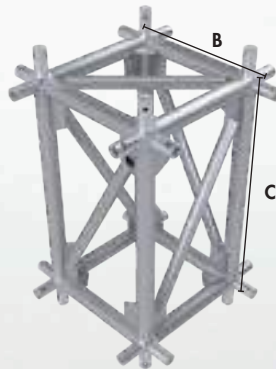
productcode: BLK-ST



**CORNER BLOCK XTS**

Measurements	A	B	C
Metric	-	58 cm.	81,0 cm.
Imperial	-	22.8 in.	31.9 in.
Attachments	CS3-BOB85		

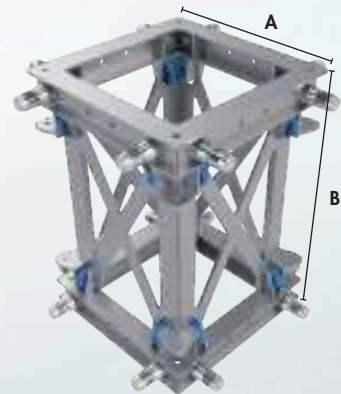
productcode: BLK-XTS



**CORNER BLOCK TT**

Measurements	A	B	C
Metric	-	58 cm.	101 cm.
Imperial	-	22.8 in.	39.8 in.
Attachments	CS3-BOB85		

productcode: BLK-TT



**CORNER BLOCK TTU/TTS**

Measurements	A	B
Metric	60/62 cm.	103/105 cm.
Imperial	23.6/24.4 in.	40.5/41.3 in.
Attachments	CS4-SCON35 / CS5-SCON35	

productcode: BLK-TTU/TTS

\* All measurements are without BOB or SCON connectors, \*\* except the BLK-SCON-ST all other require connectors.

The background image shows a motorsport event, likely the Australian Grand Prix. In the foreground, several Infiniti cars are parked on a gravel surface. Behind them is a large, dark, angular structure, possibly a pit wall or a large display. The sky is overcast with grey clouds. A large blue diagonal overlay covers the left and top portions of the image, and a small green grassy area is visible in the bottom left corner.

# Book Corners



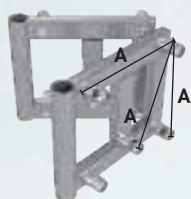


# Book Corners Conical

## Book Corners Conical

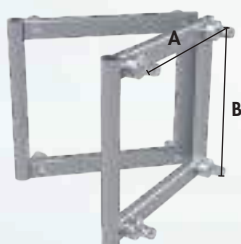
The Eurotruss book corners enables configuration with free angle flexibility. With the book corners you can make angles in a range from 0 to 180 degrees. The attachments are bolted to the corner, using male or female receivers. Book corners are not designed as a loadbearing element and therefore cannot be part of structural component, therefore a book corner must be supported on both sides of the hinge.

### Conical Truss Book Corners



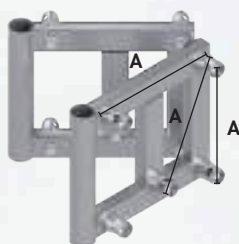
BOOK CORNER FD/HD3x series			
Measurements	A	B	C
Metric	29,0 cm.	-	-
Imperial	11.4 in.	-	-
Attachments			

productcode: BC-3X



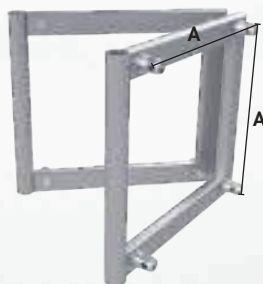
BOOK CORNER XD			
Measurements	A	B	C
Metric	29,0 cm.	40,0 cm.	-
Imperial	11.4 in.	15.7 in.	-
Attachments			

productcode: BC-XD



BOOK CORNER FD/HD4x series			
Measurements	A	B	C
Metric	40,0 cm.	-	-
Imperial	15.7 in.	-	-
Attachments			

productcode: BC-4X



BOOK CORNER ST			
Measurements	A	B	C
Metric	51,0 cm.	-	-
Imperial	20.1 in.	-	-
Attachments			

productcode: BC-ST

\*Bold on connectors need to be ordered separately

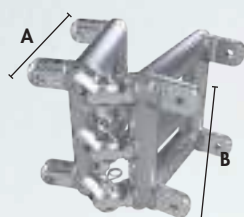


# Book Corners Spigoted

## Book Corners Spigoted

The Eurotruss book corners enables configuration with free angle flexibility. With the book corners you can make angles in a range from 0 to 180 degrees. Book corners are not designed as a loadbearing element and therefore cannot be part of structural component, therefor a book corner must be supported on both sides of the hinge.

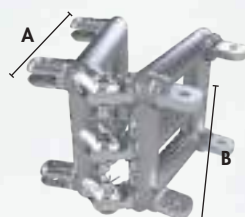
## Spigoted Truss Book Corners



**BOOK CORNER MINI BEAM HORIZONTAL**

Measurements	A	B	C
Metric	29,9 cm.	20,6 cm.	-
Imperial	11.8 in.	8.1 in.	-
Attachments			

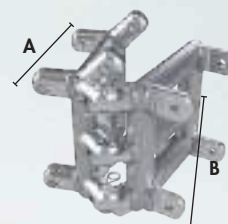
productcode: MBSH/H



**BOOK CORNER MINI BEAM VERTICAL**

Measurements	A	B	C
Metric	29,9 cm.	20,6 cm.	-
Imperial	11.8 in.	8.1 in.	-
Attachments			

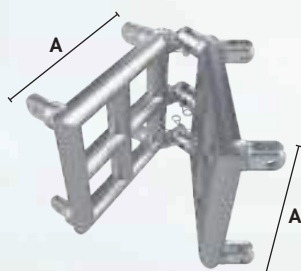
productcode: MBSH/V



**BOOK CORNER MINI BEAM HOR+VERT**

Measurements	A	B	C
Metric	29,9 cm.	20,6 cm.	-
Imperial	11.8 in.	8.1 in.	-
Attachments			

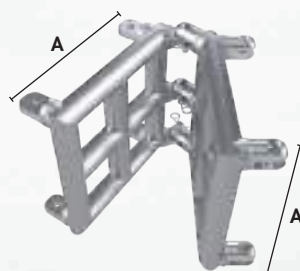
productcode: MBSH/HV



**BOOK CORNER GS HORIZONTAL**

Measurements	A	B	C
Metric	29,9 cm.	-	-
Imperial	11.8 in.	-	-
Attachments			

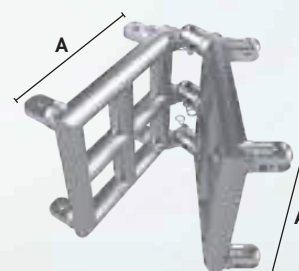
productcode: 1GSSH/H



**BOOK CORNER GS VERTICAL**

Measurements	A	B	C
Metric	29,9 cm.	-	-
Imperial	11.8 in.	-	-
Attachments			

productcode: 1GSSH/V



**BOOK CORNER GS HORIZONTAL+VERT**

Measurements	A	B	C
Metric	29,9 cm.	-	-
Imperial	11.8 in.	-	-
Attachments			

productcode: 1GSSH/H



# Circles

Curved trusses are made with full accuracy which guarantees a perfect fitting. Eurotruss offers a broad range of circles and curved trusses from the Conical, Spigoted and Plated Truss Serie.













Circles with the highest accuracy for perfect fitting, all circles are made with special tools ensuring that all parts are identical



## Circles and curved trusses

Next to all the standard lengths and the various range of corners Eurotruss manufactures 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 circle is fully interchangeable. Eurotruss offers a broad range of circles and curved trusses in various diameters and degrees.

The number of curved parts is depending on the maximum length of each segment. The maximum length per segment may not exceed 5,5m (18ft.). Eurotruss 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 needs to be calculated differently.

## Circle parts

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 mtr (18ft.). You can calculate your needed units of segments with the scheme we made on the right.

### Calculate your needed units of circle segments

$$\text{Number of segments x: } \frac{\text{Diameter x } 3,14}{5,5 \text{ meter (18 ft.)}}$$

Example: FD34 Circle with a diameter of **8 meter (26ft.)**

$$\begin{aligned} \text{Number of Segments: } & 8 \text{ mtr x } 3,14 = 25,12 \\ & 25,12 : 5,5 = 4,57 \end{aligned}$$

Minimum number of segments is: **5**

### Load Capacity of a Circle

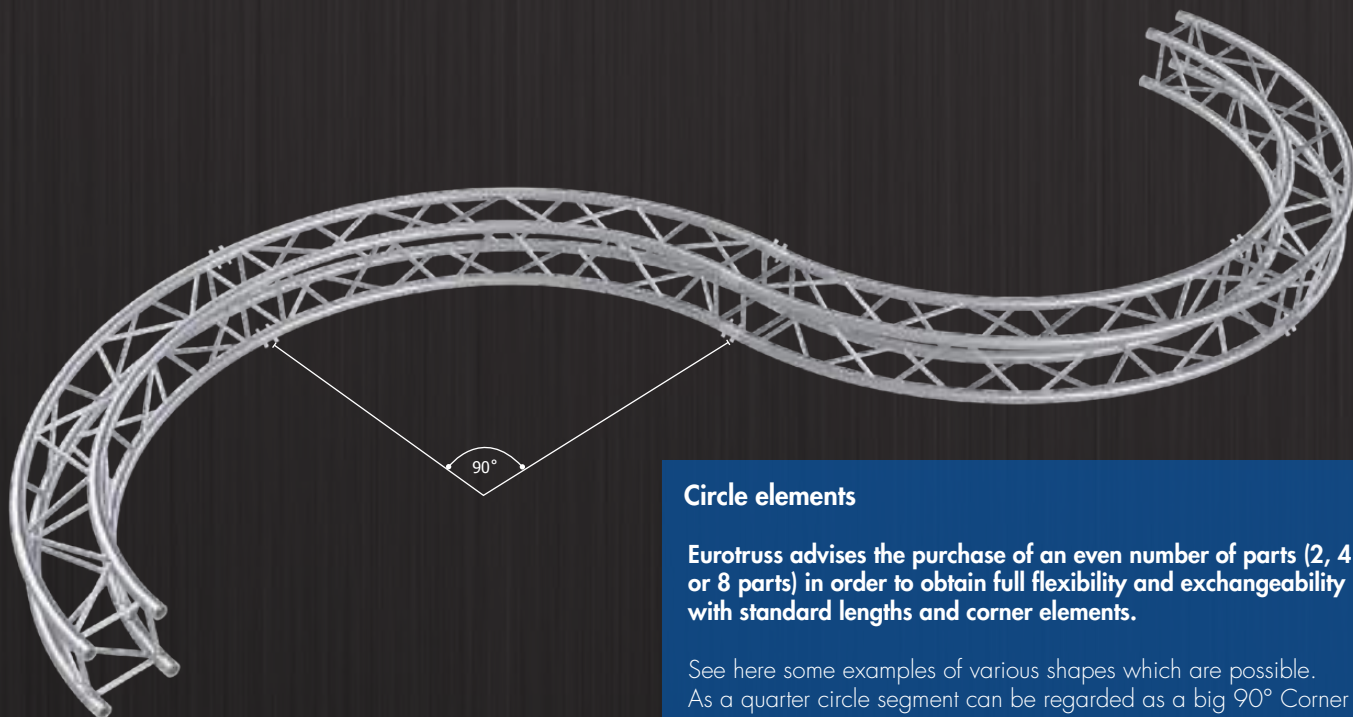
The load bearing capacity of a circle is only valid when the circle will be hung horizontally:

$$\text{Length X: } = \frac{\text{Diameter x } 3,14}{\text{Nr. of Hanging Points}}$$

$$\text{Load capacity per Hanging Point: } = \frac{\text{Div. Load in KG of Length X}}{5}$$

$$\text{Total Load Capacity: } = \text{Load Per Hanging Point} \times \text{Number of Hanging Points}$$



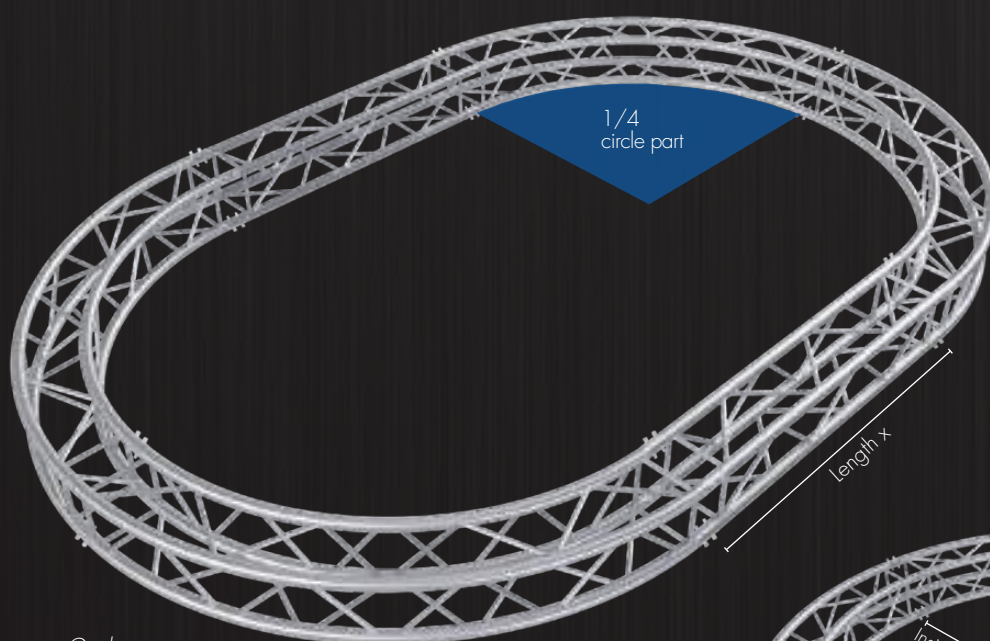


S-Shape

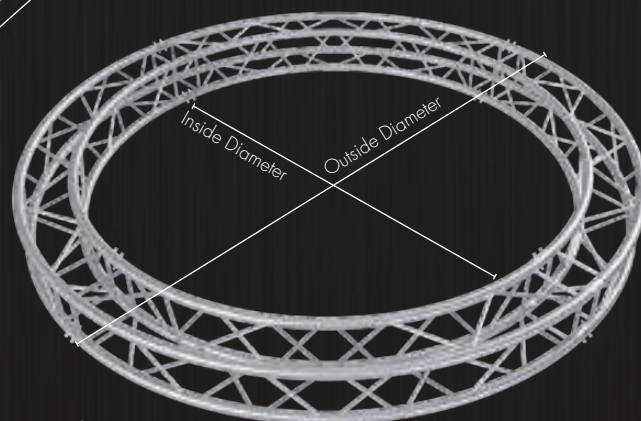
### Circle elements

**Eurotruss 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.**

See here some examples of various shapes which are possible. As a quarter circle segment can be regarded as a big 90° Corner various structure opportunities appear.



Oval



Circle





# Connection & Accessories











The secret behind strong trussing is the strong connection it needs



# Connectors and pins for CS1, CS2 and CS3 systems

## CONNECTORS AND PINS

All Eurotruss connectors are made accordingly the highest quality standard. Eurotruss only uses the aluminium quality EN AW-6082 T6 for the connectors. All Eurotruss connectors are engraved with the Eurotruss logo and name to check the originality. The Truss Pin is made of high tensile steel, 42 CrMo 4, which prevents deformation and can absorb higher loadings.

### CS1-CON (FD/HD)



#### CS1-CON Components

Productcode	Description
CS1-CON	Connector (spigot)
CS1-TP	Truss pin
CS1-TP-SH	Truss pin short version
CS1-RS2	R-Clip 2mm
CS1-TPS	Truss pin screw (for fixed installation)
CS1-TPS-SH	Truss pin screw short version
CS1-NUT	Locknut (for use on CS1-TPS)

### CS2-CON (XD)



#### CS2-CON Components

Productcode	Description
CS2-CON	Connector (spigot)
CS2-TP	Truss pin
CS2-TPS	Truss pin short version
CS3-RS3	R-Clip 3mm
CS2-TPS	Truss pin screw (for fixed installation)
CS3-NUT	Locknut (for use on CS2-TPS)

### CS3-CON (TT/XTS/ST/FT)



#### CS3-CON Components

Productcode	Description
CS3-CON	Connector (spigot)
CS3-TP	Truss pin
CS3-RS3	R-Clip 3mm
CS3-TPS	Truss pin screw (for fixed installation)
CS3-NUT	Locknut (for use on CS3-TPS)



# Connectors and pins for CS4, CS5 and Spigoted / Plated Truss

## CONNECTORS AND PINS

All Eurotruss connectors are made accordingly the highest quality standard. Eurotruss only uses the aluminium quality EN AW-6082 T6 for the connectors. All Eurotruss connectors are engraved with the Eurotruss logo and name to check the originality. The Truss Pin is made of high tensile steel, 42 CrMo 4, which prevents deformation and can absorb higher loadings.

### CS4-CON (TTU)



#### CS4-CON Components

Productcode	Description
CS4-CON	Connector (spigot)
CS4-TP	Truss pin
CS5-RS3	R-Clip 3mm
CS4-TPS	Truss pin screw (for fixed installation)
CS5-NUT	Locknut (for use on CS4-TPS)

### CS5-CON (TTS)



#### CS5-CON Components

Productcode	Description
CS5-CON	Connector (spigot)
CS5-TP	Truss pin
CS5-RS3	R-Clip 3mm
CS5-TPS	Truss pin screw (for fixed installation)
CS5-NUT	Locknut (for use on CS5-TPS)

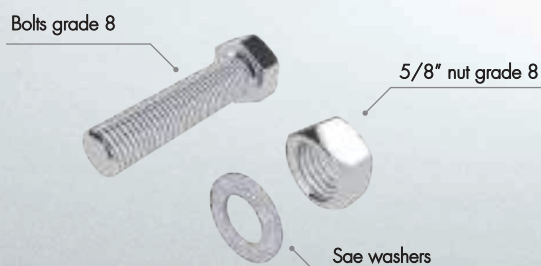
## Spigoted Connectors



#### GP+R3 Components

Productcode	Description
GP+ R3	Trusspin + R-Clip

## Plated Connectors



#### Plated Truss Connectors

Productcode	Description
EBS-1	Complete set
F5/8x2HHCSGR8Y	Bolts grade 8 with 2" length
F5/8HNGR8Y	5/8" nut grade 8
F5/8FWSAEZ	Sae washers x2.

# Bold on - Receivers & Connectors

## SPACERS

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



**FD/HD-Spacer, X = 15, 30, 50, 80mm**

productcode: CS1-CON15 / 30 / 50 / 80



**FD/HD-Adapter, X = 90 mm, 105mm**

productcode: CS1-BUS90 / 105



**XD-Spacer, 40mm**

productcode: CS2-CON40

## BOLD ON RECEIVERS

Eurotruss supplies various kinds of bold on receivers. Bold on receivers are to be used on corner blocks to make the various attachments.



**TT/XT/FT and ST-Bold on Receiver 85mm**

productcode: CS3-BOB85



**XD-Bold on Receiver 95mm**

productcode: CS2-BOB95



**FD/HD Bold on Receiver 100mm/105mm**

productcode: CS1-BOB105 (BLK-34)  
productcode: CS1-BOB100 (BLK-44)



**HD/FD Bold on Screw Steel <sup>1</sup>/<sub>2</sub> Connector**

productcode: BLK-SCON-ST

## SCONS

The screw in half connectors (Scons) in FD and XD System which are being used on all kind of plated products like totem, adapter plates, book corners and the swivel corner / base. Both Scons have a M12 Thread inside.



**HD/FD Bold on Connector M12**

productcode: CS1-SCON25



**XD Bold on Connector M12**

productcode: CS2-SCON35



**TT / XTS / ST / FT Bold on Connector M12**

productcode: CS3-SCON35



# Hanging Adapters for Truss (Gismo's)

## HANGING ADAPTERS

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



**ONE POINT HANGING ADAPTER**

*productcode: DC-PF*



**HALF COUPLER WITH TV SPIGOT**

*productcode: DC-TV*



**TRUSS ADAPTER TV, SWIVEL**

*productcode: DCTV3-PF*



*\* can also be used for 12" plated truss*

**FD/HD3X TRUSS HANGING ADAPTER**

*productcode: DCB3-PF*



**FD/HD4X TRUSS ADAPTER**

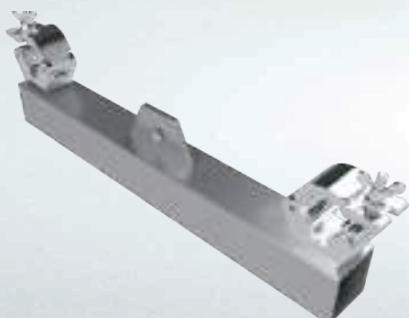
*productcode: DCB4-PF*



*\* can also be used for 12x18/20,5" plated truss*

**ST TRUSS HANGING ADAPTER**

*productcode: DCB5-PF*



**XTS TRUSS HANGING ADAPTER**

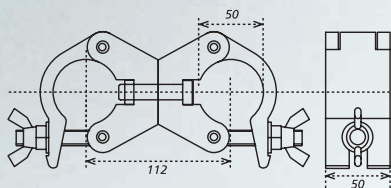
*productcode: DCB7-PF*



**TT TRUSS HANGING ADAPTER**

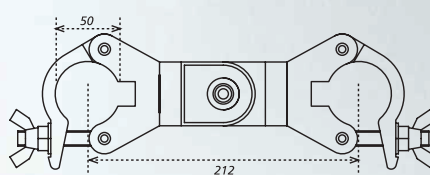
*productcode: DCB8-PF*

# Couplers for all HD/FD Systems



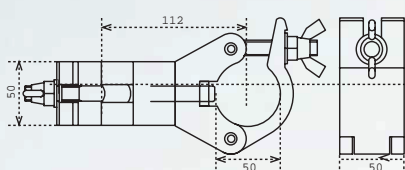
**SWIVELCOUPLER**

productcode: DC-DC



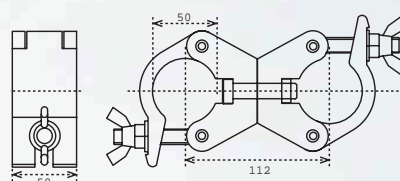
**DOUBLE SWIVELJOINT**

productcode: DCDC-TD



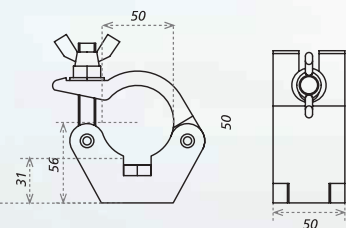
**90° FIXED JOINT**

productcode: DC-DC-F



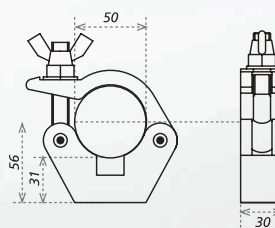
**PARALLEL COUPLER**

productcode: DC-DC-P



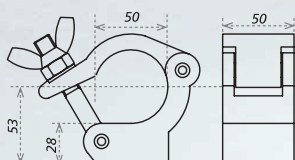
**HALFCOUPLER**

productcode: DC-HC



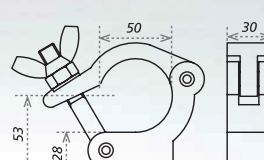
**HALFCOUPLER SLIMLINE**

productcode: DC-SC



**HALFCOUPLER SIDE ENTRY**

productcode: DC-HC-SE



**HALFCOUPLER SLIMLINE SIDE ENTRY**

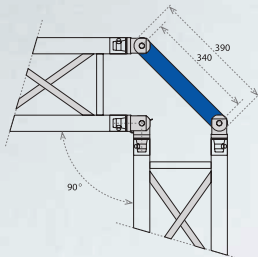
productcode: DC-SC-SE



# Hinge Connections

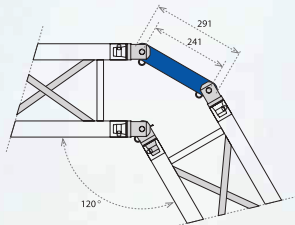
## HINGE CONNECTION FOR FD/HD SYSTEMS

The hinge sets, mainly used as hinges in towers, are also usable to make various shapes with standard lengths. With pre-fixed distance bars you can make 90 dgr., 120 dgr. and 135 dgr. corners. See the examples with distance bars below for more details. The hinge sets are available for HD/FD.



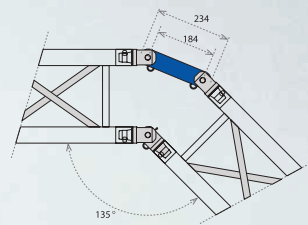
**DISTANCE BAR FOR HINGE PART 90°**

productcode: CS1-DB340



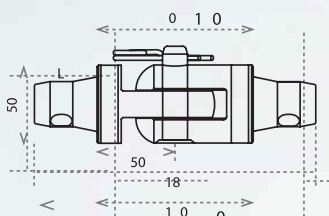
**DISTANCE BAR FOR HINGE PART 120°**

productcode: CS1-DB241



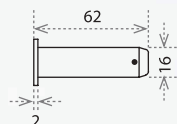
**DISTANCE BAR FOR HINGE PART 135°**

productcode: CS1-DB184



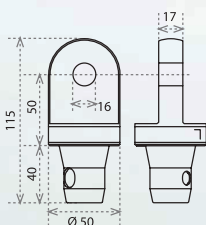
**FD/HD HINGE SET (SINGLE TUBE), L=100 mm.**

productcode: CS1-HS L:/R



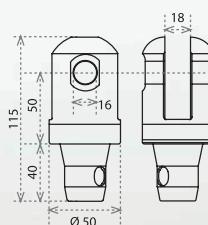
**PIN 16 mm. FOR HS AND HINGES**

productcode: CS1-PIN01



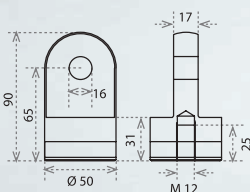
**HINGEPART MALE LEFT/RIGHT FOR FD/HD SERIE**

productcode: CS1-HSP-M L/R



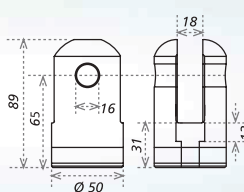
**HINGEPART FEMALE LEFT/RIGHT FOR FD/HD SERIE**

productcode: CS1-HSP-F L/R



**HINGEPART BOLD ON MALE FOR FD/HD SERIE**

productcode: CS1-HS-BO M

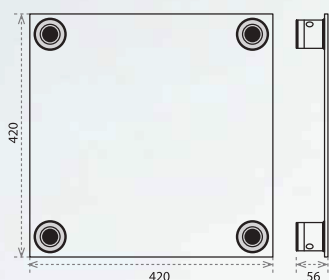


**HINGEPART BOLD ON FEMALE FOR FR/HD SERIE**

productcode: CS1-HS-BO F

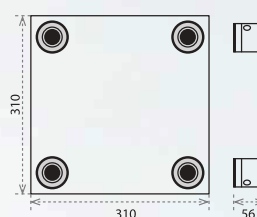
## BASEPLATES FOR FD/HD SYSTEMS

For each Truss System Eurotruss supplies a baseplate. The baseplate is an aluminium plate with fixed welded receivers on it. The plate is for FD System 6mm thick and for heavier truss systems 8~10mm thick. A baseplate can also be used as a wall plate or end plate.



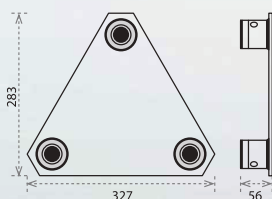
**BASEPLATE FOR HD44**

productcode: PLB-44



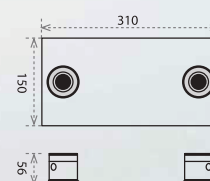
**BASEPLATE FOR FD/HD34**

productcode: PLB-34



**BASEPLATE FOR FD/HD33**

productcode: PLB-33



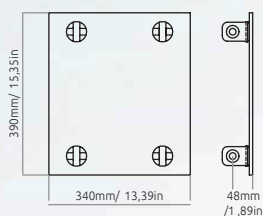
**BASEPLATE FOR FD/HD32**

productcode: PLB-32



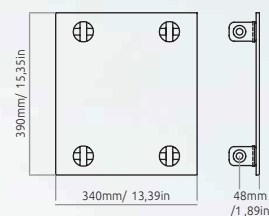
## BASEPLATES FOR GS AND MINIBEAM

For each Truss System Eurotruss supplies a baseplate. The baseplate is an aluminium plate with fixed welded receivers on it. A baseplate can also be used as a wall plate or end plate.



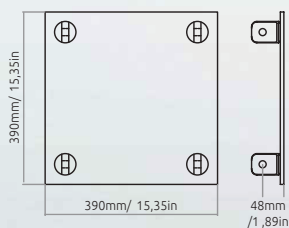
**BASEPLATE FOR MINI BEAM FEMALE**

productcode: PLB-MB-F



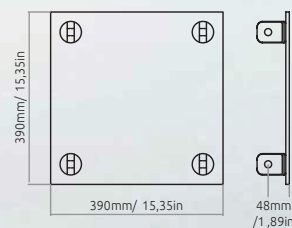
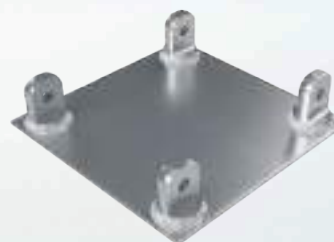
**BASEPLATE FOR MINI BEAM MALE**

productcode: PLB-MB-M



**BASEPLATE FOR GS**

productcode: PLB-GS-F



**BASEPLATE FOR GS**

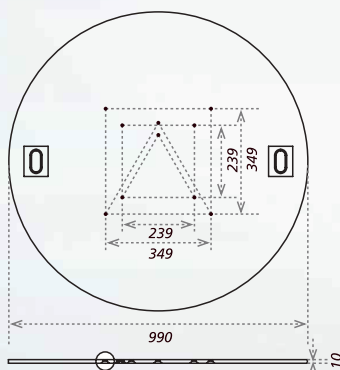
productcode: PLB-GS-M

## TOTEM PLATES FOR ALL FD/HD SYSTEMS

The Totem is a round steel baseplate with a diameter of 99cm with easy handles and pre-drilled holes for all HD/FD Truss Series. The totem is strong, elegant and the perfect plate for stand alone beams.

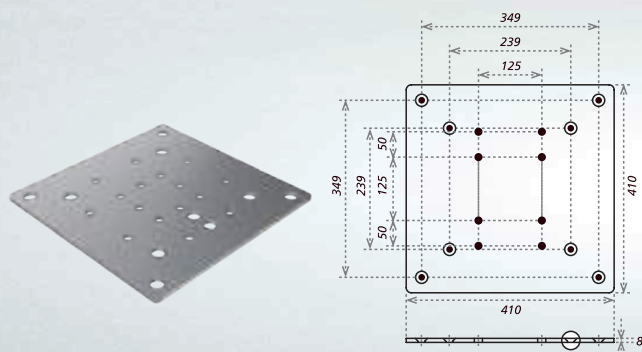
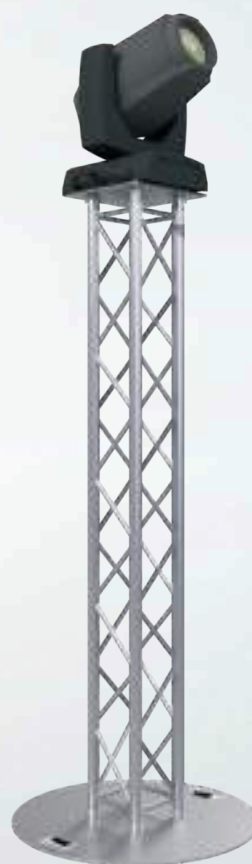
The totem can also be used to mount a moving head (any brand) on a top plate. In order to secure the moving head, it is advisable to use a special adapter plate including a spacer set with locking device to fixate the moving head. Not only is the adapter plate the right tool for fast and safe fixation of your moving head, it can also absorb the heat generated by the moving head without deforming.

The adapter plates are available in two sizes and equipped with pre-drilled holes to match all moving heads. Both Totem Plate and Adapter Plate are exclusive the required HD/FD Scon25, half connector with M12 Thread. Depending on triangular or square truss additional 3 or 4 HD/FD-Scon25 may need to be ordered as extra.



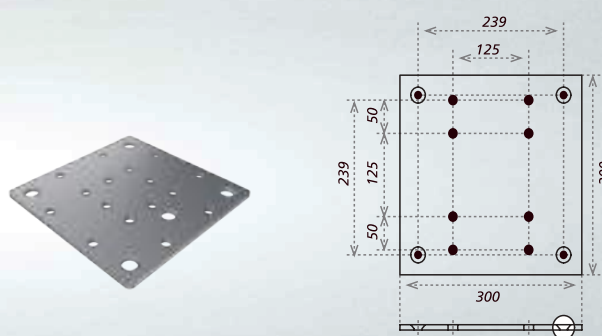
**TOTEM Baseplate Ø = 99cm, 80kg, excl. CS1-SCON25**

productcode: PLB-TOTEM



**ADAPTER PLATE LARGE excl. CS1-SCON25**

productcode: PLB-MH-L



**ADAPTER PLATE SMALL excl. CS1-SCON25**

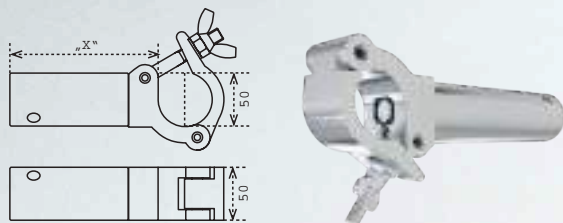
productcode: PLB-MH-S



# Bold on Twist joints - Stabilizer and Hook on Bars

## BOLD ON TWIST JOINTS

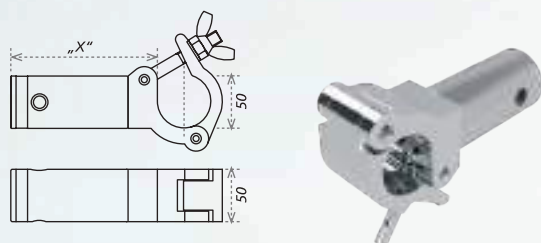
Eurotruss supplies prefixed bold on twist joints which can be used as a T-connection. The sizes do match with standard T-joints in standard rigs and ground supported rigs. The slim line version has the advantage that it requires less mounting space as sometimes the braces of the attached truss can be in the way.



### FD/HD Bold on Twist Joint

Productcode	Length	To make
CS1-DC10	100 mm.	T-joint i.c.w HD44 Corners
CS1-DC10,5	105 mm.	T-joint i.c.w FD/HD34 Corners
CS1-DC12	120 mm.	T-joint i.c.w FD/HD34 Sleeve Block
CS1-DC14	140 mm.	T-joint i.c.w HD44 Sleeve Block
CS1-DC21	210 mm.	T-joint i.c.w FD/HD34 Corners

If you want these equipped with Slim Line Coupler (Clamp) add Code S like CS1-DC021S

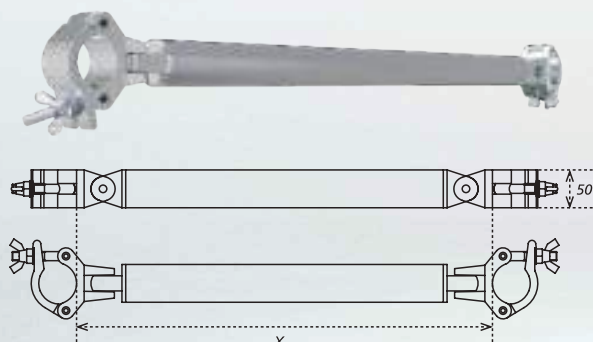


### XD Bold on Twist Joint

Productcode	Length	To make
CS2-DC13	130 mm.	T-joint i.c.w XD Sleeve Blocks
CS2-DC21	210 mm.	T-joint i.c.w. XD Corners

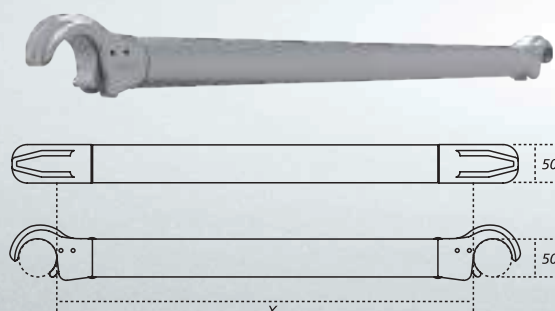
## STABILIZERS AND HOOK ON BARS

Bold on Corner braces are available in various lengths and required in the Ground Supports and Riggs which exceeds a height of 6m. The hookonbar is available in various lengths and with various wall thicknesses.



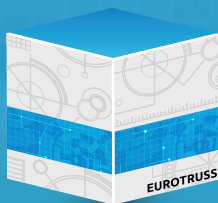
### Bold on Corner Brace

Productcode	Length	Description
KCKC-70	70 cm.	Bold on Corner Brace 70 cm.
KCKC-140	140 cm.	Bold on Corner Brace 140 cm.
KCKC-200	200 cm.	Bold on Corner Brace 200 cm.
KCKC-300	300 cm.	Bold on Corner Brace 300 cm.



### Hook on Bar

Productcode	Length	Description
HCHC-100	100 cm.	Hook on Bar 100 cm.
HCHC-200	200 cm.	Hook on Bar 200 cm.
HCHC-300	300 cm.	Hook on Bar 300 cm.



# EUROTRUSS

S T A G E S











Roof systems that meet the market standards,  
in terms of size, load bearing capacity, truss system, modularity and flexibility.





## Introduction of the Eurotruss Roof Systems

Eurotruss designed its total roof range in order to meet the market standards in terms of size, load bearing capacity, truss system, modularity and flexibility. The Eurotruss Roof System is a temporarily mobile structure to cover a stage and provide the possibility of hanging numbers of light fixtures, PA, Led Screens and other fixtures required to make a spectacular show under any given circumstance.

Eurotruss categorizes its roof systems to its shape, type and required stage size.

Eurotruss considers during development and design the safety, the environmental circumstances and the required load bearing capacity. All Eurotruss roof constructions are calculated according the current European Standards and Regulations.

The current standards for roof constructions (temporary structures) which have to be considered are EN 13814 (constructions) and EN 13782 (tents).

Also the Eurocodes 1, 3, 5 and 9 had to be considered for calculating this temporary structures.

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

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



# The Eurotruss Roof Types in a glance

## ARC Roofs



The ARC Roofs are available in a fixed-leg (up to 10m/32ft wide) and in a tower version (from 12 to 24m/39 to 78ft wide). The fixed leg Arcs are based on fixed circle segments and special angled corners.

The tower Arcs have a hinged system using straight elements and on top a keder profile for full closing and flexibility in depth. The Arc Roofs carry the highest load capacities and are mainly built from standard Truss sections.

## Saddle Roofs



The SR Roofs are tower based structures with a saddle roof top. Designed and calculated to stand alone on its tower base or integrated in a scaffolding stage. The saddle roofs are all constructed using 95% of standard truss sections and have impressive load bearing capacities.

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

## Pitch Roofs



The PR Roofs are tower based structures with a pitched roof. This pitched roof has a standard cantilever and a PA frame at the front towers which can carry a massive PA Load, also the working platform to slide in the outer keder canopy. The towers are positioned under the roof and guarantee a fully closed roof top. The special tent profiles allows any variation in width and the main rig is built out of standard TT / TTS sections.

Designed and calculated to be integrated in a steel scaffolding stage. Massive load capacity and the number 1 alternative for steel roof systems.

## Tunnel Roofs



The Tunnel Roofs are available in the most economic and popular sizes of 12x10m / 14x12m / 14x14m. (39x32ft / 45x39ft / 45x45ft) The Tunnel Roofs carry great features like impressive free clearances, huge load capacities, an integrated ladder truss cantilever and a clamped on keder tent profile that guarantees full closing and allows you full flexibility in depth.

The best feature is that these roofs are built out of standard Truss sections.

Standard Eurotruss carries four different shaped roof systems in all various sizes and load bearing capacities.

## Arc Roofs - Saddle Roofs - Pitch Roofs - Tunnel Roofs

*Find your roof in the matrix:*

### Metric Roof Matrix

Code	Roof in m.	Tower	Qty towers	Main Rig	Roof Structure	Clearance center/side in m.	Width between towers in m.	Depth in m.	User load UDL in kgs	User load Pointload in kgs	PA wing/frame 2x in kgs
<b>ARC ROOFS</b>											
AR-10	10x8	FD/HD34	4	HD34	HD33	5,8/4,5	10,2	8,9	800	3.000	1.000
	8x6	FD/HD34	4	FD/HD34	FD/HD33	5,0/4,0	8,2	6,9	560	3.000	1.000
	8x4	FD/HD34	4	FD/HD34	FD/HD33	5,0/4,0	8,2	4,9	400	3.000	1.000
	6x4	FD/HD34	4	FD/HD34	FD/HD33	4,3/3,5	6,2	4,9	300	3.000	1.000
AR-20	16x12	TD35	6	ST	ST	11,0/8,8	16,8	12	13.800	15.000	2.000
	12x12	TD35	6	ST	ST	10,1/8,8	12,9	12	13.800	15.000	2.000
AR-30	24x15	TD44	8	TT	TT	16,4/13,0	24,1	15,6	47.400	34.500	4.000
	20x15	TD44	8	TT	TT	15,1/13,0	20,1	15,6	39.000	22.500	4.000
	16x12	TD44	6	TT	TT	14,1/13,0	16,1	11,9	26.400	18.000	4.000
<b>SADDLE ROOFS</b>											
SR-10	10x8	HD34	4	HD34	HD34/32	7	10,2	7,8	1.720	2.000	1.000
	10x8	FD34	4	FD34	FD34/32	6	8,2	5,8	1.150	1.400	1.000
	8x6	FD/HD34	4	FD/HD34	FD/HD34/32	6	8,2	5,8	900	1.400	1.000
	6x4	FD/HD34	4	FD/HD34	FD/HD34/32	5	6,2	3,8	640	1.400	1.000
SR-20	14x10	HD34	4	HD44	HD44/34	7	14,3	10,0	1.725	1.600	1.000
	12x10	HD34	4	HD44	HD44/34	7	12,3	10,0	3.200	2.800	1.000
	10x8	HD34	4	HD44	HD44/34	7	10,3	8,0	3.900	4.000	1.000
SR-30	14x10	TD35	4	ST	ST	10,6	15,0	10,2	5.200	4.600	2.000
	12x10	TD35	4	ST	ST	10,6	13,0	10,2	5.200	4.600	2.000
SR-40	20x14	TD35/HD34	6+2	TD35/34	ST	10,6	21,0	13,9	10.500	7.100	2.000
	18x14	TD35/HD34	6+2	TD35/34	ST	10,6	19,0	13,9	10.500	7.100	2.000
	16x12	TD35/HD34	6+1	TD35	ST	10,6	17,0	11,9	8.300	6.600	2.000
SR-50	14x12	TD35/HD34	6	TD35	ST	10,6	15,0	11,9	8.300	6.600	2.000
	24x16	TD35/HD34	8	TT	ST	11	24,1	15,6	22.100	11.000	2.000
	20x16	TD35/HD34	8	TT	ST	11	20,1	15,6	23.600	11.000	2.000
	16x12	TD35/HD34	8	TT	ST	11	16,1	11,9	14.900	8.250	2.000
<b>PITCH ROOFS</b>											
PR-10	24x15	TD44	6	TT	Keder Profile	11	24,3	14,4	17.500	20.000	2.000
	20x15	TD44	6	TT	Keder Profile	11	20,3	14,4	24.400	20.000	2.000
	16x12	TD44	6	TT	Keder Profile	11	16,3	11,4	19.300	21.600	2.000
PR-15	26x15	TD50	6	TTS	Keder Profile	13	26,2	14,4	26.800	23.000	2.000
	24x15	TD50	6	TTS	Keder Profile	13	24,2	14,4	32.000	27.600	2.000
	20x15	TD50	6	TTS	Keder Profile	13	20,2	14,4	37.600	31.000	2.000
	16x12	TD50	6	TTS	Keder Profile	13	16,2	11,4	42.800	36.000	2.000
<b>TUNNEL ROOFS</b>											
TR-10	12x10	N/A	N/A	HD34	Keder Profile	7,4	11,7	9,7	3.300	2.100	N/A
TR-20	14x14	N/A	N/A	HD44	Keder Profile	9,1	14,0	14,0	5.850	5.000	N/A
	14x10	N/A	N/A	HD44	Keder Profile	9,1	14,0	10,6	4.680	4.000	N/A



## Imperial Roof Matrix

Code	Roof in ft.	Tower	Qty towers	Main Rig	Roof Structure	Clearance center/side in ft.	Width between towers in ft.	Depth in ft.	User load UDL in lbs	User load Pointload in lbs	PA wing/frame 2x in lbs
<b>ARC ROOFS</b>											
AR-10	33x26	FD/HD34	4	HD34	HD33	19,0/14,8	10,2	29,2	1.760	6.600	2.200
	26x20	FD/HD34	4	FD/HD34	FD/HD33	16,4/13,1	8,2	22,6	1.232	6.600	2.200
	26x13	FD/HD34	4	FD/HD34	FD/HD33	16,4/13,1	8,2	16,1	880	6.600	2.200
AR-20	20x13	FD/HD34	4	FD/HD34	FD/HD33	14,1/11,5	6,2	16,1	660	6.600	2.200
	55x39	TD35	6	ST	ST	36,1/28,9	55,1	39,4	30.360	33.000	4.400
	39x39	TD35	6	ST	ST	33,1/28,9	42,3	39,4	30.360	33.000	4.400
AR-30	80x50	TD44	8	TT	TT	53,8/42,6	79,1	51,2	104.280	75.900	8.800
	67x50	TD44	8	TT	TT	49,5/42,6	66,0	51,2	85.800	49.500	8.800
	55x40	TD44	6	TT	TT	46,2/42,6	52,8	39,0	58.080	39.600	8.800
<b>SADDLE ROOFS</b>											
SR-10	33x26	HD34	4	HD34	HD34/32	21,0	30,6	23,4	3.792	4.400	2.200
	33x26	FD34	4	FD34	FD34/32	18,0	24,6	17,4	2.535	3.086	2.200
	26x20	FD/HD34	4	FD/HD34	FD/HD34/32	18,0	24,6	17,4	2.645	3.086	2.200
	20x13	FD/HD34	4	FD/HD34	FD/HD34/32	15,0	18,6	11,4	1.411	3.086	2.200
SR-20	46x33	HD34	4	HD44	HD44/34	22,9	46,9	32,8	3.803	3.527	2.200
	39x33	HD34	4	HD44	HD44/34	22,9	40,3	32,8	7.056	6.174	2.200
	33x26	HD34	4	HD44	HD44/34	23,0	33,8	26,3	8.600	8.820	2.200
SR-30	46x33	TD35	4	ST	ST	34,7	49,2	33,4	11.464	10.141	4.400
	39x33	TD35	4	ST	ST	34,7	42,6	33,4	11.464	10.141	4.400
SR-40	66x46	TD35/HD34	6+2	TD35/34	ST	34,8	68,9	45,6	23.150	15.650	4.400
	60x46	TD35/HD34	6+2	TD35/34	ST	34,8	62,3	45,6	23.150	15.650	4.400
	52x40	TD35/HD34	6+1	TD35	ST	34,8	55,8	39,0	18.300	14.550	4.400
SR-50	46x40	TD35/HD34	6	TD35	ST	34,8	49,2	39,0	18.300	14.550	4.400
	80x50	TD35/HD34	8	TT	ST	36,1	79,1	51,2	46.300	24.250	4.400
	67x50	TD35/HD34	8	TT	ST	36,1	65,9	51,2	52.000	24.250	4.400
SR-50	55x40	TD35/HD34	8	TT	ST	36,1	52,8	39,0	32.850	24.250	4.400
<b>PITCH ROOFS</b>											
PR-10	80x50	TD44	6	TT	Keder Profile	36	79,7	47,2	38.600	44.000	4.400
	67x50	TD44	6	TT	Keder Profile	36	66,6	47,2	53.800	44.000	4.400
	55x40	TD44	6	TT	Keder Profile	36	53,4	37,4	42.550	47.600	4.400
PR-15	85x50	TD50	6	TTS	Keder Profile	42,7	86,0	47,2	59.084	50.706	4.400
	80x50	TD50	6	TTS	Keder Profile	42,7	79,4	47,2	70.548	60.847	4.400
	67x50	TD50	6	TTS	Keder Profile	42,7	66,3	47,2	82.894	68.343	4.400
	55x40	TD50	6	TTS	Keder Profile	42,7	53,1	47,4	94.358	79.366	4.400
<b>TUNNEL ROOFS</b>											
TR-10	40x33	N/A	N/A	HD34	Keder Profile	24,3	38,4	31,8	7.275	4.630	N/A
TR-20	46x46	N/A	N/A	HD44	Keder Profile	29,9	45,9	45,9	12.897	11.023	N/A
	46x40	N/A	N/A	HD44	Keder Profile	29,9	45,9	34,7	10.317	8.818	N/A

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, the loading data needs to be multiplied by 0,85.

The background image shows a large crowd of people at a concert, seen from behind. A large, curved metal structure, likely a stage or part of a roof, is visible in the upper right. The image is split diagonally from the top left to the bottom right. The upper-left portion is covered by a solid blue overlay, while the lower-right portion shows the original image with a dark blue tint. The text 'Arc Roofs' is centered in the blue area.

# Arc Roofs







## AR-10 Arc Roof

The AR-10 Arc Roof is a fix leg based structure with four (three) arches with in between support tubes.

The arched roof structure consist of standard HD/FD34 mast truss sections on special small bases with integrated jacks and a few special corners to fit the triangular FD/HD33 arches. Between the arches standard hook on bars are required for extra stability and to support the canopy.

The AR-10 Arc Roof comes in various dimensions 10x8m, 8x6m, 8x4m and 6x4m and all roofs are available in FD or HD Version. The top canopy is tightened with tubes and ratchet straps and the wall canopies can be either in full PVC or the wind through mash.

The AR-10 Arc Roof is on many occasions the perfect solution by its low self weight, minimum of volume, easy and fast manual set up by 2 persons and a nice appearance.

### Specifications

Towers:	FD/HD34
Main Grid:	FD/HD34
Roof Structure:	FD/HD33
Size:	10x8, 8x6, 8x4 and 6x4 m.
Options:	PA Wings

### AR-10 Sizes & Loading Metric

AR-10 ARC Roof	10x8 m.	8x6 m.	8x4 m.	6x4 m.
User Load Roof UDL:*	800	560	400	300
User Load Roof CPL:*	3.000	3.000	3.000	3.000
User Load PA frame:*	1.000	1.000	1.000	1.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

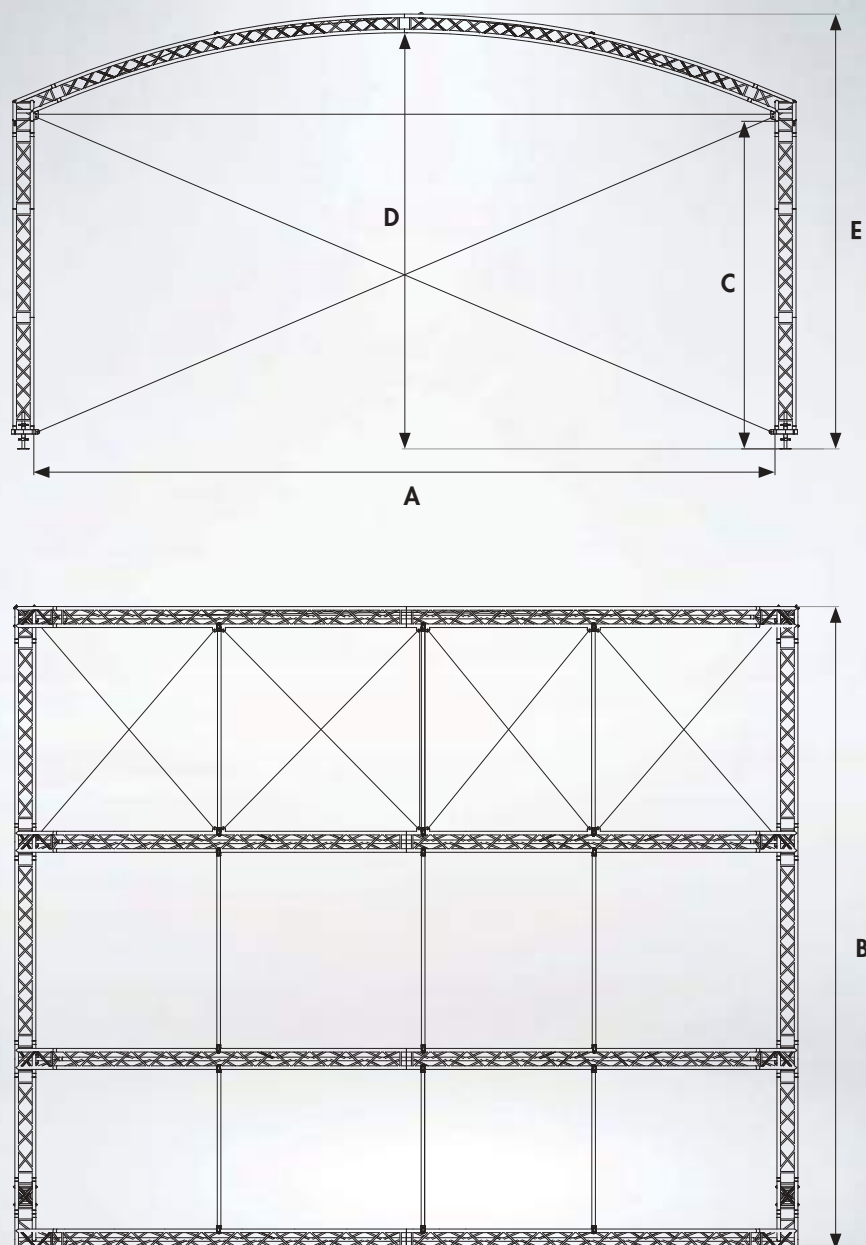
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### AR-10 Sizes & Loading Imperial

AR-10 ARC Roof	33x26 ft.	26x20 ft.	26x13 ft.	20x13 ft.
User Load Roof UDL:*	1.760	1.232	880	660
User Load Roof CPL:*	6.600	6.600	6.600	6.600
User Load PA frame:*	2.200	2.200	2.200	2.200
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## AR-10 Dimensions

AR-10 dimensions:	Metric*				Imperial**			
	10x8 m.	8x6 m.	8x4 m.	6x4 m.	33x26 ft.	67x50 ft.	55x40 ft.	55x40 ft.
<b>A</b> Width*	10,2	8,2	8,2	6,2	33,5	26,9	26,9	20,3
<b>B</b> Depth*	8,9	6,9	4,9	4,9	29,2	22,6	16,1	16,1
<b>C</b> Clearance side*	4,5	4,0	4,0	3,5	14,8	13,1	13,1	11,5
<b>D</b> Clearance center*	5,8	5,0	5,0	4,3	19,0	16,4	16,4	14,1
<b>E</b> Rooftop Height*	6,0	5,3	5,3	4,6	19,7	17,4	17,4	15,1
Stage area	90,8 <sup>m2</sup>	56,6 <sup>m2</sup>	40,2 <sup>m2</sup>	30,4 <sup>m2</sup>	978,2 <sup>ft2</sup>	607,9 <sup>ft2</sup>	433,1 <sup>ft2</sup>	326,8 <sup>ft2</sup>

\* in mtrs | \*\* in feet



## AR-20 Arc Roof

The AR-20 Super ST Roof is a tower based structure with three arches and a standard additional arch as Cantilever. The arched roof structure consist of standard ST truss sections with hinges and spreader plates and supported with spreader truss which gives stability and massive strength and huge multi point loads.

The Arches are attached by a hinged connection at the outer ends to standard a TD35 Tower. The arched truss have a keder profile on top to fit the canopy.

The AR-20 is designed and set up in such a way which makes it possible to build the roof in various configurations as size of the keder profiles match the ST truss sections. The AR-20 Super Roofs are designed to be set up on standard single steel bases or with integrated bases in any kind of steel scaffolding stage.

The AR-20 Super Roof is standard available and pre-calculated with the dimensions 16x12m and 12x12m both on six Towers. The AR-20 has an incredible uniform divided and point load bearing capacity.

### Specifications

Towers:	TD35
Main Grid:	ST Truss
Roof Structure:	ST Truss
Size:	16x12 and 12x12 m.
Options:	PA Wings, Side Houses

### AR-20 Sizes & Loading Metric

AR-20 ARC Roof	16x12 m.	12x12 m.
User Load Roof UDL:*	13.800	13.800
User Load Roof CPL:*	15.000	15.000
User Load PA frame:*	2.000	2.000
Max. Wind Force:**	10 Bft	10 Bft

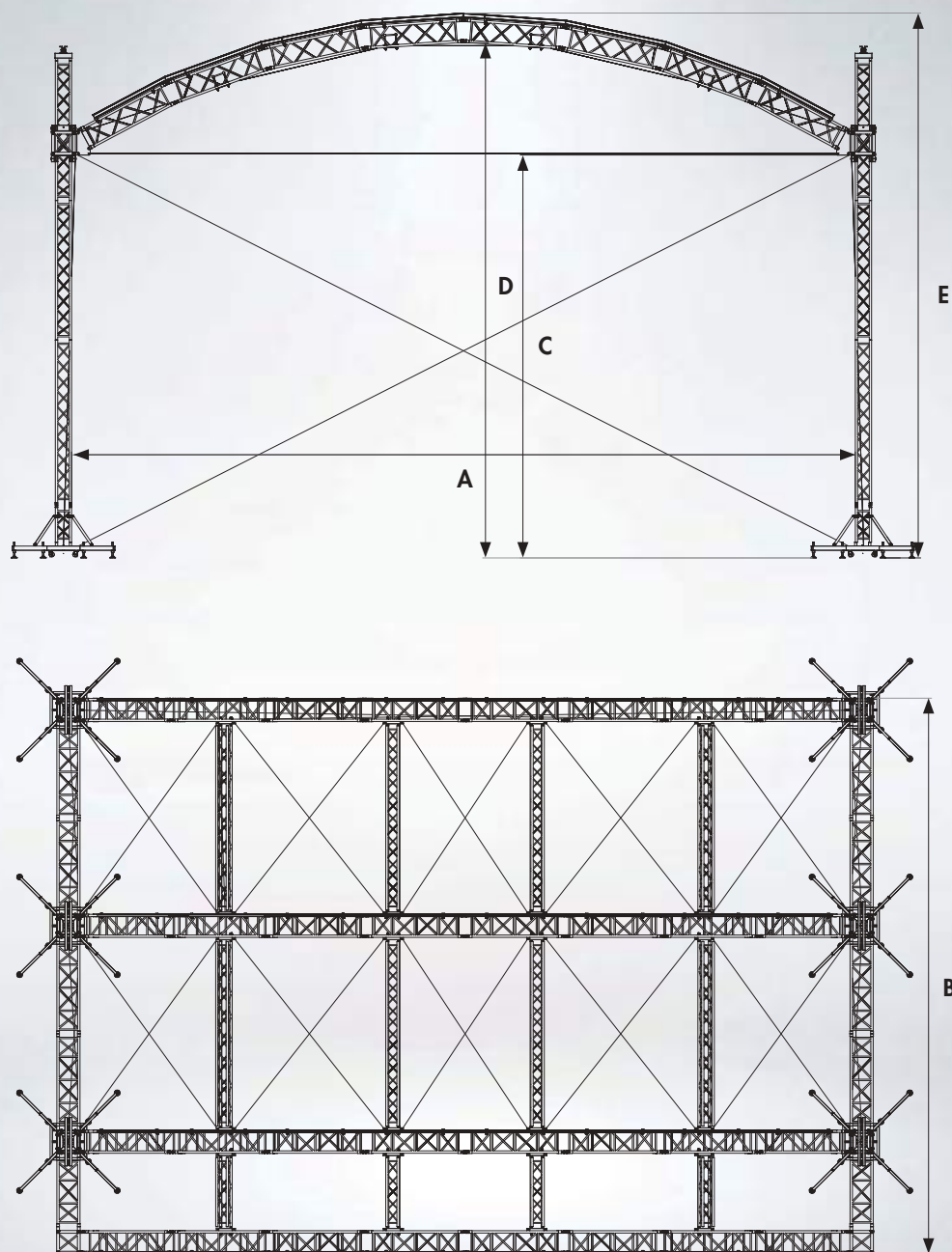
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### AR-20 Sizes & Loading Imperial

AR-20 ARC Roof	55x39 ft.	39x39 ft.
User Load Roof UDL:*	30.360	30.360
User Load Roof CPL:*	33.000	33.000
User Load PA frame:*	4.400	4.400
Max. Wind Force:**	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## AR-20 Dimensions

AR-20 dimensions:	Metric*		Imperial**	
	16x12 m.	12x12 m.	55x39 ft.	39x39 ft.
<b>A</b> Width	16,8	12,9	55,1	42,3
<b>B</b> Depth	12,0	12,0	39,4	39,4
<b>C</b> Clearance side	8,8	8,8	28,9	28,9
<b>D</b> Clearance center	11,0	10,1	36,1	33,1
<b>E</b> Rooftop Height	11,7	10,7	38,4	35,1
Stage area	202 <sup>m2</sup>	155 <sup>m2</sup>	2171 <sup>ft2</sup>	1667 <sup>ft2</sup>

\* in mtrs | \*\* in feet



## AR-30 Arc Roof

The AR-30 Roof is a tower based structure with 5 arches. The arched roof structure consist of standard TT truss sections with hinges and spreader plates and supported with spreader truss which gives stability and massive strength and huge multi point loads.

The Arches are attached by a hinged connection at the outer ends to standard a TD50 Tower. The arched truss has a keder profile on top to fit the canopy.

The AR-30 is designed and set up in such a way which makes it possible to build the roof in various configurations as size of the keder profiles match the TT truss sections. The AR-30 Mega Roofs are designed to be setup integrated in as scaffolding stage or alternatively on ballast bases with compressions beams.

The AR-30 Mega Roof is standard available and pre calculated with the dimensions 24x15m, 20x15m both on eight Towers and 16x12m on six Towers. The AR-30 has the highest load bearing capacity of all Eurotruss Roofs.

### Specifications

Towers:	TD50
Main Grid:	TT Truss
Roof Structure:	TT Truss
Size:	24x15, 20x15 and 16x12 m.
Options:	PA Wings, Side Houses

### AR-30 Sizes & Loading Metric

AR-30 ARC Roof	24x15 m.	20x15 m.	16x12 m.
User Load Roof UDL:*	47.400	39.000	26.400
User Load Roof CPL:*	34.500	22.500	18.000
User Load PA frame:*	4.000	4.000	4.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

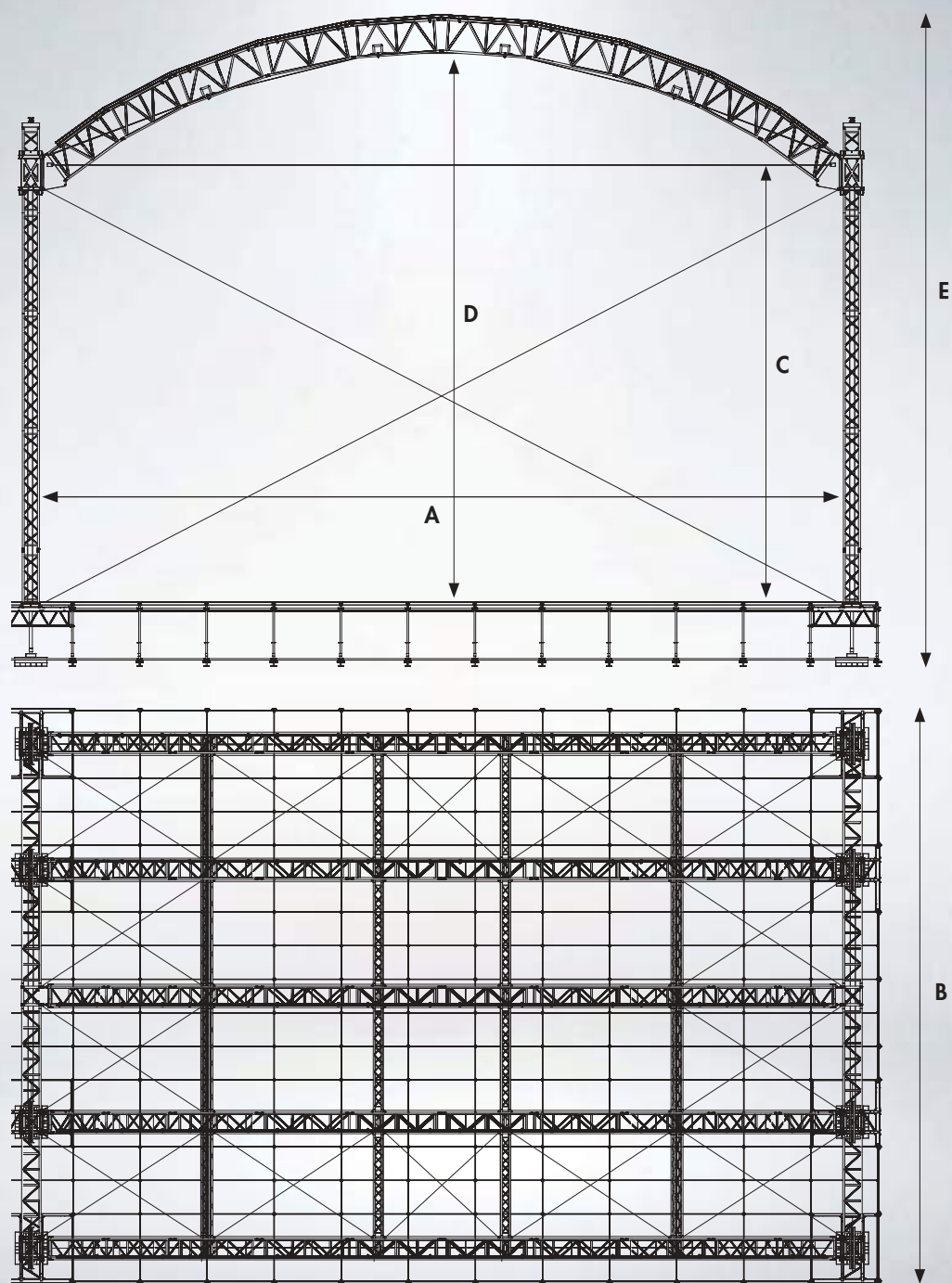
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### AR-30 Sizes & Loading Imperial

AR-30 ARC Roof	80x50 ft.	67x50 ft.	55x40 ft.
User Load Roof UDL:*	104.280	85.800	58.080
User Load Roof CPL:*	75.900	49.500	39.600
User Load PA frame:*	8.800	8.800	8.800
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## AR-30 Dimensions

AR-30 dimensions:*	Metric*			Imperial**		
	24x15 m.	20x15 m.	16x12 m.	80x50 ft.	67x50 ft.	55x40 ft.
<b>A</b> Width	24,1	20,1	16,1	79,1	66,0	52,8
<b>B</b> Depth	15,6	15,6	11,9	51,2	51,2	39,0
<b>C</b> Clearance side	13,0	13,0	13,0	42.6	42.6	42.6
<b>D</b> Clearance center	16,4	15,1	14,1	53,8	49,5	46,2
<b>E</b> Rooftop Height	19,4	18,1	17,1	63,6	59,4	56,1
Stage area	376 <sup>m2</sup>	314 <sup>m2</sup>	192 <sup>m2</sup>	4050 <sup>ft2</sup>	3380 <sup>ft2</sup>	2059 <sup>ft2</sup>

\* in mtrs | \*\* in feet



# Saddle Roofs







## SR-10 Saddle Roof

The SR-10 Roof consist of a HD/FD34 Ground Support on four HD/FD34 Towers and a Roof Structure of HD/FD34 Truss and Roof Ladder Supports.

The SR-10 Roof is a tower based structure with a saddle roof. This saddle roof has a relative high load bearing HD/FD34 Main Rig with an HD/FD34 roof structure with a fixed angle on the two HD/FD34 gables which enables you to re-build the roof in various dimensions.

As the ground support and additional roof is mainly built out of standard HD/FD 34 elements, only a few special roof parts are required to build a SR-10 Roof. This makes the SR-10 a very attractive and efficient roof system to acquire.

The SR-10 guarantees a good workable load and this combination ensures you of a minimum of trucking and storage space and can be lifted motorized or by manual chain hoists. The SR-10 Roof is designed and calculated to be set up on either single steel or aluminium bases. The top canopy is tightened with tubes and ratchet straps and the wall canopies can be either in full PVC or the wind through mash.

### Specifications

Towers:	FD/HD34
Main Grid:	FD/HD34
Roof Structure:	FD/HD34/32
Size:	10x8, 8x6, 8x4 and 6x4 m.
Options:	PA Wings

### SR-10 Sizes & Loading Metric

SR-10 Saddle Roof	10x8 m. (HD)	10x8 m. (FD)	8x6 m.	6x4m.
User Load Roof UDL:*	1.720	1.150	1.200	640
User Load Roof CPL:*	2.000	1.400	1.400	640
User Load PA frame:*	1.000	1.000	1.000	1.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

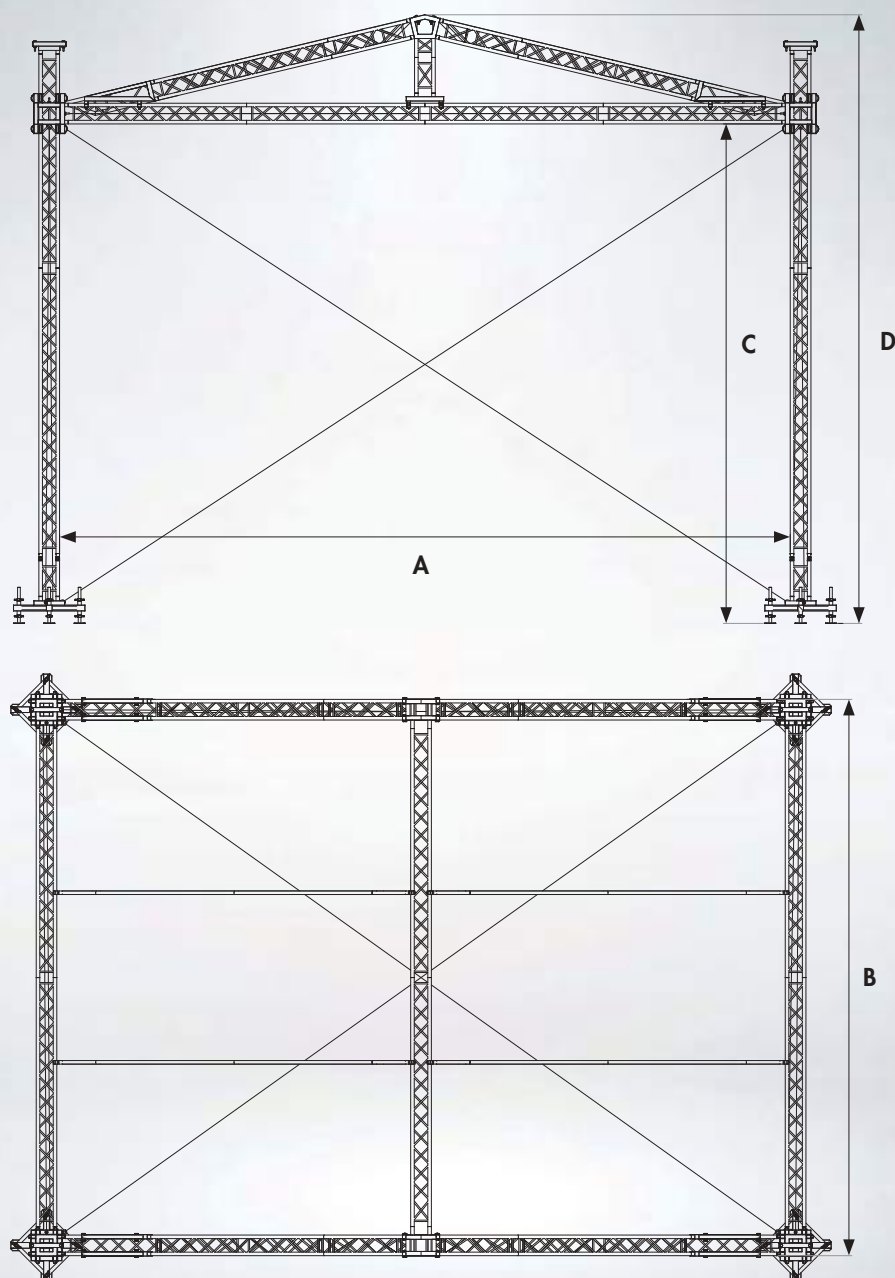
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### SR-10 Sizes & Loading Imperial

SR-10 Saddle Roof	33x26 ft.(HD)	33x26 ft. (FD)	26x20 ft.	20x13 ft.
User Load Roof UDL:*	3.792	2.535	2.654	1.411
User Load Roof CPL:*	4.400	3.086	3.086	1.411
User Load PA wing:*	2.200	2.200	2.200	2.200
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

SR-10 dimensions:*	Metric*			Imperial**		
	10x8 m.	8x6 m.	6x4 m.	32x26 ft.	26x20 ft.	20x13 ft.
<b>A</b> Width	10,2	8,2	6,2	30,6	24,6	18,6
<b>B</b> Depth	7,8	5,8	3,8	23,4	17,4	11,4
<b>C</b> Clearance (side)	7,0	6,0	5,0	21,0	18,0	15,0
<b>D</b> Rooftop Height	8,5	7,3	6,0	25,5	21,9	18,0
Stage area	80 <sup>m2</sup>	48 <sup>m2</sup>	24 <sup>m2</sup>	716 <sup>ft2</sup>	428 <sup>ft2</sup>	212 <sup>ft2</sup>

\* in mtrs | \*\* in feet



## SR-20 Saddle Roof

The SR-20 Roof consist of a HD44 Ground Support on four HD34 Towers and a Roof Structure of HD34 Truss and Roof Support Beams of HD33.

The SR-20 Roof is a tower based structure with a saddle roof. This saddle roof has a relative high load bearing HD44 Main Rig with an important middle span from front to back and an HD44/34 roof structure with a fixed angle on the two HD33 gables which enables you to re-build the roof in various dimensions.

The HD version guarantees a higher workable load, a higher clearance and the combination of HD34 and HD44 truss ensures you of a minimum of trucking and storage space. This SR-20 Roof can be lifted motorized or by manual chain hoists.

The SR-20 Roof is designed and calculated to be set up on single steel bases or can be set up with integrated bases (ballast safes) in any kind of steel scaffolding stage. The top canopy is tightened with tubes and ratchet straps and the wall canopies can be either in full PVC or the wind through mash.

### Specifications

Towers:	HD34
Main Grid:	HD44
Roof Structure:	HD44/34
Size:	14x10, 12x10 and 10x8 m.
Options:	PA Wings

### SR-20 Sizes & Loading Metric

SR-20 Saddle Roof	14x10 m.	12x10 m.	10x8 m.
User Load Roof UDL:*	1.725	3.200	3.900
User Load Roof CPL:*	1.600	2.800	4.000
User Load PA wing:*	1.000	1.000	1.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

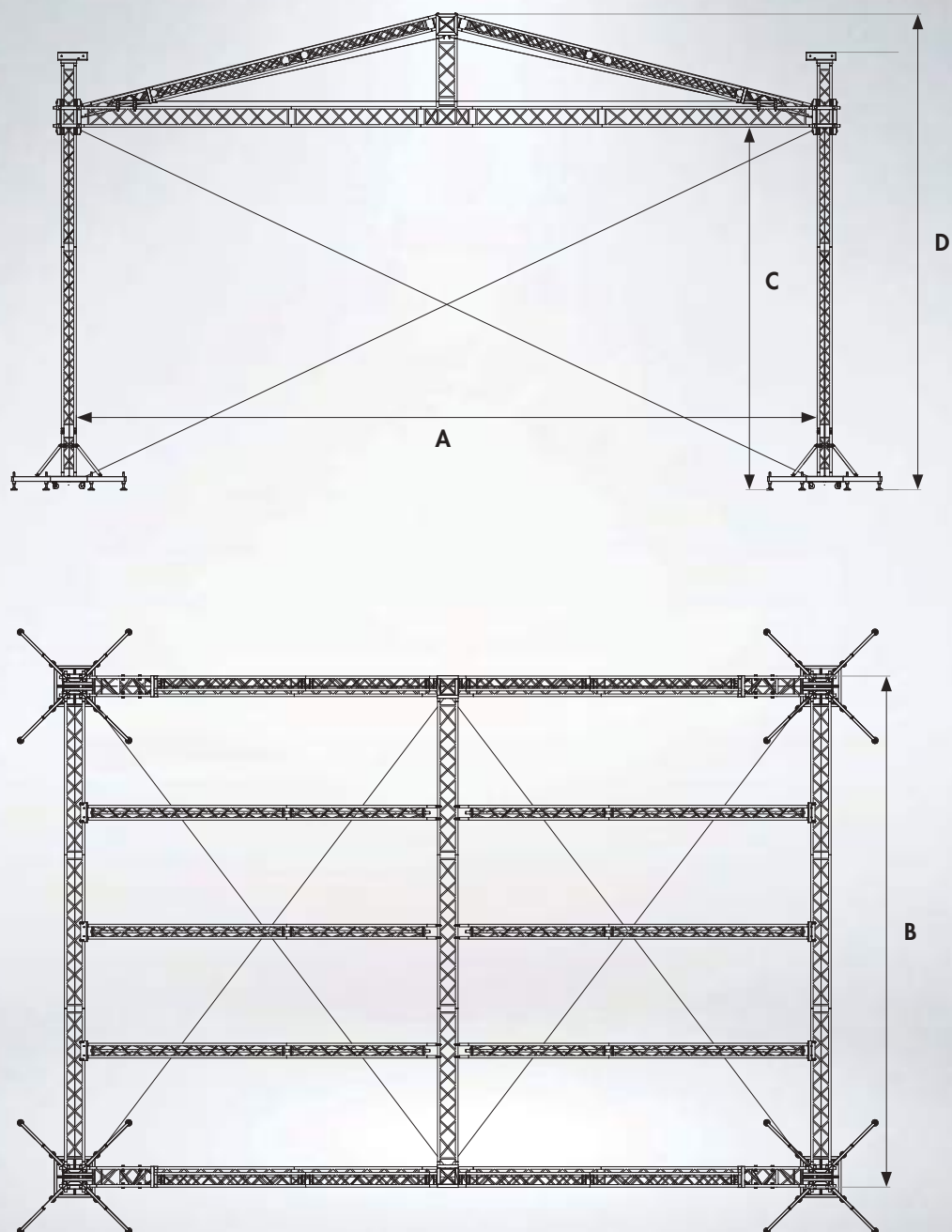
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### SR-20 Sizes & Loading Imperial

SR-20 Saddle Roof	46x33 ft.	39x33 ft.	33x26 ft.
User Load Roof UDL:*	3.803	5.820	8.600
User Load Roof CPL:*	3.527	5.732	8.820
User Load PA wing:*	2.200	2.200	2.200
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

SR-20 dimensions:*	Metric*			Imperial**		
	14x10 m.	12x10 m.	10x8 m.	46x33 ft.	39x33 ft.	33x26 ft.
<b>A</b> Width	14,3	12,3	10,3	46,9	40,3	33,8
<b>B</b> Depth	10,0	10,0	8,0	32,8	32,8	26,3
<b>C</b> Clearance (side)	7,0	7,0	7,0	22,9	22,9	23,0
<b>D</b> Rooftop Height	9,2	8,9	8,7	30,1	29,1	28,5
Stage area	143 <sup>m2</sup>	123 <sup>m2</sup>	82,4 <sup>m2</sup>	1538 <sup>ft2</sup>	1322 <sup>ft2</sup>	888 <sup>ft2</sup>

\* in mtrs | \*\* in feet



## SR-30 Saddle Roof

The SR-30 Roof consist of a ST Ground Support on four TD35 Towers and a Roof Structure of ST Truss.

The SR-30 Roof is a tower based structure with a saddle roof. These saddle roofs have a standard impressive load bearing ST Main Rig and the gable and have a fixed angle which enables you to re-build the roof in various dimensions and can be extended into a SR-40 ST Pro Roof. The standard SR-30 ST Roofs are available in 14x10m and 12x10m all on four TD35 Towers.

The Saddle Roofs are designed to be set up on single steel bases which can be connected with a compression beam which reduces the ballast requirements or can be set up with integrated bases (ballast safes) in any kind of steel scaffolding stage. The top canopy is tightened with tubes and ratchet straps and the wall canopies can be either in full PVC or the wind through mash.

This roof meets all the required international standards and has been pre-calculated and comes with a full structural report and manual according the most recent regulations.

### Specifications

Towers:	TD35
Main Grid:	ST Truss
Roof Structure:	ST Truss
Size:	14x10 and 12x10 m.
Options:	PA Wings, Side Houses

### SR-30 Sizes & Loading Metric

SR-30 Saddle Roof	14x10m.	12x10 m.
User Load Roof UDL:*	5.200	5.200
User Load Roof CPL:*	4.600	4.600
User Load PA wing:*	2.000	2.000
Max. Wind Force:**	10 Bft	10 Bft

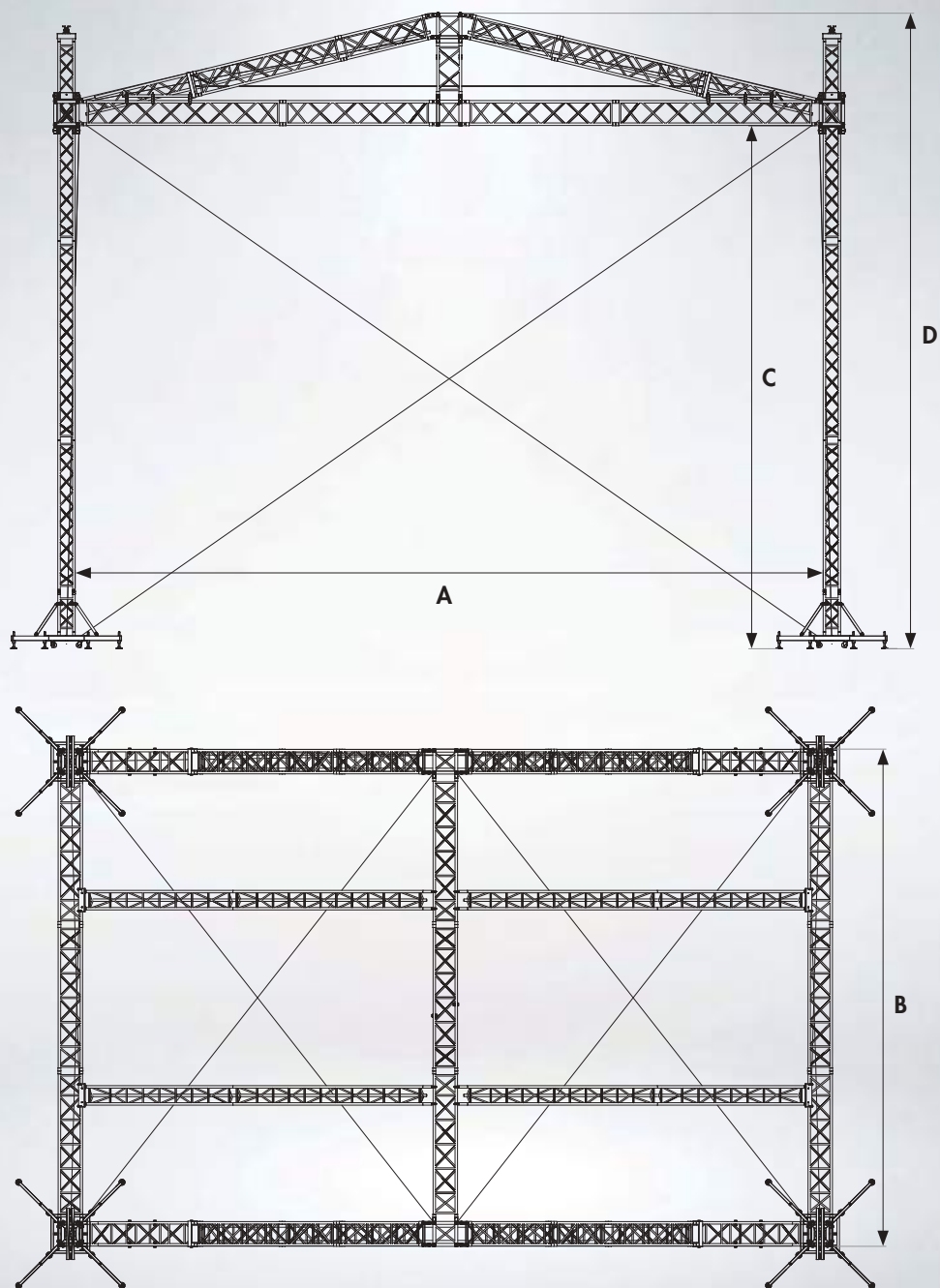
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### SR-30 Sizes & Loading Imperial

SR-30 Saddle Roof	46x33 ft.	39x33 ft.
User Load Roof UDL:*	11.464	11.464
User Load Roof CPL:*	10.141	10.141
User Load PA wing:*	4.400	4.400
Max. Wind Force:**	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

SR-30 dimensions:*	Metric*		Imperial**	
	14x10 m.	12x10 m.	46x33 ft.	39x33 ft.
<b>A</b> Width	15,0	13,0	49.2	42,6
<b>B</b> Depth	10,2	10,2	33,4	33,4
<b>C</b> Clearance (side)	10,6	10,6	34,7	34,7
<b>D</b> Rooftop Height	12,8	12,6	41,9	41,3
Stage area	153m <sup>2</sup>	132m <sup>2</sup>	1643 <sup>ft2</sup>	1423 <sup>ft2</sup>

\* in mtrs | \*\* in feet



## SR-40 Saddle Roof

The SR-40 Roof consist of a ST Ground Support on six TD35 Towers and a Roof Structure of ST Truss.

The SR-40 Roof is a tower based structure with a saddle roof. These saddle roofs have a standard impressive load bearing ST Main Rig and the gable and have a fixed angle which enables you to re-build the roof in various dimensions. The standard SR-40 ST Roofs are available in 20x14m, 18x14m, 16x12m and 14x12m all on six TD35 Towers. The 20x14m and 18x14m roofs have two additional back towers to enhance the load bearing capacity and maintain the required clearance. The 16x12m has one additional center tower in the back to maintain the required load capacity and clearance.

The Saddle Roofs are designed to be set up on single steel bases which can be connected with a compression beam which reduces the ballast requirements or can be set up with integrated bases (ballast safes) in any kind of steel scaffolding stage. The top canopy is tightened with tubes and ratchet straps and the wall canopies can be either in full PVC or the wind through mash. This roof meets all the required international standards and has been pre-calculated ancomes with a full structural report and manual according the most recent regulations.

### Specifications

Towers:	TD35
Main Grid:	ST Truss
Roof Structure:	ST Truss
Size:	20x14, 18x14, 16x12 and 14x12 m.
Options:	PA Wings, Side Houses

### SR-40 Sizes & Loading Metric

SR-40 Saddle Roof	20x14 m.	18x14 m.	16x12 m.	14x12 m.
User Load Roof UDL:*	10.500	10.500	8.300	8.300
User Load Roof CPL:*	7.100	7.100	6.600	6.600
User Load PA wing:*	2.000	2.000	2.000	2.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

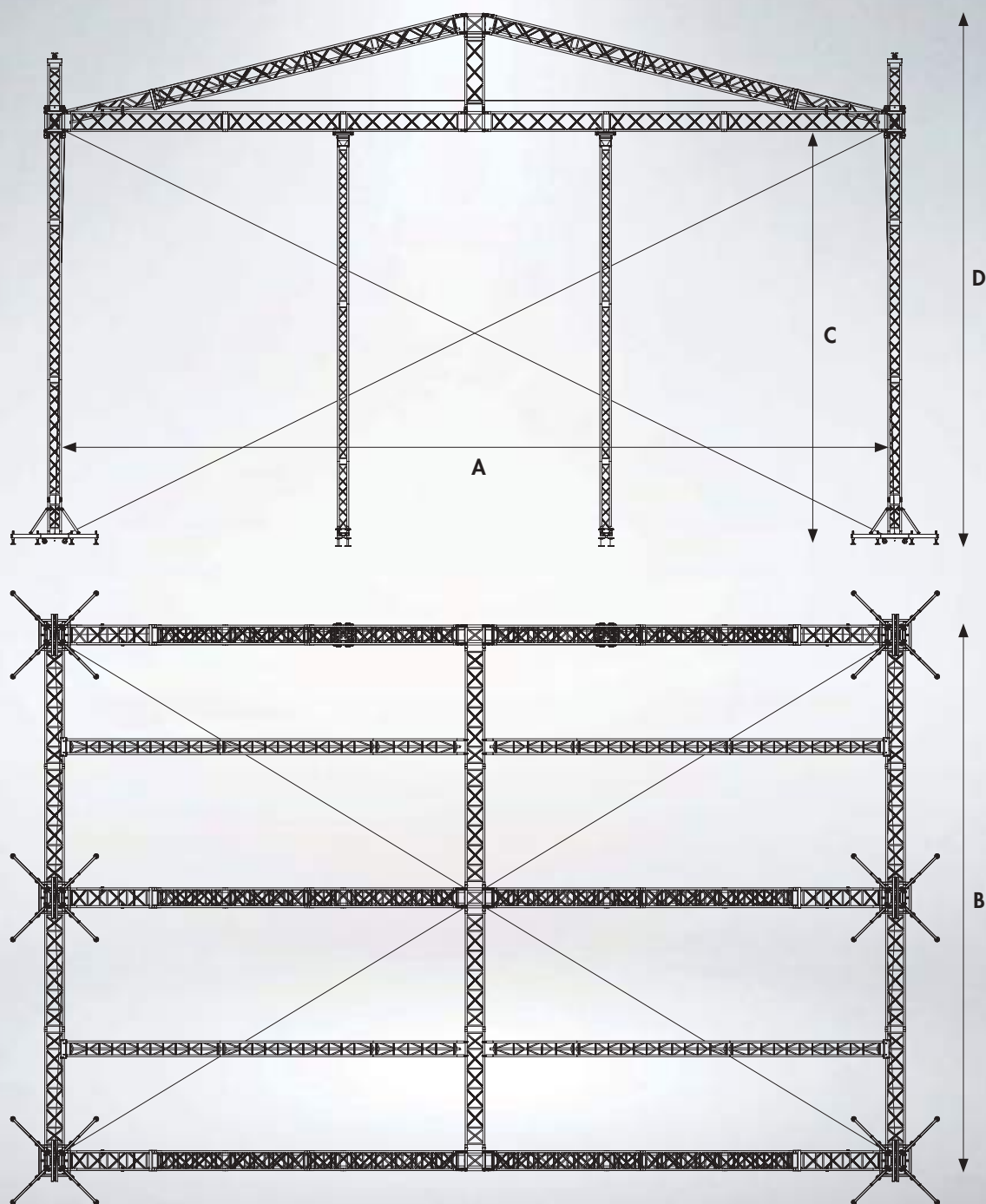
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### SR-40 Sizes & Loading Imperial

SR-40 Saddle Roof	66x46 ft.	60x46 ft.	52x40 ft.	46x40 ft.
User Load Roof UDL:*	23.150	23.150.	18.300	18.300
User Load Roof CPL:*	15.650	15.650	14.550	14.550
User Load PA wing:*	4.400	4.400	4.400	4.400
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## SR-40 Dimensions

SR-40 dimensions:*	Metric*				Imperial**			
	20x14 m.	18x14 m.	16x12 m.	14x12 m.	66x46 ft.	60x46 ft.	52x40 ft.	46x40 ft.
<b>A</b> Width	21,0	19,0	17,0	15,0	68,9	62,3	55,8	49,2
<b>B</b> Depth	13,9	13,9	11,9	11,9	45,6	45,6	39,0	39,0
<b>C</b> Clearance	10,6	10,6	10,6	10,6	34,8	34,8	34,8	34,8
<b>D</b> Rooftop Height	13,6	13,4	13,1	12,8	44,6	44,0	43,0	42,0
Stage area	292 <sup>m2</sup>	264 <sup>m2</sup>	202 <sup>m2</sup>	179 <sup>m2</sup>	3142 <sup>ft2</sup>	2841 <sup>ft2</sup>	2176 <sup>ft2</sup>	1919 <sup>ft2</sup>

\* in mtrs | \*\* in feet



## SR-50 Saddle Roof

The SR-50 Roof consist of a TT Ground Support on eight TD44 Towers, optional upgrade to TD50 Tower is available and a Roof Structure of ST Truss.

The SR-50 Roof is a tower based structure with a saddle roof. This saddle roof has a standard impressive load bearing TT main rig and an ST roof structure with a fixed angle on the four ST gables which enables you to re-build the roof in various dimensions. The standard SR-50 TT Roofs are available in 24x16m, 20x16m and 16x12m all on 8 TD44 or TD50 Towers.

The SR-50 TT Pro Roof is designed and calculated to be set up on ballast bases with compression beams between the side and rear towers or can be set up with integrated bases (ballast safes) in any kind of steel scaffolding stage. The top canopy is tightened with tubes and ratchet straps and the wall canopies can be either in full PVC or the wind through mash.

### Specifications

Towers:	TD44 / TD50
Main Grid:	TT Truss
Roof Structure:	ST Truss
Size:	24x16, 20x16 and 16x12 m.
Options:	PA Wings, Side Houses

### SR-50 Sizes & Loading Metric

SR-50 Saddle Roof	24x16 m.	20x16 m.	16x12 m.
User Load Roof UDL:*	22.100	23.600	14.900
User Load Roof CPL:*	11.000	11.000	8.250
User Load PA wing:*	2.000	2.000	2.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

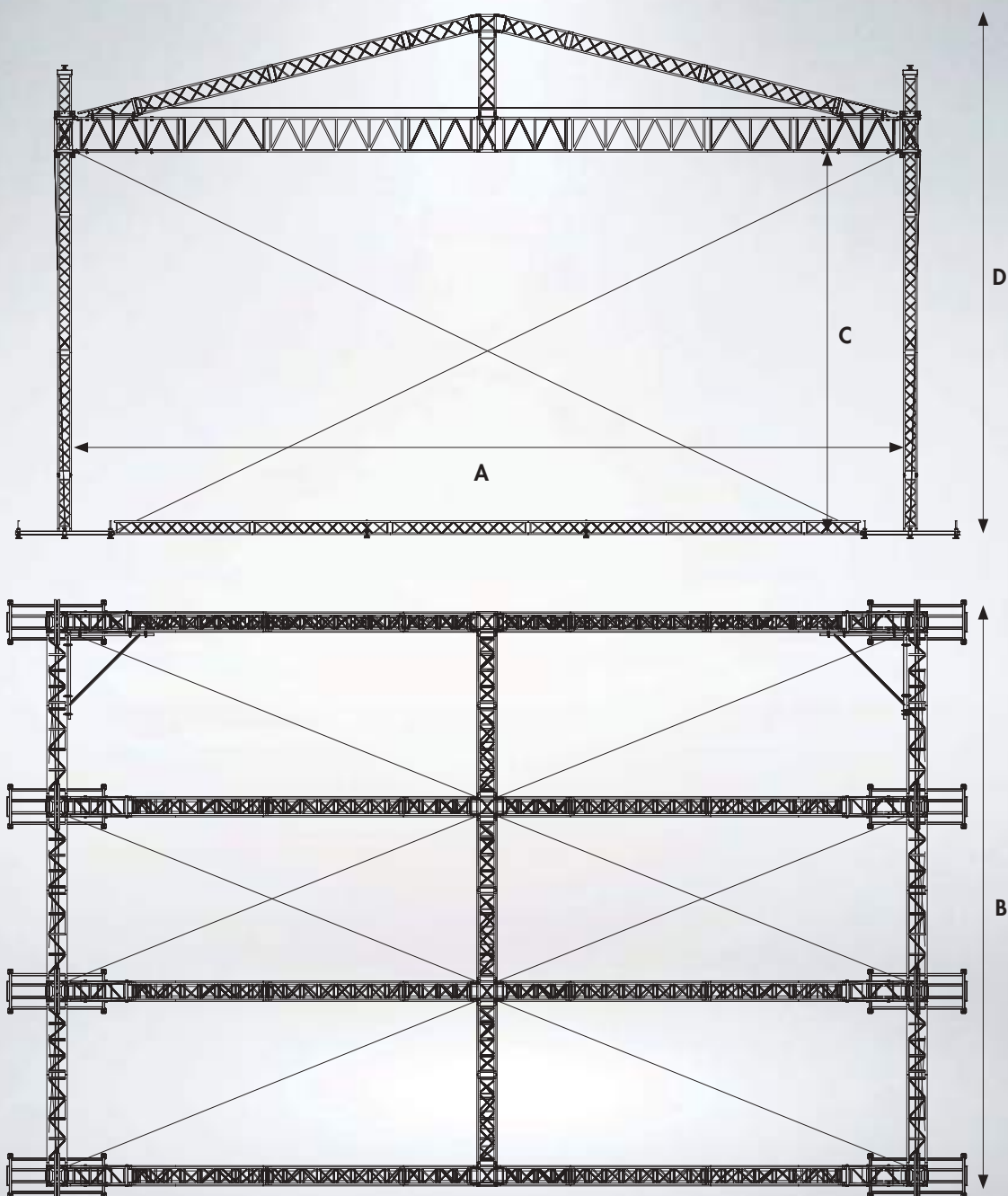
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### SR-50 Sizes & Loading Imperial

SR-50 Saddle Roof	80x50 ft.	67x50 ft.	55x40 ft.
User Load Roof UDL:*	46.300	52.000	32.850
User Load Roof CPL:*	24.250	24.250	24.250
User Load PA wing:*	4.400	4.400	4.400
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

SR-50 dimensions:*	Metric*			Imperial**		
	24x16 m.	20x16 m.	16x12 m.	24x15 ft.	24x15 ft.	24x15 ft.
<b>A</b> Width	24,1	20,1	16,1	79,1	65,9	52,8
<b>B</b> Depth	15,6	15,6	11,9	51,2	51,2	39,0
<b>C</b> Clearance	11,0	11,0	11,0	36,1	36,1	36,1
<b>D</b> Rooftop Height	15,0	14,5	14,0	49,2	47,6	45,9
Stage area	292 <sup>m2</sup>	264 <sup>m2</sup>	202 <sup>m2</sup>	3142 <sup>ft2</sup>	2841 <sup>ft2</sup>	1919 <sup>ft2</sup>

\* in mtrs | \*\* in feet

# Pitch Roofs











## PR-10 TT Pitch Roof

The PR10 Roof consist of a TT Ground Support on six TD44 Towers and a Roof Structure of special tent profiles with integrated keder profiles.

The PR10 Roof is a tower based structure with a pitched roof. This pitched roof has a standard cantilever and a special PA frame at the sleeve blocks of the front towers which can carry a PA Load of 2.000 kg (4.400 lbs) each and is a working platform to slide in the outer keder canopy. This is a result of the fact that the towers are positioned under the roof structure in order to have a fully closed roof top.

The PR10 is designed, engineered and manufactured to ensure the possibility of re-scaling in the width with 4m (~13 ft) and 3m (~10ft) in depth and 1,5m (~4,9 ft) in height all without adding any new material. The only pitch roof which can be rebuild in various sizes. This roof meets all the required international standards set by light & stage designers of concerts and events.

PA Wings, Side Houses, Back Storage and Loading Docks are available as an option. Ask for the details of the integrated scaffolding stage and decks.

### Specifications

Towers:	TD44
Main Grid:	TT
Roof Structure:	Tent Keder profiles PVC Canopy
Walls:	Tent Keder Profiles PVC Canopy
Stage:	Integrated Steel Scaff Stage
Floor:	Eurotruss Stage Decks
Size:	24x15, 20x15 and 16x12 m.
Options:	Side Wings, Side Houses, Back Storage & Loading Docks

### PR-10 Sizes & Loading Metric

PR-10 TT Pitch Roof	24x15 m.	20x15 m.	16x12 m.
User Load Roof UDL:*	17.500	24.400	19.300
User Load Roof CPL:*	20.000	20.000	21.600
User Load PA frame:*	2.000	2.000	2.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

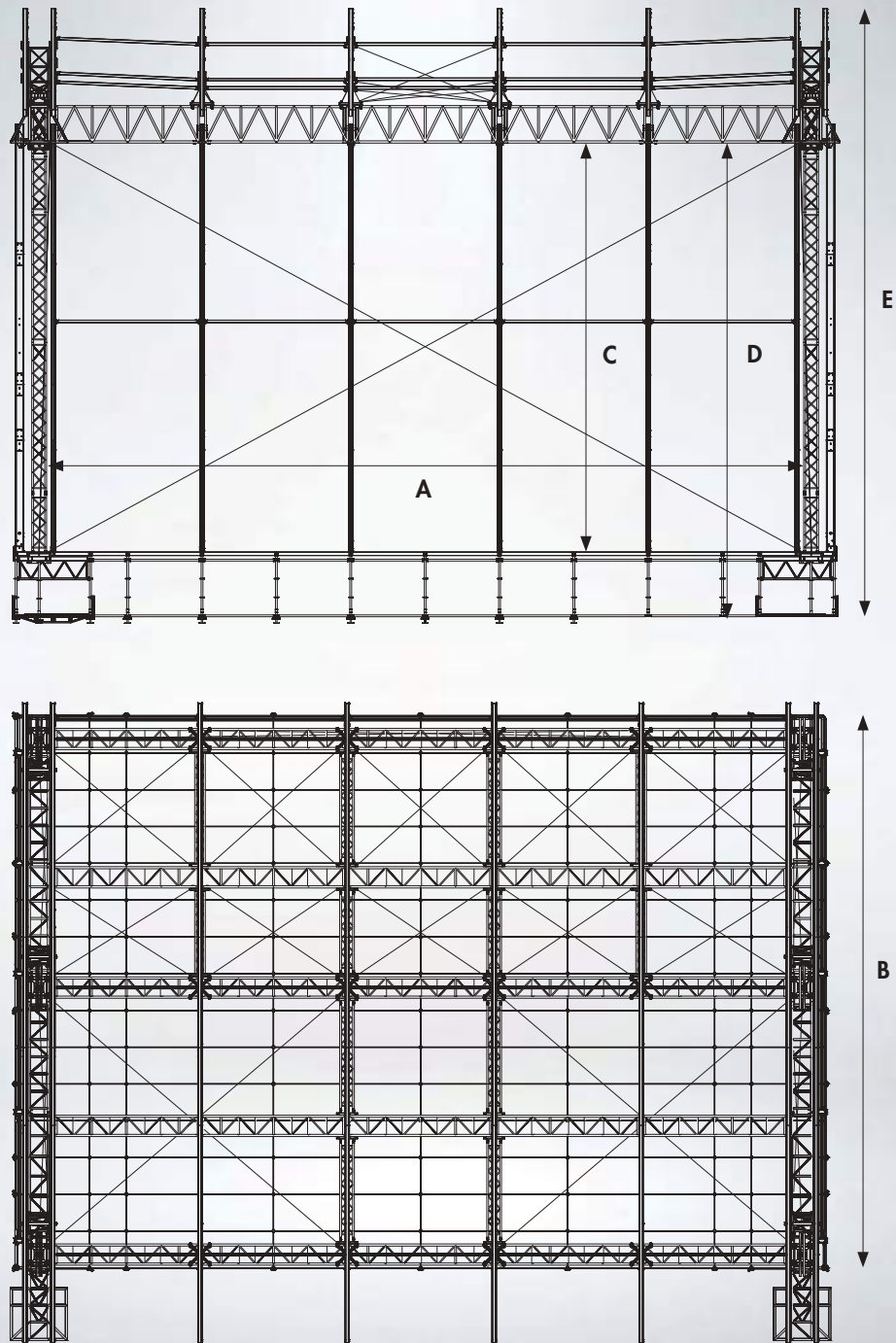
\*in kg / \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### PR-10 Sizes & Loading Imperial

PR-10 TT Pitch Roof	80x50 ft.	67x50 ft.	55x40 ft.
User Load Roof UDL:*	38.600	53.800	42.550
User Load Roof CPL:*	44.000	44.000	47.600
User Load PA frame:*	4.400	4.400	4.400
Max. Wind Force:**	10 Bft	10 Bft	10 Bft

\*in lbs / \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

PR-10 dimensions:*	Metric*			Imperial**		
	24x15 m.	20x15 m.	16x12 m.	80x50 ft.	67x50 ft.	55x40 ft.
<b>A</b> Width	24,3	20,3	16,3	79,7	66,6	53,4
<b>B</b> Depth	14,4	14,4	11,4	47,2	47,2	37,4
<b>C</b> Clearance (stage)	11,0	11,0	11,0	36,0	36,0	36,0
<b>D</b> Clearance (ground)	12,9	12,9	12,9	42,3	42,3	42,3
<b>E</b> Rooftop Height	16,6	16,6	16,4	54,5	54,1	53,8
Stage area	349m <sup>2</sup>	292m <sup>2</sup>	185m <sup>2</sup>	3762ft <sup>2</sup>	3143ft <sup>2</sup>	2520ft <sup>2</sup>

\* in mtrs | \*\* in feet



## PR-15 TTS Pitch Roof

The PR15 Roof consist of a TTS Ground Support on six TD50 Towers and a Roof Structure of special tent profiles with integrated keder profiles and is the big brother of the PR10. Same in design and concept but delivering more clearance (add 2m / 6,6ft in height) and app 50% more load capacity than the PR10.

The PR15 Roof is a tower based structure with a pitched roof. This pitched roof has a standard cantilever and a special PA frame at the sleeve blocks of the front towers which can carry a PA Load of 2.000 kg (4.400 lbs) each and is a working platform to slide in the outer keder canopy. This is a result of the fact that the towers are positioned under the roof structure in order to have a fully closed roof top.

The PR15 is designed, engineered and manufactured to ensure the possibility of re-scaling in the width with 4m (~13 ft) and 3m (~10ft) in depth and 2,5m (~8,2 ft) in height all without adding any new material. The only pitch roof which can be rebuild in various sizes.

PA Wings, Side Houses, Back Storage and Loading Docks are available as an option. Ask for the details of the integrated scaffolding stage and decks.

### Specifications

Towers:	TD50
Main Grid:	TTS
Roof Structure:	Tent Keder profiles PVC Canopy
Walls:	Tent Keder profiles PVC Canopy
Stage:	Integrated Steel Scaff Stage
Floor:	Eurotruss Stage Decks
Size:	26x15, 24x15, 20x15 and 16x12 m.
Options:	Side Wings, Side Houses, Back Storage & Loading Docks

### PR-15 Sizes & Loading Metric

PR-15 TTS Pitch Roof	26x15 m.	24x15 m.	20x15 m.	16x12 m.
User Load Roof UDL:*	26.800	32.000	37.600	42.800
User Load Roof CPL:*	23.000	27.600	31.000	36.000
User Load PA frame:*	2.000	2.000	2.000	2.000
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

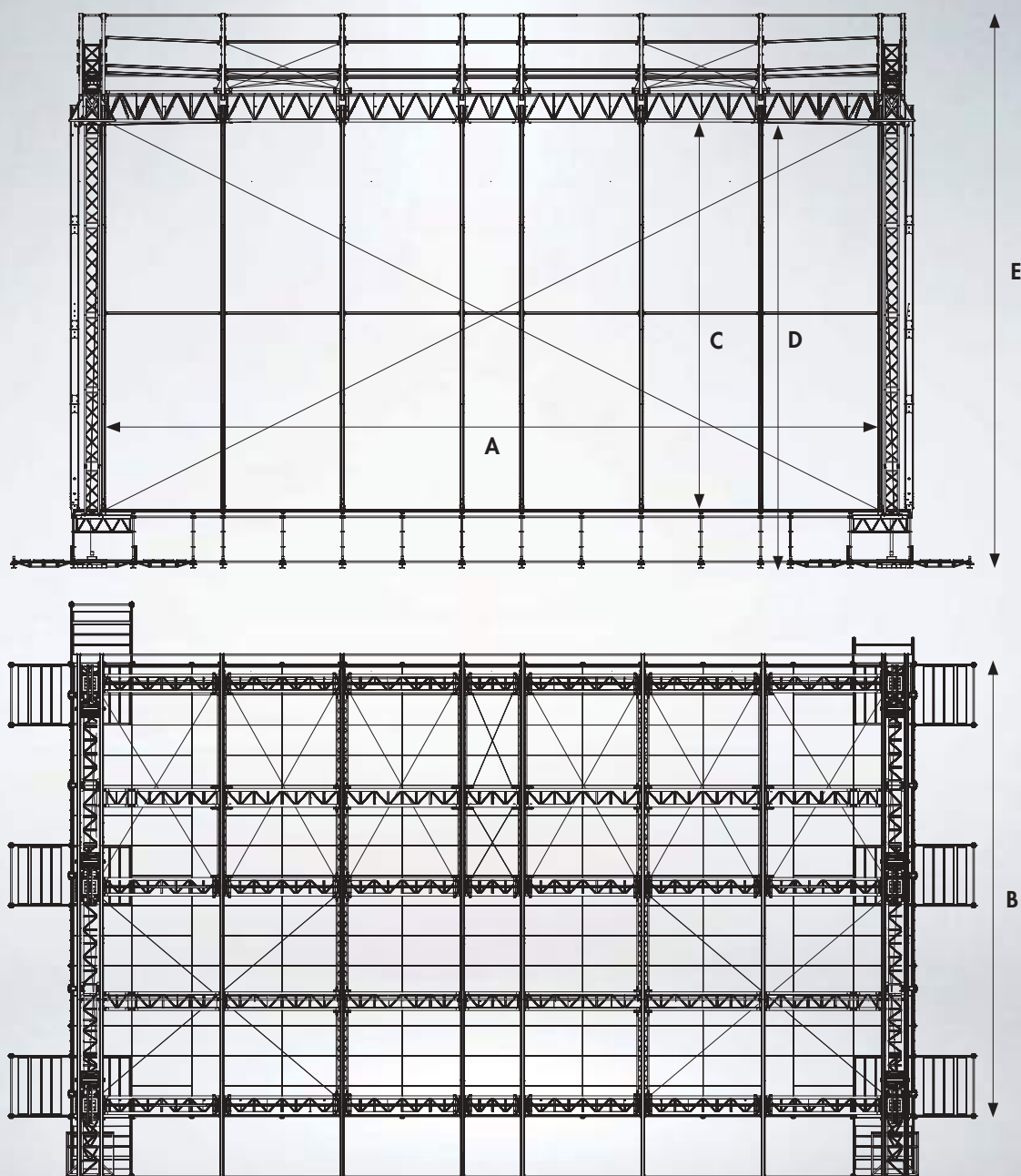
\*in kg | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### PR-15 Sizes & Loading Imperial

PR-15 TTS Pitch Roof	85x50 ft.	80x50 ft.	67x50 ft.	55x40 ft.
User Load Roof UDL:*	59.084	70.548	82.894	94.358
User Load Roof CPL:*	50.706	60.847	68.343	79.366
User Load PA frame:*	4.400	4.400	4.400	4.400
Max. Wind Force:**	10 Bft	10 Bft	10 Bft	10 Bft

\*in lbs | \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

PR-15 dimensions:*	Metric*				Imperial**			
	26x15 m.	24x15 m.	20x15 m.	16x12 m.	85x50 ft.	80x50 ft.	67x50 ft.	55x40 ft.
<b>A</b> Width	26,2	24,2	20,2	16,2	86,0	79,4	66,3	53,1
<b>B</b> Depth	14,4	14,4	14,4	14,4	47,2	47,2	47,2	47,4
<b>C</b> Clearance (stage)	13,0	13,0	13,0	13,0	42,7	42,7	42,7	42,7
<b>D</b> Clearance (ground)	14,9	14,9	14,9	14,9	48,9	48,9	48,9	48,9
<b>E</b> Rooftop Height	18,6	18,6	18,6	18,4	61,0	61,0	61,0	60,4
Stage area	377 <sup>m2</sup>	348 <sup>m2</sup>	291 <sup>m2</sup>	233 <sup>m2</sup>	4059 <sup>ft2</sup>	3747 <sup>ft2</sup>	3129 <sup>ft2</sup>	2517 <sup>ft2</sup>

\* in mtrs | \*\* in feet

A large crowd of people is gathered at a night event. In the background, there is a large, white, tent-like structure with a star on its side, and a tall, illuminated tower. The scene is partially covered by a blue diagonal overlay.

# Tunnel Roofs









## TR-10 Tunnel Roof

The TR10 Tunnel Roof is a hinged truss based structure with an eye on beauty and strength.

The Tunnel Roof consist of standard HD34 straight truss sections and carriers great features like an impressive free clearance of 7,5m (24,6ft) and an integrated cantilever of ladder truss. Beside this a clamped on keder tent profile on the truss sections for its canopy, guarantees you a full closing and allows you full flexibility in depth.

Using HD34 in a different way and shape. The tunnel shape gives you impressive load figures. Build from HD34 and using an integrated base in the steel scaffolding stage with Eurotruss stage decks topping it off. Also available as stand alone structure, ask for the possibilities.

### Specifications

Tunnel Arcs:	HD34 Truss + Special corner pieces
Covering:	Tent Keder profiles with PVC Canopy
Size:	12x10 m.
Options:	PA Wings, Side Houses

### TR-10 Sizes & Loading Metric

TR-10 Tunnel Roof	12x10 m.
User Load Roof UDL:*	3.300
User Load Roof CPL:*	2.100
Max. Wind Force:**	10 Bft

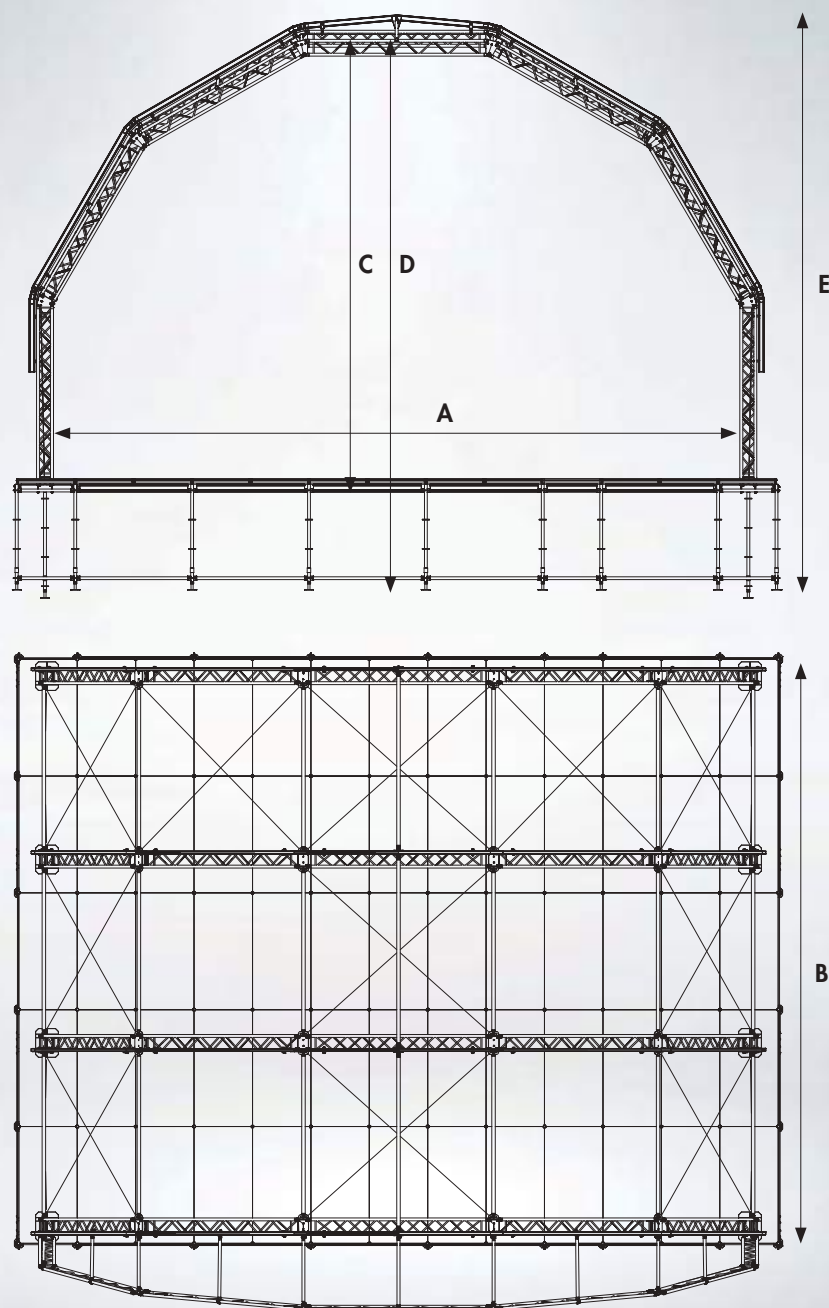
\*in kg / \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### TR-10 Sizes & Loading Imperial

TR-10 Tunnel Roof	40x33 ft.
User Load Roof UDL:*	7.275
User Load Roof CPL:*	4.630
Max. Wind Force:**	10 Bft

\*in lbs / \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

TR-10 dimensions:*	Metric*	Imperial**
	12x10 meters	40x33 feet
<b>A</b> Width	11,7 meters	38,4 feet
<b>B</b> Depth	9,7 meters	31,8 feet
<b>C</b> Clearance (stage)	7,4 meters	24,3 feet
<b>D</b> Clearance (ground)	9,3 meters	30,5 feet
<b>E</b> Rooftop Height	9,8 meters	32,2 feet
Stage area	113m <sup>2</sup>	1236ft <sup>2</sup>

\* in mtrs | \*\* in feet



## TR-20 Tunnel Roof

The TR20 Tunnel Roof is a hinged truss based structure with an eye on beauty and strength.

The Tunnel Roof consist of standard HD44 straight truss sections and carriers great features like an impressive free clearance of 9m (29,5ft) and an integrated cantilever of ladder truss. Beside this a clamped on keder tent profile on the truss sections for its canopy, guarantees you a full closing and allows you full flexibility in depth. The roof comes in two versions, 14m (46ft) wide and 10m (32,8ft) deep and maximum 14m (46ft) deep.

Using HD44 in a different way and shape. The tunnel shape gives you impressive load figures. Build from HD44 and using an integrated base in the steel scaffolding stage with Eurotruss stage decks topping it off. Also available as stand alone structure, ask for the possibilities.

The TR20 Tunnel roof is available in two sizes, 14x10 with four arcs and 14x14 with five arcs. The version with three arcs is not listed but can be built with an extra reinforcement crosswire in the last arc. Both standard sizes can be built in this reduced depth without adding extra material.

### Specifications

Tunne Arcs:	HD44 Truss + Special corner pieces
Covering:	Tent Keder profiles with PVC Canopy
Size:	14x14, 14x10 m.
Options:	PA Wings, Side Houses

### TR-20 Sizes & Loading Metric

TR-20 Tunnel Roof	14x14 m.	14x10 m.
User Load Roof UDL:*	5.850	4.680
User Load Roof CPL:*	5.000	4.000
Max. Wind Force:**	10 Bft	10 Bft

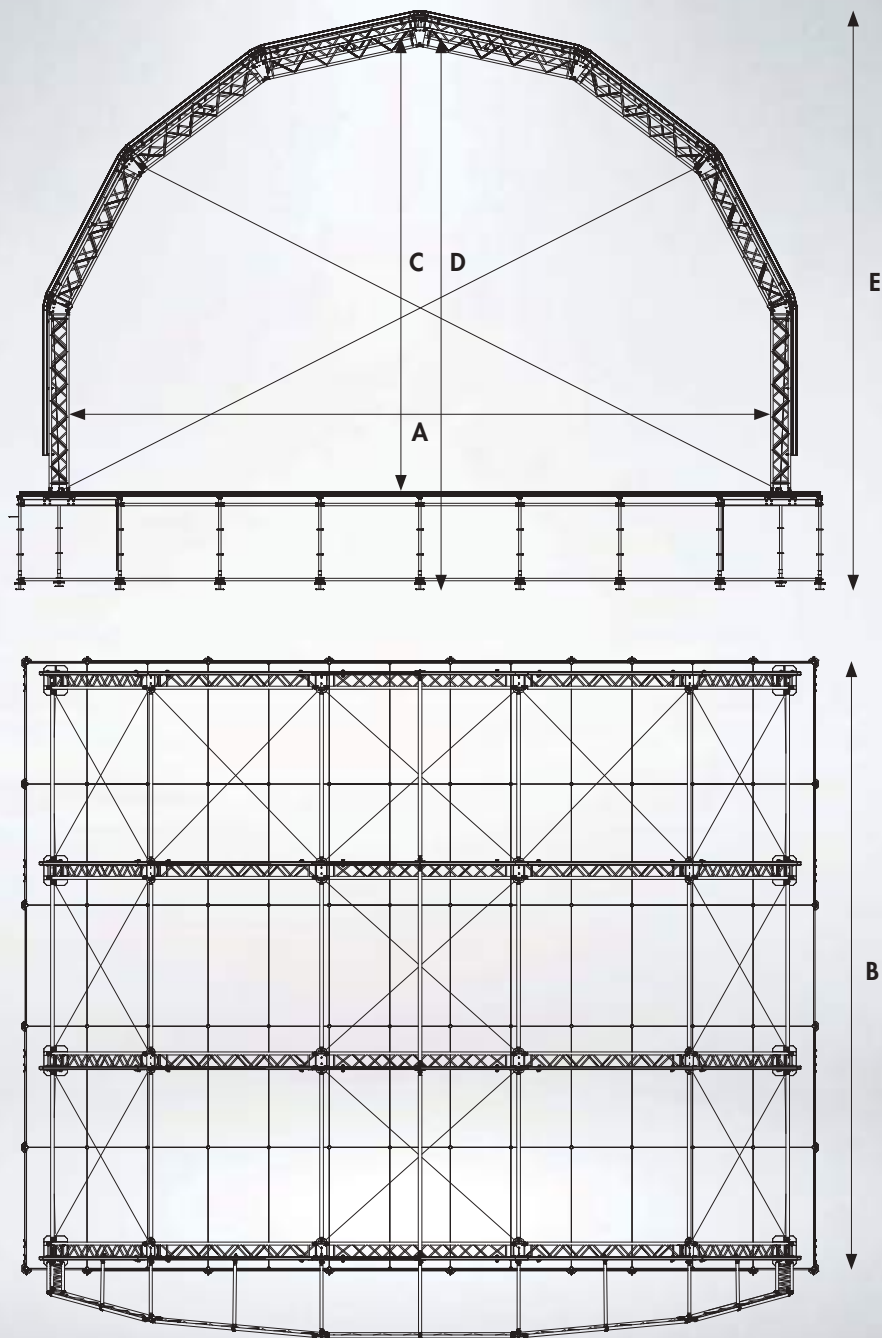
\*in kg / \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).

### TR-20 Sizes & Loading Imperial

TR-20 Tunnel Roof	46x46 ft.	46x33 ft.
User Load Roof UDL:*	12.897	10.317
User Load Roof CPL:*	11.023	8.818
Max. Wind Force:**	10 Bft	10 Bft

\*in lbs / \*\*Walls (side/back) must be removed if Wind Speed exceeds 72 km/hrs (9bft).





## Dimensions

TR-20 dimensions:*	Metric*		Imperial**	
	14x14 m.	14x10m.	46x46 ft.	46x33 ft.
<b>A</b> Width	14,0	14,0	45,9	45,9
<b>B</b> Depth	14,0	10,6	45,9	34,7
<b>C</b> Clearance (stage)	9,1	9,1	29,9	29,9
<b>D</b> Clearance (ground)	11,0	11,0	36,1	36,1
<b>E</b> Rooftop Height	11,7	11,7	38,4	38,4
Stage area	196 <sup>m2</sup>	148 <sup>m2</sup>	2107 <sup>ft2</sup>	1593 <sup>ft2</sup>

\* in mtrs | \*\* in feet



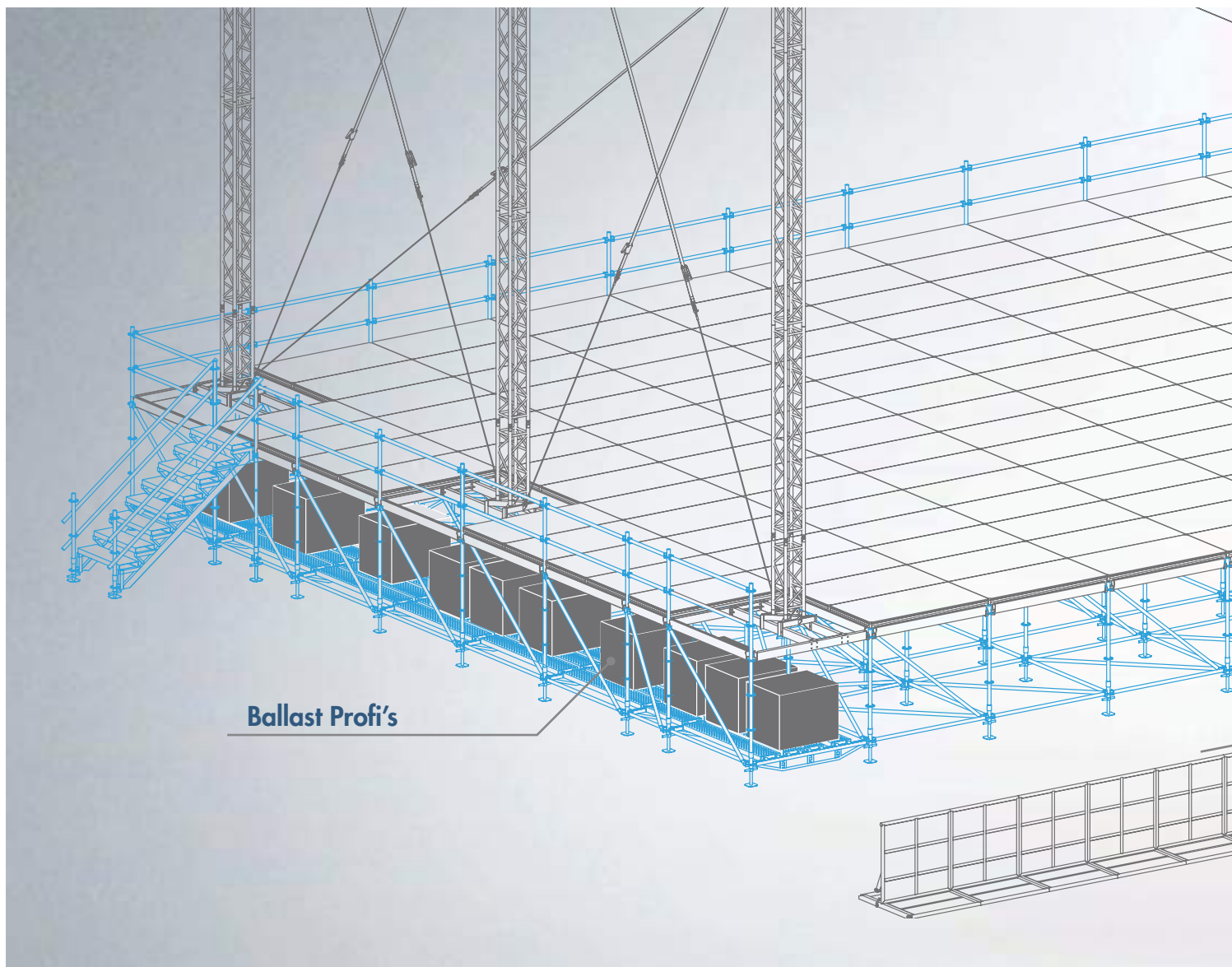
# Stage Integration & Ballast Solutions

- Scaffolding Stage
- Base options
- Ballast Solutions









## Stage Equipment

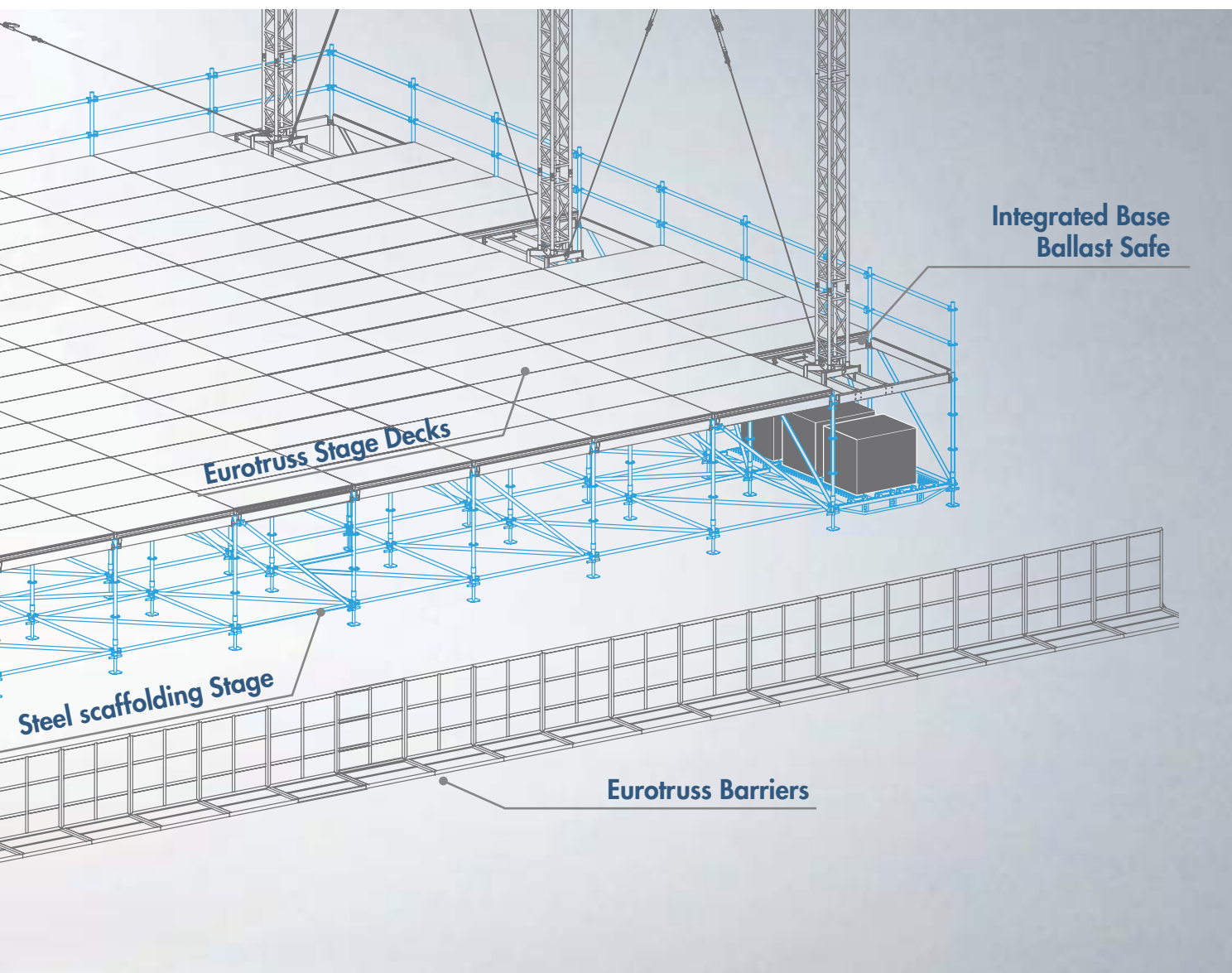
Eurotruss is a specialist and total supplier of stage technology for your events. We love the challenge and responsibility of accompanying all stage related products and designs beyond the point of sale to ensure a successful use and implementation.

Central to our organizations' philosophy is providing maximum support in the area of training and high quality service. Only through the continuous exchange of ideas and experience with both customers and partners Eurotruss can provide detailed and well-informed solutions to the complexity in modern stage technology. In addition, Eurotruss offers product and servicing literature as well as online support. Besides that structural reports and static calculations will be supplied in cooperation with the best independent engineering partners.

Stage technology, just all under one roof!

Eurotruss has developed some game changing stage & ballast solutions. Integrated Bases, Fast, safe and economic Stage and Flooring and super smart foldable ballast are a just a few highlighted innovations of Eurotruss. Number one Brand in Outdoor Stages.





## Steel scaffolding stage

A modular designed stage system build on a standard steel scaffolding system. The perfect system to get a level stage floor to set up a roof system. Eurotruss offers the top of the line scaff fully compatible with the standard Eurotruss Stage Decks to create a state of the art stage which is safe, fast to build and economic.

## Ballast Safe

A modular base section to integrate aluminium ground support towers (Roof Systems) with steel scaffolding stages reducing lots of required ballast, allows you to work and build on a levelled flat floor and increase the clearance and stage access.

One of the most rewarded and game changing innovations from the Eurotruss Brain.

## Ballast Base & Compression Beams

Next to the standard Bases and Ballast Safe Eurotruss also offers the Ballast Base which is a steel base solution designed to carry pallet sized ballast in the perfect spot and guarantees you a fast, easy and safe set up. Between the towers compression beams can be used to reduce the total ballast requirement.

## Foldable Ballast Tanks

The foldable ballast tanks are the perfect ballast solution which is easy to stack with a minimum of self weight and volume. A huge saving in cost, transport and storage.

## Barriers

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## Stage Structures

The Eurotruss Steel Scaffolding Stage Structures start from a basic unit, each podium grows by the system dimensions (2x2m standard or 2,07x2,07m and 2,07 x2,57m) to the required size. Side guard rails (hand railing) and stairways available and easy to be build.

The steel scaffoldings advantages in general:

**Basic Unit:** Can be extended as required with various choices of layouts and levels.

**Substructure:** High Load Bearing Capacity, rapid installation and dismantling, pallet packed.

**Practically-minded design:** Strong connector technology, ergonomic handling, low-wear aluminium parts, corrosion-proof thanks to hot-dip galvanization, space-saving storage. The unique and highly flexible technology, proven in scaffolding construction, forms the basis for high-strength connections and supporting structures as Roof Systems.

Due to its strength a steel scaffolding stage is capable of integrate the towers of the Roof System (using a Ballast Safe) and than the complete stage counts as ballast which reduces the need for additional ballast.



## STEEL SCAFFOLDING STAGE



## How it works

A few basic components - standard, ledger, diagonal brace, deck - form the basic for almost unlimited uses. Up to 8 connections can be made on one level - rosettes spaced very 0,5m to create the structurally ideal joint. Four narrow openings in the rosette automatically centre the ledgers at right angles and create superior force transmittance.

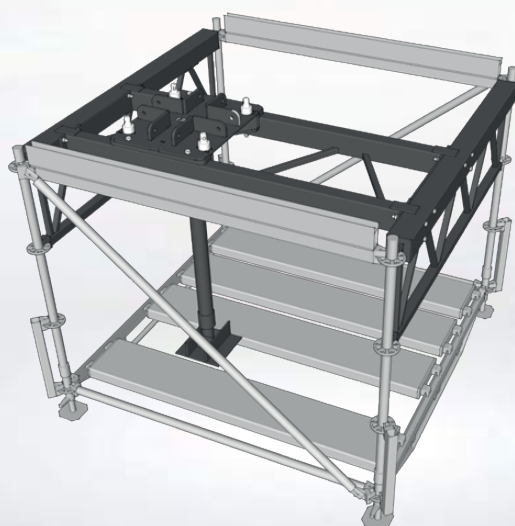
### Facts

- Easy and safe set up, high load bearing capacity stage with guarantee of flat surface
- The stage can adapt roof structure weight and is a counter weight which reduces additional ballast
- Provide possibility to use standard stage decks and integrated Ballast Safes.
- Unlimited uses in heights, layouts, stairways and guard railing,





Ballast Safe



Ballast Safe Reinforced

# Ballast Safe

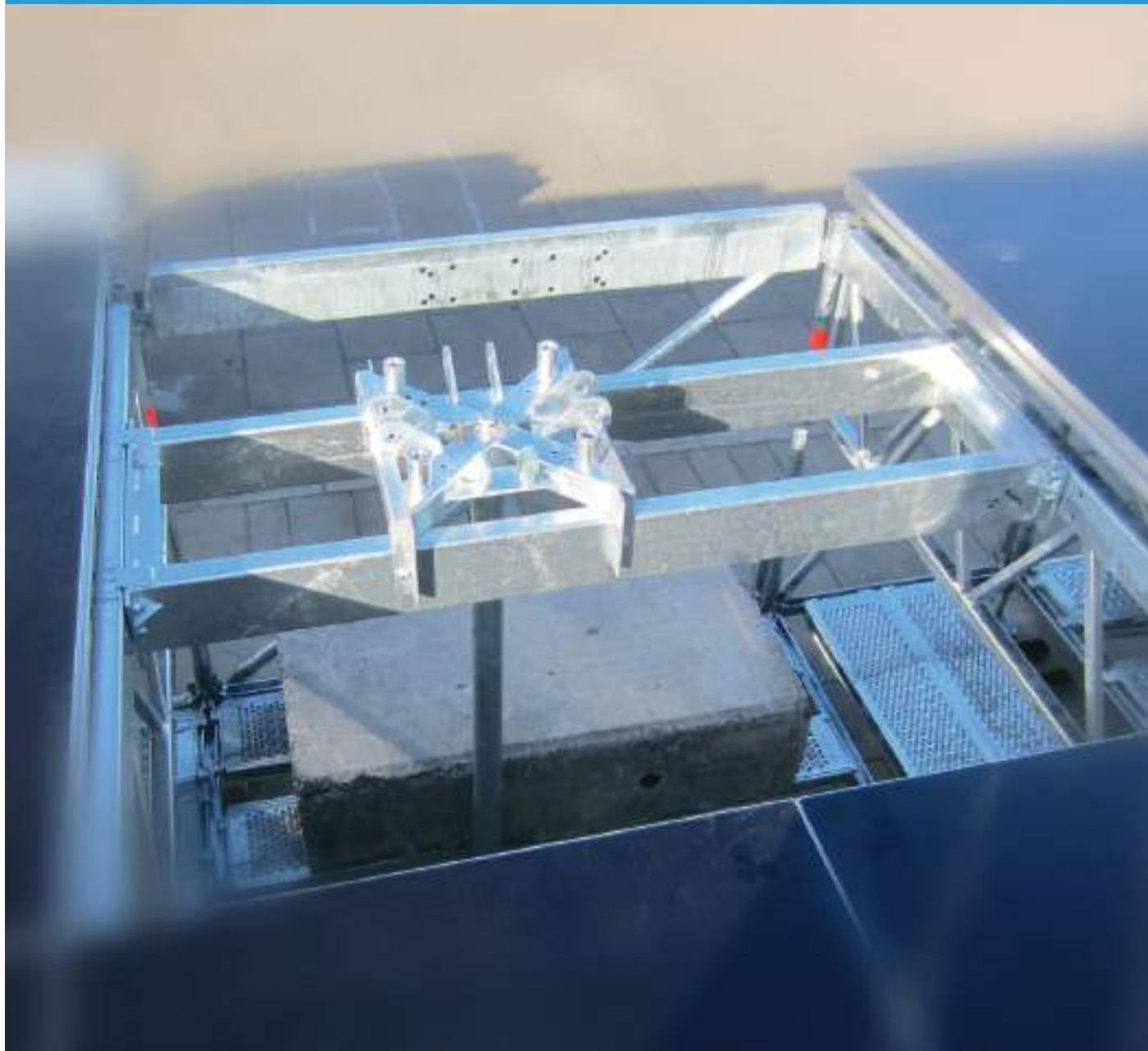
Ballast-Safe is an innovative and clever solution to connect the roof construction to a steel scaffolding stage structure. The Ballast-Safe consists of a Base, a Bridge and two Support Beams. The Ballast-Safe gives the benefit of reducing the total required ballast by taking the self weight of the stage structure.

The stage construction must be a Steel Scaffolding Structure capable of taking horizontal and vertical loads. The Eurotruss Ballast-Safe is suitable to be integrated into a scaffolding structure. The support beams of the Ballast-Safe are equipped with steel wedge heads.

A Ballast-Safe integrated in a roof/ stage structure has the following advantages: Use the self weight of the stage construction to reduce the total required ballast. In a scaffolding stage structure, a levelled platform exists to build on the roof system. There is more »clearance« (distance between ground and main rig). More »free access space« between the cross wiring (sides and back wall) when the Ballast-Safe is placed in the upper area.

**The Ballast Safe is an original Eurotruss concept and product which has proven itself during large in- and outdoor events, especially on Tours with Roof Systems and Steel Scaffolding Stage Structure.**





## How it works

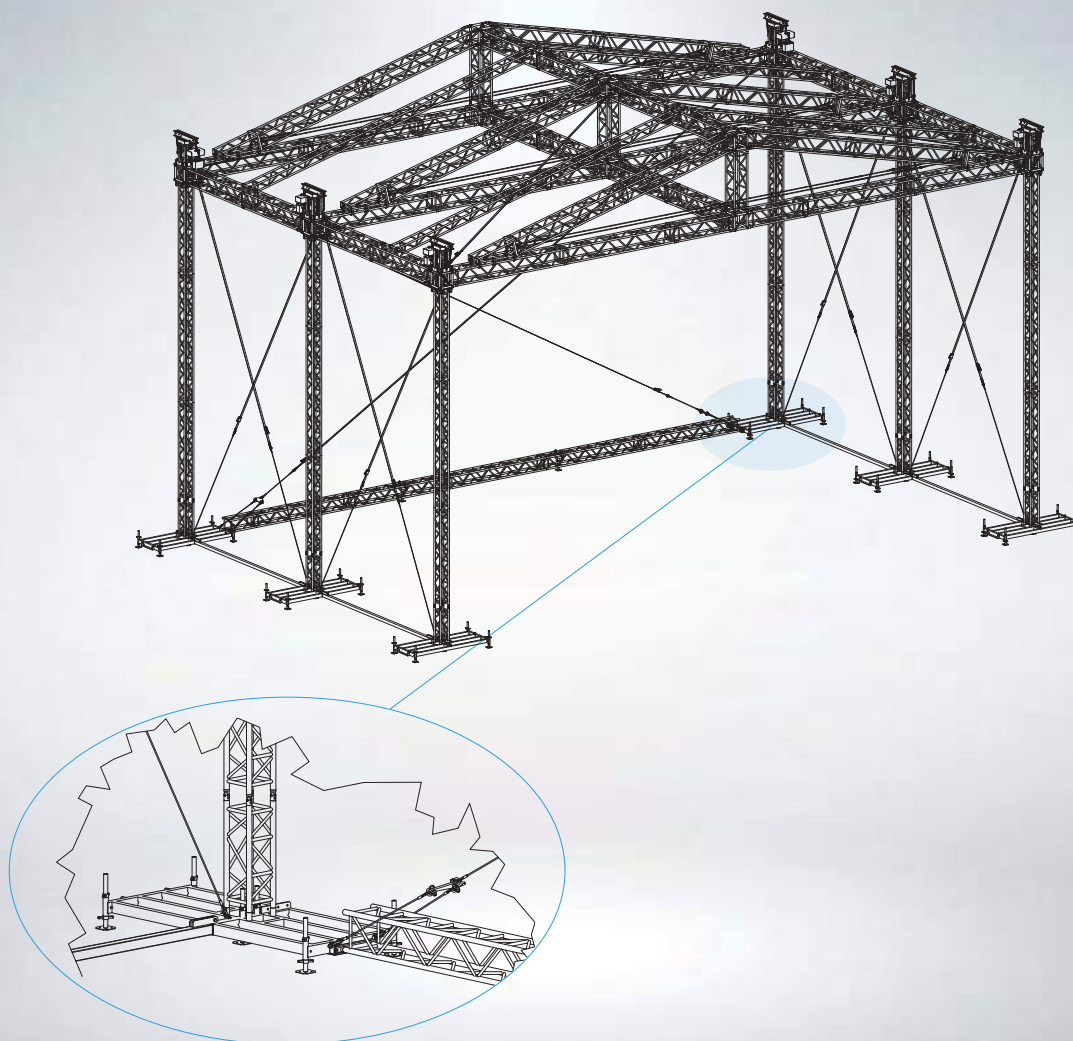
The Ballast-Safe will be integrated in a steel scaffolding stage construction by replacing two of the standard horizontal ledgers by two Support Beams. Between the two support beams a Bridge is placed on which the Base can be mounted. All the parts of the Ballast-Safe must be bolted together. On the Base the female receivers must be mounted to attach the tower.

### Facts

- Easy and safe set up on flat stage
- Cost effective solution as no standard bases are required
- Stage can be build before Roof Set Up
- Total height of Roof System can be enlarged.
- Reducing Ballast, Perfect Position of guy wiring

### Specifications

Productcode	Description
<i>BS-35</i>	Ballast Safe for TD35
<i>BS-35R</i>	Ballast Safe for TD35 Reinforced
<i>BS-44</i>	Ballast Safe for TD44
<i>BS-44R</i>	Ballast Safe for TD44 Reinforced
<i>BS-50</i>	Ballast Safe for TD50
<i>BS-50R</i>	Ballast Safe for TD50 Reinforced



## Ballast Base & Compression Beams

Non-stage integrated towers require more ballast and on the right spot. The more the ballast is put away from the given spot more ballast needs to be added. Eurotruss offers a perfect preset pallet sized ballast base which guarantees the perfect ballast positioning. This is the Ballast Base and available for any tower as alternative for the standard base.

Ballast is the necessity to make sure that a truss roof structure is kept in place and protected against winds, sliding or other hazards. In any roof the front, middle and rear towers require ballast. The front towers normally requires much more ballast weight than the others. We can reduce the total ballast requirement if all towers are connected. This solution is called Compression Beams which is available for the ballast base as well as the standard bases.

### Facts

- Ballast reduction
- Fast and safe set up
- Levelling possibility available for all towers

### Ballast Base + Compression Beam

Productcode	Description
<i>BL-35</i>	Ballast Base for TD35
<i>BL-44</i>	Ballast Base for TD44
<i>BL-50</i>	Ballast Base for TD50
<i>CB-35</i>	Compression Beam TD35
<i>CB-44</i>	Compression Beam TD44
<i>CB-50</i>	Compression Beam TD50



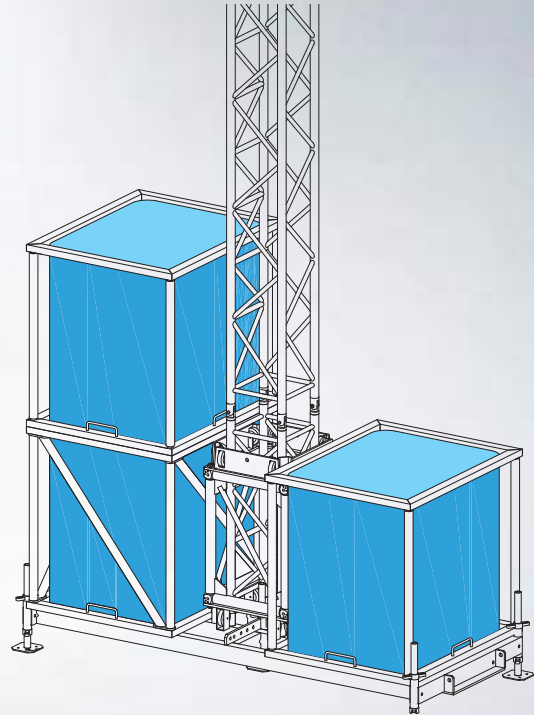
# FOLDABLE BALLAST TANKS



**Ballas Profi® Unfolded**



**Ballas Profi® Folded Storage**



## Foldable Ballast Tanks (Ballast Profi®)

Temporarily covered stages like roof systems and tent structures tend to require massive ballast even if the scaffolding stage is integrated. Standard trussing manufacturers do not always recognize the big impact of massive ballast requirements. Watertanks, concrete blocks etc take huge storage and trucking space as well as renting is not always possible and can be expensive. Eurotruss offers a solution using light, foldable Ballast Tanks as ballast which can be easily stacked with a minimum of self weight and volume. **Your Solution: Ballast Profi®**

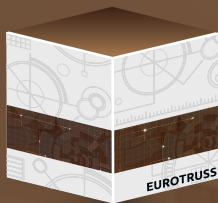
The Ballast Profi® has many advantages due to its foldable design, low self weight, minimum of trucking space. The Ballast Profi® is patented. Standard a single Ballast Profi can take 1.000 ltr water which is equivalent to 1 Ton in kg. By purchasing a stacking kit you can put a second Ballast Profi on top of the other one and you create a double stacked Ballast Profi which is equivalent to 2 Tons in kg Ballast.

### Facts

- Space and Cost Saver
- Fast, Safe and Easy Set Up
- Rely on your own ballast

### Ballast Profi®

Productcode	Description
RT-BP1	Single Ballast Profi 1 Ton
RT-BP2	Stacked Ballast Profi 1 Ton
RP-STK	Stacking Kit



**EUROTRUSS**  
S T A G E   D E C K S







Black Hexa anti-slip plywood

## Pro Deck

The Eurotruss Pro Deck is with its weight of only 29 kg (3,05 lbs/sqft.). one of the lightest decks in the industry.

Two longitudinal beams and a special profile design ensures full stability. High quality is confirmed by TÜV certificate which ensures maximum safety. The Eurotruss Pro Deck is a base for stages, fashion show catwalks, tribunes and conference podiums.

All accessories (self-levelling inserts, barrier clamps, stairs clamps or assembly inserts which can be used to hang curtains or advertising banners) are fastened to the section: The platform top is made of waterproof plywood with an anti-slip layer which is standard available in black.

The platforms can be supported by non-adjustable or telescopic legs which make it possible to smoothly and precisely adjust the platform height within 5 different height ranges. Thanks to their structure, the platforms can be installed both, outdoors in different terrains and indoors (inside the buildings, show halls, theatres etc.).

### Facts

- Weighs only 29 kg.
- 750 kg/m<sup>2</sup>
- Equipped with Black Hexa anti-slip Plywood
- Applicable on Scaffolding
- TÜV approved

### Specifications Pro Deck

	<b>Metric</b>	<b>Imperial</b>
Dimensions:	200 x 100 cm. (standard)	8x4 ft.
Profile Height:	90 mm.	3,54 in.
Plywood:	12 mm. (Anti-slip)	0,47 in. (Anti-slip)
Weight:	29 kg. (200 x 100 cm.)	8x4ft (97 lbs)
Material:	EN AW-6082 T6 and Plywood	





## Full stability design

Two longitudinal beams and a special profile design ensures full stability. High quality is confirmed by TÜV certificate which ensures maximum safety.

## Solid leg connection

The aluminium corner makes a solid leg connection possible, Eurotruss Pro Decks can be supported by non-adjustable or telescopic legs which make it possible to smoothly and precisely adjust the platform height.

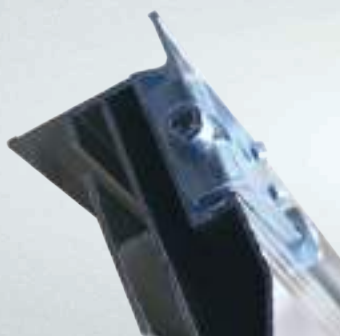


## Special profile

All accessories like self-leveling inserts, barrier clamps, stairs, clamps or assembly inserts which can be used to hang curtains or advertising banners are fastened to the profile section.

## Deck to deck clamping

All accessories like self-leveling inserts, barrier clamps, stairs, clamps or assembly inserts which can be used to hang curtains or advertising banners are fastened to the profile section.





**PRO DECK 200 x 100 cm.**

*productcode: ED-T-SCA03-2x1*



**PRO DECK 100 x 100 cm.**

*productcode: ED-T-SCA03-1x1*



**PRO DECK 200 x 050 cm.**

*productcode: ED-T-SCA03-2x05*



**PRO DECK 100 x 050 cm.**

*productcode: ED-T-SCA03-1x05*

## Imperial Sizing

The Eurotruss Pro Deck is also available in Imperial sizes, this deck is longer and wider than the original Pro Deck. A third longitudinal beam is added to ensure full stability. The Imperial sized Pro Decks make use of 6 legs instead of 4 per deck.

### Pro Deck Imperial Size

Productcode	Size
ED-T-SCA03-8x4	8ft x 4ft.
ED-T-SCA03-4x4	4ft x 4ft.
ED-T-SCA03-8x2	8ft x 2ft.
ED-T-SCA03-4x2	4ft x 2ft.





## Scaffolding integration

After mounting the SCD-28 beam adapter, the Eurotruss Stage Decks are fully compatible with a Scaffolding Stage System. For holding the platforms on the side of the stage stable use the SCD 29 Platform Limiter.

The standard beam adapter is available in 200cm and 100cm for matching the 200x100cm and 100x100cm decks. Alternative sizes are on request.

### Layher Beam Adapter

Productcode	For layher event beam size
ED-ACC-SCD28	200 cm.
ED-ACC-SCD128	207 cm.
ED-ACC-SCD228	8 ft.
ED-ACC-SCD28A	100 cm.
ED-ACC-SCD128A	103,5 cm.
ED-ACC-SCD228B	4 ft.



### Pro Deck Layher

Productcode	Size
ED-T-SCA03-207X104	207 x 104 cm.
ED-T-SCA03-207X104R	207 x 104 cm. (with recessed corners)
ED-T-SCA03-207X030	207 x 30 cm.
ED-T-SCA03-207X074	†



**Platform Limiter**

productcode: ED-ACC-SCD29



## Basic Deck

The Eurotruss Basic Deck is with its weight of only 29 kg (3,05 lbs/sqft.). one of the lightest decks in the industry.

Just as the Pro Deck two longitudinal beams and a special profile design ensures full stability. High quality is confirmed by TÜV certificate which ensures maximum safety.

The Eurotruss Basic Deck is a base for fashion shows, catwalks, tribunes and conference podiums.

Black plywood is standard on the Basis Deck, other colors as shown above are available on request.

All accessories (self-levelling inserts, barrier clamps, stairs clamps or assembly inserts which can be used to hang curtains or advertising banners) are fastened to the section: The platform top is made of waterproof plywood with an anti-slip layer which is standard available in black.

The platforms can be supported by non-adjustable or telescopic legs which make it possible to smoothly and precisely adjust the platform height within 5 different height ranges. Thanks to their structure, the platforms can be installed both, outdoors in different terrains and indoors (inside the buildings, show halls, theatres etc.).

### Facts

- Weighs only 29 kg.
- 750 kg/m<sup>2</sup>
- Equipped with basis in black/brown/grey or natural plywood
- TÜV approved

### Specifications Basic Deck

	<b>Metric</b>	<b>Imperial</b>
Dimensions:	200 x 100 cm. (standard)	8x4 ft.
Profile Height:	90 mm.	3,54 in.
Plywood:	12 mm.	0,47 in.
Weight:	29 kg. (200 x 100 cm.)	97 lbs. (8x4ft)
Material:	EN AVV-6082 T6 and Plywood	





#### Basic Deck Metric

Productcode	Size
ED-BA-SCA03-2x1	200 x 100 cm.
ED-BA-SCA03-1x1	100 x 100 cm.
ED-BA-SCA03-2x05	200 x 050 cm.
ED-BA-SCA03-1x05	100 x 050 cm.

#### Basic Deck Imperial

Productcode	Size
ED-BA-SCA03-8x4	8 x 4 ft.
ED-BA-SCA03-4x4	4 x 4 ft.
ED-BA-SCA03-8x2	8 x 2 ft.
ED-BA-SCA03-4x2	4 x 2 ft.

## Special Decks

For special events of special decor settings we offer a range of special decks. On request we can deliver the Eurotruss basic deck with a Polycarbonate topping in Black, White or Transparent.

#### Special Decks Metric

Productcode	Size	Topping
ED-P-SCB04-2x1	200 x 100 cm.	Polycarbonate Black
ED-P-SCB04-1x1	100 x 100 cm.	Polycarbonate Black
ED-P-SCW04-2x1	200 x 100 cm.	Polycarbonate White
ED-P-SCW04-1x1	100 x 100 cm.	Polycarbonate White
ED-T-SCA04-2x1	200 x 100 cm.	Transparent
ED-T-SCA04-1x1	100 x 100 cm.	Transparent

#### Special Decks Imperial

Productcode	Size	Topping
ED-P-SCB04-8x4	8 x 4 ft.	Polycarbonate Black
ED-P-SCB04-4x4	4 x 4 ft.	Polycarbonate Black
ED-P-SCW04-8x4	8 x 4 ft.	Polycarbonate White
ED-P-SCW04-4x4	4 x 4 ft.	Polycarbonate White
ED-T-SCA04-8x4	8 x 4 ft.	Transparent
ED-T-SCA04-4x4	4 x 4 ft.	Transparent



## Special Decks

For special events like catwalks or special decor settings we offer a range of special decks with polycarbonate toppings.

On request we can deliver the Eurotruss basic deck with a Polycarbonate topping in Black, White or Transparent. The special decks are based on the very stable and strong Eurotruss Pro Deck.

### Facts

- Weighs only ~29 kg.
- 500 kg/m<sup>2</sup>
- Equipped with
- TÜV approved

### Specifications Basic Deck

	<b>Metric</b>	<b>Imperial</b>
Dimensions:	200 x 100 cm. (standard)	8x4 ft
Profile Height:	90 mm.	3,54 in.
Topping:	Polycarbonate.	Polycarbonate
Weight:	~29 kg. (200 x 100 cm.)	~8x4ft (97 lbs)
Material:	EN AVV-6082 T6 and Plywood	





### Special Decks Metric

Productcode	Size	Topping
<i>ED-P-SCB04-2x1</i>	200 x 100 cm.	Polycarbonate Black
<i>ED-P-SCB04-1x1</i>	100 x 100 cm.	Polycarbonate Black
<i>ED-P-SCW04-2x1</i>	200 x 100 cm.	Polycarbonate White
<i>ED-P-SCW04-1x1</i>	100 x 100 cm.	Polycarbonate White
<i>ED-T-SCA04-2x1</i>	200 x 100 cm.	Transparent
<i>ED-T-SCA04-1x1</i>	100 x 100 cm.	Transparent

### Special Decks Imperial

Productcode	Size	Topping
<i>ED-P-SCB04-8x4</i>	8 x 4 ft.	Polycarbonate Black
<i>ED-P-SCB04-4x4</i>	4 x 4 ft.	Polycarbonate Black
<i>ED-P-SCW04-8x4</i>	8 x 4 ft.	Polycarbonate White
<i>ED-P-SCW04-4x4</i>	4 x 4 ft.	Polycarbonate White
<i>ED-T-SCA04-8x4</i>	8 x 4 ft.	Transparent
<i>ED-T-SCA04-4x4</i>	4 x 4 ft.	Transparent

## Legs & Legs accessories

### Standard Round Legs

These fixed legs come in various heights.  
The ordered leg height determines the height of the platform.

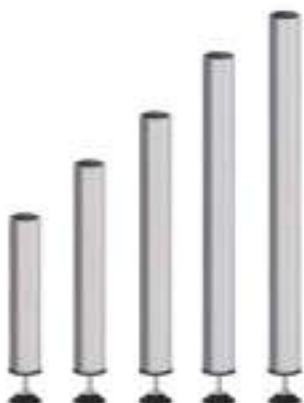


#### Round Legs (Height = deck height)

Productcode	Height Metric	Height Imperial
ED-SLR-02	20 cm.	07.9 in.
ED-SLR-03	30 cm.	11.8 in.
ED-SLR-04	40 cm.	15.7 in.
ED-SLR-05	50 cm.	19.7 in.
ED-SLR-06	60 cm.	23.6 in.
ED-SLR-07	70 cm.	27.5 in.
ED-SLR-08	80 cm.	31.5 in.
ED-SLR-09	90 cm.	35.4 in.
ED-SLR-10	100 cm.	39.4 in.
ED-SLR-11	110 cm.	43.3 in.
ED-SLR-12	120 cm.	47.2 in.

### Round Legs + Adjustable foot

These elements allow construction at different heights.  
Adjustable legs enable seamless height adjustment in small ranges.



#### Round Legs + Adjustable foot (Height = deck height)

Productcode	Height Metric	Height Imperial
ED-SLR-ADJ-02	20 cm.	07.9 in.
ED-SLR-ADJ-03	30 cm.	11.8 in.
ED-SLR-ADJ-04	40 cm.	15.7 in.
ED-SLR-ADJ-05	50 cm.	19.7 in.
ED-SLR-ADJ-06	60 cm.	23.6 in.
ED-SLR-ADJ-07	70 cm.	27.5 in.
ED-SLR-ADJ-08	80 cm.	31.5 in.
ED-SLR-ADJ-09	90 cm.	35.4 in.
ED-SLR-ADJ-10	100 cm.	39.4 in.
ED-SLR-ADJ-11	110 cm.	43.3 in.
ED-SLR-ADJ-12	120 cm.	47.2 in.

### Telescopic Legs

Telescopic legs ensures a fluent regulation of the platform height in the defined range.



#### Telescopic Legs (Height = deck height)

Productcode	Height Metric	Height Imperial
ED-TLR-45-60	45 ~ 60 cm.	17.7 ~ 23.6 in.
ED-TLR-60-90	60 ~ 90 cm.	23.6 ~ 35.4 in.
ED-TLR-90-140	90 ~ 140 cm.	35.4 ~ 55.1 in.
ED-TLR-100-160	100 ~ 160 cm.	39.4 ~ 63.0 in.
ED-TLR-120-190	120 ~ 190 cm.	47.2 ~ 70.8 in.
ED-TLR-150-220	150 ~ 220 cm.	59.0 ~ 86.6 in.



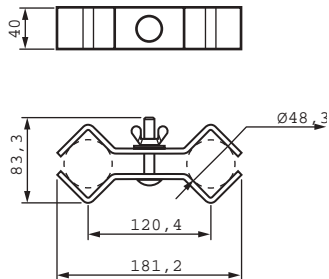
# Round Legs with Castor

Round legs with Castors are special designed to use the Eurotruss Stage Deck for example as a drum riser or movable platform.

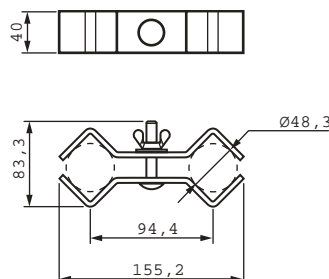


## Round Leg with Castor (Height = deck height)

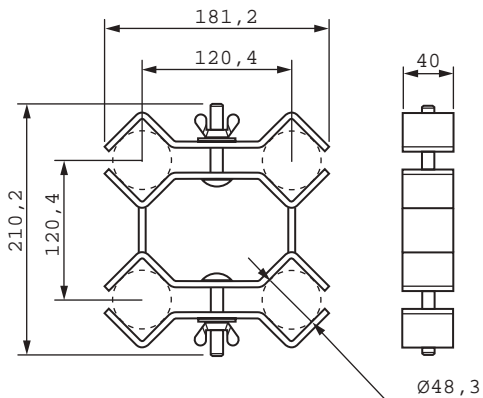
Productcode	Height Metric	Height Imperial
ED-SLC-03	30 cm.	11.8 in.
ED-SLC-04	40 cm.	15.7 in.
ED-SLC-03B	30 cm. + brake	11.8 in. + brake
ED-SLC-04B	40 cm. + brake	15.7 in. + brake



**LEG TO LEG CLAMP - SINGLE**  
productcode: ED-ACC-LTLR-S



**LEG TO LEG CLAMP - OVERLAP**  
productcode: ED-ACC-LTLR-S1

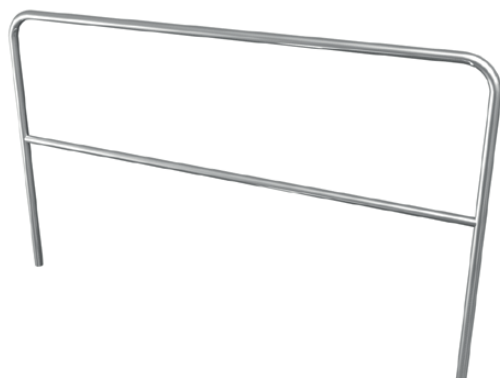


**LEG TO LEG CLAMP - DOUBLE**  
productcode: ED-ACC-LTLR-D

# Safety Railings

## Standard Handrailing

Aluminum handrails can be used with Deck 200x100cm, they are very durable and at the same time very light. The additional bar is a protection against sliding for example flight cases.



### Standard Handrailing

Productcode	Length	Height
ED-SHR-SBA-5	200 cm.	120 cm.
ED-SHR-SBA-6	100 cm.	120 cm.
ED-SHR-SBA-15	8 ft.	4 ft.
ED-SHR-SBA-16	4 ft.	4 ft.

*\*All handrailings are delivered with connectors for deck connection*

## Heavy Duty Handrailing

The Heavy Dut handrailings can be used with Deck 200x100cm, they are very durable and very safe. The vertical bars make the Heavy Duty handrailing childsafe.



### Heavy Duty Handrailing

Productcode	Length	Height
ED-SHR-SBA-5R	200 cm.	120 cm.
ED-SHR-SBA-6R	100 cm.	120 cm.
ED-SHR-SBA-15R	8 ft.	4 ft.
ED-SHR-SBA-16R	4 ft.	4 ft.

*\*All handrailings are delivered with connectors for deck connection*



## Standard Handrailing with Plexiglas

Aluminum handrails can be used with Deck 200x100cm, they are very durable and at the same time very light. The additional bar is a protection against sliding for example flight cases.



### Standard Handrailing with Plexiglas

Productcode	Length	Height
ED-SHR-SBP-5	200 cm.	120 cm.
ED-SHR-SBP-6	100 cm.	120 cm.
ED-SHR-SBP-15	8 ft.	4 ft.
ED-SHR-SBP-16	4 ft.	4 ft.

*\*All handrailings are delivered with connectors for deck connection*

## Handrailing For Stairways

These handrailings carry a special shape to fit on the side of a stairway, they are very durable and safe. Combined with stairs you create a safe stairway to enter the platform.



### Handrailing For Stairways

Productcode	Length	Height	For use with
ED-SHR-SBA-S	228 cm.	75 cm.	Stairs Adjustable
ED-SHR-SBA-S1	141 cm.	165 cm.	Stairs Fixed 3 steps
ED-SHR-SBA-S2	228 cm.	204 cm.	Stairs Fixed 4-5 steps

# Stairs

## Stairs Fixed

Modular stairs with all steps of the same height; available in four different heights. The stairs have adjustable feet which make it possible to place and level the stairs on uneven surfaces. The material of the construction is welded from steel profiles, the steps are made of 15mm plywood and have adjustable feet with an adjustment-range of 20mm.



\* Stairs are standard delivered without the safety railing



**STAIRS 1st PART HEIGHT 20+40 CM.**

productcode: EDS-SM-04



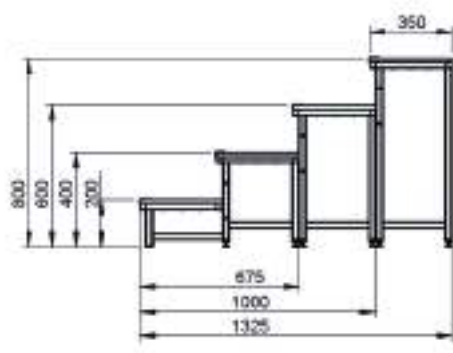
**STAIRS 3rd PART HEIGHT 60 CM.**

productcode: EDS-SM-06



**STAIRS 4th PART HEIGHT 80 CM.**

productcode: EDS-SM-08



**HAND RAILING ASSEMBLY CLAMP**

productcode: ED-ACC-SCD11

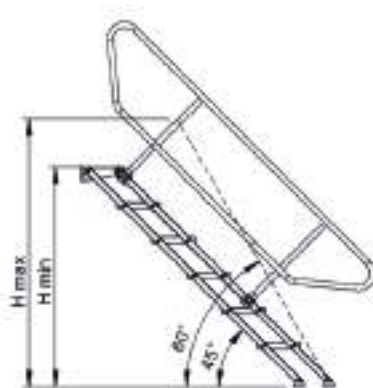


## Stairs Adjustable

Adjustable stairs ensure quick and smooth assembly. They are made of heavy-duty steel sections and the stairsteps are filled with anti-slip plywood. The staircase is self angled because of the movable steps mounted in the frame.



\* Stairs are standard delivered without the safety railing



Attachment to the deck

### Stairs Adjustable Metric

Productcode	Height	Length
ED-AS-SPS-04	40 ~ 60 cm.	1.715 mm.
ED-AS-SPS-06	60 ~ 100 cm.	2.025 mm.
ED-AS-SPS-08	80 ~ 140 cm.	2.335 mm.
ED-AS-SPS-10	100 ~ 180 cm.	2.645 mm.

### Stairs Adjustable Imperial

Productcode	Height	Length
ED-AS-SPS-041	16 ~ 24 inches	67.5 in.
ED-AS-SPS-060	24 ~ 40 inches	79.7 in.
ED-AS-SPS-081	32 ~ 48 inches	91.9 in.
ED-AS-SPS-101	40 ~ 72 inches	104.1 in.

## Accessories

### Deck to Deck clamp



The Deck to Deck clamp is used to connect the deck profile to each other. The deck to deck clamps ensure a safe and stable stage construction.

#### Deck to Deck clamp

Productcode	Material
ED-ACC-SCD01	Galvanized steel

### Deck to Deck clamping clamp



The Deck to Deck clamping clamp can be used to connect the deck profiles to each other in very low stage constructions. These clamps are inserted into the profile and pull them together. Fasten with an Allen Key.

#### Deck to Deck clamping clamp

Productcode	Material
ED-ACC-SCD24	Galvanized steel

### Self leveling insert



To level the Decks on an even line you can use the self leveling insert which levels the decks on one line. Three self leveling inserts per deck are used for the best result.

#### Self leveling insert

Productcode	Material
ED-ACC-SCD03	Hard PVC

### Assembly insert



When you want to attach decor or other objects to the stage decks you can use the assembly insert, slide this insert in the profile and connect your object or decor to the stage deck with a M8 bolt.

#### Assembly insert

Productcode	Material
ED-ACC-SCD03	Galvanized steel

### Hand railing link



The hand railing link connects the hand railing / barriers together to create a solid railing.

#### Hand railing link

Productcode	Material
ED-ACC-SCD18	Galvanized steel & PVC



# Trolleys

Raw Steel Trolleys to be used for transport purpose of Eurotruss Decks and / or Handrailings. Trolleys can be used for every type and size.

## Trolley for deck



### Trolley for deck

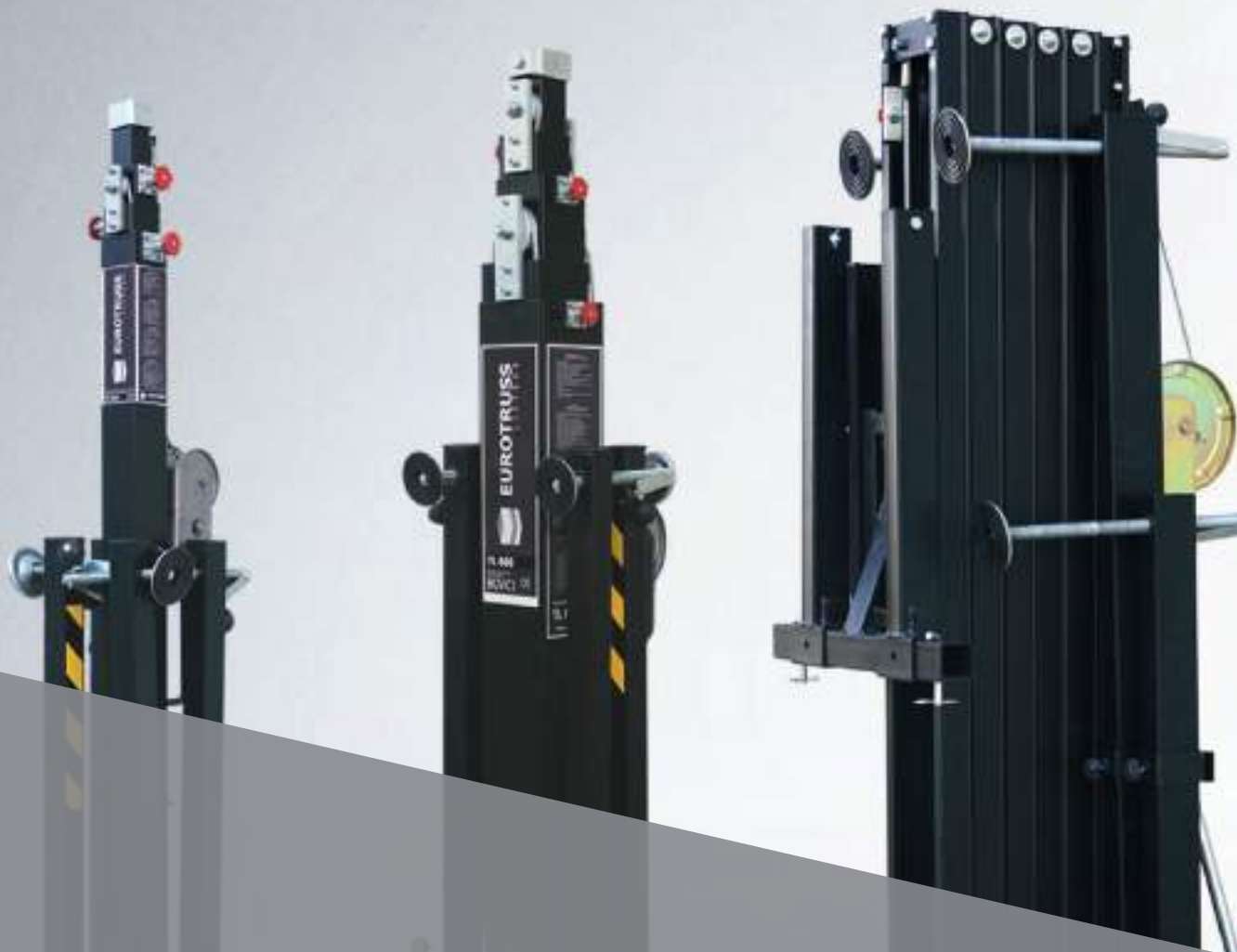
Productcode	Dimensions
ED-TROL-ED	230x102x96 cm. / 90,5x40,2x37,8 in.

## Trolley for hand-railing



### Trolley for hand-railing

Productcode	Dimensions
ED-TROL-HR	230x102x151 cm. / 90,5x40,2x59,4 in.



# EUROTRUSS

L I F T E R S







Meet the lifters, a real riggers delight  
to crank it up fast and safe!





# EUOTRUS LIFTERS

These lifters have been developed for professionals and carry impressive features as state of the art safety device, impressive loads at given heights and user friendly design.

- All Eurotruss Lifters are in accordance to European Machinery Regulations
- CE marked product quality
- Certificated to BGV C1
- Self braking oversized ALKO winches
- Oversized basements, steel cables and locking bolts due to mishandling dangers
- Reinforced rails on all high load FL&FLS series
- Additional Rail Blocking System (RBS) on all high load FL&FLS series
- European production quality





# SYSTEM OVERVIEW



## TL-530

Type:	Toploader
Max Height:	5,3m. / 17,3 ft
Max Load:	150kg. / 331 Lbs
Weight of lifter:	43kg. / 95 Lbs
Number of profiles:	4



## TL-660

Type:	Toploader
Max Height:	6,6m / 21,7 ft
Max Load:	310kg. / 639 Lbs
Weight of lifter:	184kg. / 406 Lbs
Number of profiles:	5



## FLS-520

Type:	Front Loader Sound
Max Height:	5,2m / 17,1 ft
Max Load:	420kg. / 926 Lbs
Weight of lifter:	191kg. / 421 Lbs
Number of profiles:	4
Dimensions fork:	65cm x 42,5/30,5cm / 25,6"x 16,7"-12"



## FLS-620

Type:	Front Loader Sound
Max Height:	6,2m / 20,3 ft
Max Load:	500kg. / 1102 Lbs
Weight of lifter:	247kg. / 544 Lbs
Number of profiles:	4
Dimensions fork:	85cm x 42/30cm / 33,5"x 16,7"-12"



## FL-830

Type:	Frontloader
Max Height:	8,3m / 27,2 ft
Max Load:	330kg. / 728 Lbs
Weight of lifter:	243kg. / 536 Lbs
Number of profiles:	5
Dimensions fork:	65cm x 42,5/30,5cm / 25,6"x 16,7"-12"



## TL-530 Toploader

The TL-530 is with 4 profiles is the starter of the Eurotruss lifters family. The TL-530 can lift loads up to 150 kg to a maximum of 5.3 meters high. The high resistance cable for traction is guided by an auto-lubricated pulley.

The lifter is fixed with hyper safety fastener locks to bear lifter strain. Adjustable stabilizers on its legs provide stability in all kind of surface whereas a bubble level allow to balance it.

Four wheels ensure an easy use and transport.  
All Eurotruss lifters are powdercoated black.

### Facts

- Unique locking bolts to bear lifter strain
- Four steel profiles
- Automatic brake winches (manufactured to the VGB 8/10.93 standard).
- Auto-lubricated pulley & high resistance cable
- 35 mm top is suitable with many accessories.
- Additional center stabilizer for better load distributing

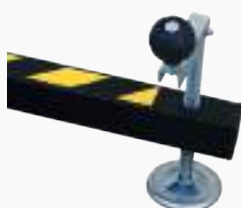
### Specifications TL-530 Toploader

Weight of the lifter:	43.4 kg.	Diameter of toppart:	35 mm.
Min load:	25 kg.	Unfolded base:	1.49 x 1.49 m.
Max load:	150 kg.	Folded base:	0.36 x 0.36 m.
Min height:	1.72 m.	Number of profiles:	4
Max height:	5.30 m.		

\* For imperial info - See page 249



Pulley system and safety pin on each section. Vertex with reinforcement.



High resistance stabilizer legs are equiped with rubber feet base.



The TL-530 is a 4 wheel base lifter. During transport stabilizer legs can be put in the space provided in the base.



## TL-660 Toploader

The TL-660 takes an impressive 310kg load up to 6,6m. The high resistance cable for traction is guided by an auto-lubricated pulley.

The lifter is fixed with hyper safety fastener locks to bear lifter strain. Adjustable stabilizers on its legs provide stability in all kind of surface whereas a bubble level allow to balance it.

The additional center stabilizer holds heavy loads and guarantees better load distributing. Four wheels ensure an easy use and transport. All Eurotruss lifters are powdercoated black.

### Facts

- Unique locking bolts to bear lifter strain
- Five steel profiles
- Automatic brake winches (manufactured to the VGB 8/10.93 standard.
- Auto-lubricated pulley & high resistance cable
- 50 mm top part is suitable with many accessories.
- Additional center stabilizer for better load distributing

### Specifications TL-660 Toploader

Weight of the lifter:	184 kg.	Diameter of toppart:	50 mm.
Min load:	25 kg.	Unfolded base:	1.79 x 1.79 m.
Max load:	310 kg.	Folded base:	0.46 x 0.46 m.
Min height:	1.84 m.	Number of profiles:	5
Max height:	6.60 m.		

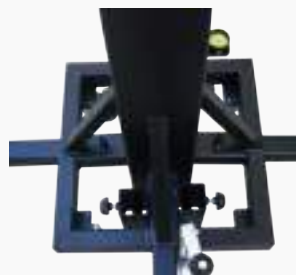
\* For imperial info - See page 249



Pulley system and safety pin on each section. Vertex with reinforcement.



The TL-660 features a strong high quality automatic brake winch that allows heavy load lifting. It has been designed according to the VGB norm.



The TL-660 is a 4 wheel base lifter. During transport stabilizer legs can be put in the space provided in the base.





## FLS-520 Frontloader Sound

FLS-520, a powerful & compact lifter for ground lifting line array up to a 420kg load up at 5,2m. Compact as it is only 1,66m high in folded position and powerful as all parts are reinforced. The position of the front legs and distance between them increase the stability and spacious enough to position the subwoofer.

Unique RBS, locking bolts and brake winch give you the power and the peace of mind to fly your PA.

All Eurotruss lifters are powdercoated black. The FLS-520 combines the great load capacity at a maximum convenience with very compact dimensions

For sure on of the most powerful lifter in our market.

### Facts

- Reinforcement bars to withstand the weight of the load
- Oversized locking bolts & base
- Oversizes steel cables
- Automatic brake winches (manufactured to the VGB 8/10.93 standard).
- Emergency brake system RBS (Rail Blocking System)
- Reinforced Stabilizers

### Specifications FLS-520 Frontloader Sound

Weight of the lifter:	191 kg.	Unfolded base:	2.09 x 1.84 m.
Min load:	30 kg.	Folded base:	0.57 x 0.60 m.
Max load:	420 kg.	Number of profiles:	5
Min height:	1.66 m.	Dimensions fork:	65cm x 42,5/30,5cm
Max height:	5.20 m.		

\* For imperial info - See page 249



Unique locking bolts help with the best grip and handling plus safety.



The FLS-520 has been designed for small Line Array systems, that is why it includes a frontal reinforcement for the bracket.



## FLS-620 Frontloader Sound

FLS-620 is the pro lifter for ground lifting heavy line array

up to a 500kg load up at 6,2m. The FLS-620 has an enhanced reinforcement design to restrain heavier and larger audio systems. Unique RBS, locking bolts and brake winch give you the power and the peace of mind to fly your PA.

The position of the front legs and distance between them increase the stability and spacious enough to position the subwoofer. The FLS-620 is the pro lifter for larger audio systems.

All Eurotruss lifters are powdercoated black.

### Facts

- Reinforcement bars to withstand the weight of the load
- Oversized locking bolts & base
- Oversizes steel cables
- Automatic brake winches (manufactured to the VGB 8/10.93 standard.
- Emergency brake system RBS (Rail Blocking System)
- Reinforced Stabilizers

### Specifications FLS-620 Frontloader Sound

Weight of the lifter:	247 kg.	Unfolded base:	2.51 x 2.15 m.
Min load:	30 kg.	Folded base:	0.75 x 0.74 m.
Max load:	500 kg.	Number of profiles:	5
Min height:	2.00 m.	Dimensions fork:	85cm x 42/30cm
Max height:	6.20 m.		

\* For imperial info - See page 249



Both the FLS-520 & 620 are equipped with brackets to hold the stabilizer legs during transportation.



The reinforced base with leveler is made to cope with the forces of the reinforcing bars that help to withstand the weight of the load during operation.



The reinforcing bars are easily attached to the tower system.



## FL-830 Frontloader

The FL-830 raises a maximum of 330kg up to 8,3m high. Designed for the rough daily business and recommended for challenging set ups. Ensuring maximum convenience, total safety and a lift off load directly from the ground.

The FL-830 is set with a slightly angled body to counter balance loads with perfect stability allowing heavier loads. The FL-830 has an internal RBS emergency system that locks the profiles in place. The easy to handle locking bolts and heavy duty automatic brake winch guarantees safe fold/unfold operations. All Eurotruss lifters are powdercoated black.

### Facts

- Oversized locking bolts & base
- Oversizes steel cables
- Automatic brake winches (manufactured to the VGB 8/10.93 standard).
- Emergency brake system RBS (Rail Blocking System)
- Reinforced Stabilizers

### Specifications FL-830 Frontloader

Weight of the lifter:	243 kg.	Unfolded base:	2.09 x 1.93 m.
Min load:	30 kg.	Folded base:	0.70 x 0.60 m.
Max load:	330 kg.	Number of profiles:	6
Min height:	1.98 m.	Dimensions fork:	65cm x 42,5/30,5cm
Max height:	8.30 m.		

\* For imperial info - See page 249



Unique locking bolts help with the best grip and handling plus safety.



The forks are reversible to lift off loads directly from the ground.



The winch of the FL-830 is equipped with an automatic brake winch for maximum safety.



## Accessories

### Support bar FD/HD/ST Truss



- Adjustable
- Solid & safe Truss brackets
- Black

#### Support bar FD/HD/ST Truss

Productcode	For Lifter	Color
TL-A001	TL-530	Black
TL-A010	TL-660	Black

### Horizontal bar for lighting



- Bar length: 196 cm
- Up to 6 spots
- Black

#### Horizontal bar for lighting

Productcode	For Lifter	Color
TL-A002	TL-530	Black
TL-A011	TL-660	Black

### Platform (for projectors)



- For projectors or other horizontal load)
- Black

#### Platform (for projectors)

Productcode	For Lifter	Color
TL-A003	TL-530	Black

### Truss Adapter FL/FLS series



- For safely attaching truss to the front loader forks
- Black

#### Truss adapter FL/FLS series

Productcode	For Lifter	Color
TL-B001	FL/FLS***	Black

### Line Array adapter bar



- For safely attaching Line Arrays to the FL/FLS series
- Black

#### Line Array adapter FLS series

Productcode	For Lifter	Color
FLS-C001	FL/FLS***	Black



# EUROTRUSS

B A R R I E R S







A large crowd of people at a concert or festival, with their hands raised in the air. The scene is illuminated by bright stage lights and spotlights. A large red diagonal overlay covers the left side of the image.

## SAFETY & COMFORT

Crowd barriers are commonly used at events calling for demarcation or prohibition of access to and from open spaces. Eurotruss is pleased to present the crowd barriers series. They are made in aluminium, a durable and absolutely environmental friendly material. They are foldable, easy to remove, store, transport and install and disassemble. They distinguish themselves for their high quality, corrosion and aging resistance, offering a combination of optimum safety and comfort for both the audience and rescue personnel. They are connected one by one, and feature extended footboard to make the barriers more stable as well as an adjustable corner. The slope on front board avoids accidental tripping.



## LT-B Standard Barrier

Standard lightweight crowd control systems.

They can be bolted together for one firmly anchored fence that will remain in place even in very agitated situations.

The barrier is held in place by the audience standing on top of the floor plate on the front side of the barrier section.

They fold flat after use and can be stacked on dollies for easy transport and storage.

On the backside of the vertical part a step is attached between the two braces, giving security personnel the possibility to check visual and when necessary have physical access to the crowd.

### Facts

- Top rail is rounded for audience comfort
- The connection of the Top rail is seamlessly avoiding pinch points
- A step on the backside facilitates visual and physical access to the audience
- The design enables handling without risk of trapped fingers
- Designed with tread plate that prevents liquids from pooling

### Specifications LT-B Standard barrier

	<b>Metric</b>	<b>Imperial</b>
Height:	118,6 cm	46,7 in.
Width:	103,5 cm	40,7 in.
Depth:	125,0 cm	49,2 in.
Weight:	40,3 kg	88,8 lbs.
Material:	EN AW-6082 T6	
Connection:	Connection set (Bolts and nuts)	



## LT-BC Cable access

Crowd barriers are used at sports events, political rallies, parades, demonstrations, and outdoor and indoor performances. This model can hold cables for a safe way of laying and protecting cables, hoses and ducts. All profiles have soft, rounded edges for maximum comfort.

They fold flat after use and can be stacked on dollies for easy transport and storage.

### Facts

- Same material specifications and looks as the standard barrier
- Top rail is rounded for audience comfort
- The connection of the Top rail is seamlessly avoiding pinch points
- The special gap enables crew to feed cables through barrier line
- The design enables handling without risk of trapped fingers
- Designed with tread plate that prevents liquids from pooling

### Specifications LT-BC Cable access barrier

	<b>Metric</b>	<b>Imperial</b>
Height:	118,6 cm	46.7 in.
Width:	103,5 cm	40.7 in.
Depth:	125,0 cm	49.2 in.
Weight:	49,3 kg	108,7lbs.
Material:	EN AW-6082 T6	
Connection:	Connection set (Bolts and nuts)	





## LT-GCS Gate access

Crowd barriers are used when audiences and spectators need to be held at a distance, but sometimes you need to have an easy access. This is the case with this variant provided with a gate. The gate access barrier can be used as regular barrier but also as a gateway enabling crew to walk through.

These barriers ensure safety, high quality and ease of use with ergonomics and easy handling.

They fold flat after use and can be stacked on dollies for easy transport and storage.

### Facts

- Top rail is rounded for audience comfort
- The connection of the Top rail is seamlessly avoiding pinch points
- The design enables handling without risk of trapped fingers
- Designed with tread plate that prevents liquids from pooling

### Specifications LT-GCS Gate access barrier

	<b>Metric</b>	<b>Imperial</b>
Height:	118,6 cm	46.7 in.
Width:	103,5 cm	40.7 in.
Depth:	125,0 cm	49.2 in.
Weight:	45,0 kg	99,2 lbs.
Material:	EN AW-6082 T6	
Connection:	Connection set (Bolts and nuts)	



## LT-VC Variable corner

Apart from the standard section, this barrier can be positioned in several corner angles to meet any environment requirements.

In the middle of the section a hinge allows the barrier to be shaped in any angle without making compromises on the system's strength.

It folds flat after use and can be stacked on dollies for easy transport and storage.

### Facts

- Same material specifications and looks as the standard barrier
- Top rail is rounded for audience comfort
- Allows barrier line designs to be shaped in variable angles
- A Partial floorplate on both sides secures the strength of the section
- The design enables handling without risk of trapped fingers
- Designed with tread plate that prevents liquids from pooling

### Specifications LT-VC Variable corner barrier

	<b>Metric</b>	<b>Imperial</b>
Height:	118,6 cm	46.7 in.
Width:	103,5 cm	40.7 in.
Depth:	125,0 cm	49.2 in.
Weight:	48,0 kg	105,8 lbs.
Material:	EN AW-6082 T6	
Connection:	Connection set (Bolts and nuts)	



## LT-V-Cart Dolly

The dolly cart is specially designed for the Eurotruss barrier range and makes transporting the barriers easy. The dolly holds 10 standard barrier sections and can be stacked on top of each other horizontally to get the most out of space in storage. Four high quality castor wheels ensure easy transportation.

Special attention has been paid to the dolly design, the design ensure crew members can easily load or unload the barriers on a safe way into or out the dolly.

### Facts

- Equipped with high quality castor wheels
- Carries up to 10 barriers
- Made out of high quality materials
- Ensures easy transportation
- Design ensures easy handling of stacking by two crew members.

### Specifications LT-V-CART Barrier dolly

	<b>Metric</b>	<b>Imperial</b>
Height:	127,2 cm	50.1 in.
Width:	136,0 cm	53.5 in.
Depth:	115,5 cm	45.5 in.





**EUROTRUSS**  
R I G G I N G







# Hoists

With ten-thousands of chain hoists sold worldwide, hundreds of big-name users and too many applications to count, our partner ChainMaster is a world leader in the development and production of electric chain hoists adapted to the rigours of day-to-day stage use. Our range includes drives for daily use in the many fields of modern events technology.

Through the use of a wide range of auxiliary equipment offering optimal performance, it is possible to assemble the basic components for every conceivable case, and use them in accordance with a very wide range of national and international guidelines and safety standards.







## Chain Hoists D8

The compact form, robust aluminium casing and low weight of ChainMaster rigging lifts guarantee optimal handling in day-to-day use. An extensive selection of optional fittings and accessories allow worldwide use in line with the widest range of requirement criteria. In combination with ChainMaster control systems, we can offer all users – even for special applications – an all-in-one solution that leaves nothing to be desired.

### Facts

- Capacity 250 kg - 1000 kg
- Climbing Suspension
- Direct Control
- Light and compact Housing
- Precise Chain Guide
- 5-Pocket Chain Wheel
- Textile Chain Bag
- DC Brake
- Patented Friction Clutch for Overload Protection

### Specifications Chain hoists D8

Productcode	Capacity	Speed	Chain	Net. Weight
<i>EHD8-250</i>	250 kg. (550 lbs)	4m/min (13ft/min)	4 x 12 mm (0,16" x0,47")	15 kg. (33 lbs.)
<i>EHD8-500</i>	500 kg. (1100 lbs)	4m/min (13ft/min)	5,2 x 15 mm (0,2"x0,59")	21 kg. (46,3 lbs.)
<i>EHD8-1000</i>	1000 kg. (2200 lbs)	4m/min (13ft/min)	7 x 22 mm (0,28"x0,87")	27 kg. (59,5 lbs.)





## Chain Hoists D8+

Increased safety, flexibility and efficient rigging for complex loads are the main features of D8 Plus chain hoists. Our partner ChainMaster first presented the concept to the Berufsgenossenschaft (institution for statutory accident insurance and prevention in the event industry) many years ago, and in 2004 a working group run by VPLT, the association of event technology companies, published the industry code of practice SR2.0 based on our innovation.

The incorporation of a second brake and BGV C1-standard safety features into BGV D8 chain hoists resulted in a product that does without load additional securing. Sales show that the market clearly approves the concept, not just in Germany but all over the world.

To order Chain hoists in the D8+ variant please use the additional code: **EH-ADD-1000-D8+**





**Controller 4ch, in case with remote +6m cable**

productcode: EC-D8-4-CASE  
for use with hoists above 1 ton use: EC-D8-8-CASE/>1



**Controller 8ch, in case with remote + 6m cable**

productcode: EC-D8-8-CASE  
for use with hoists above 1 ton use: EC-D8-8-CASE/>1



**Controller 16ch, in case with remote + 6m cable**

productcode: EC-D8-16-CASE



**Controller 4/8 ch for D8+ with load display**

productcode: EC-D8+4/8-LD

## Controllers

A controller for extensive rigging projects must be flexible in use, comfortable to operate, versatile in its configuration to adapt to the demands of the individual application, and capable of implementing the operation even of complex structures safely and reliably.

With a variety of products and options unequalled anywhere in the world, the hoists of ChainMaster satisfies these demands.

### Facts

- For Direct Controlled Electric Chain Hoists (DC)
- 4/8/16-ch Motor Distributions
- 19" base station
- Rotary Field And Phase Monitoring
- Monitoring Of Main-, Reversing- And Emergency Contactors



**Tour case with heavy wheels for 1 hoist**

productcode: EH-CASE-01

**Tour case with heavy wheels for 2 hoists**

productcode: EH-CASE-02

## Accessories

### Cables and cable assembly

We are able to supply all types of cables, both in coil and drum form and preassembled with plugs in accordance with your specifications.

### Flightcases

We can deliver your chain hoists and controllers with flightcases, available in different versions.

### Robust chain bags & Suspension kits

Chain bags & suspension kits are available in different sizing.



## Manual Chain Hoists

Next to the electric chain hoist we offer manual chain hoists from 250 kg. up to 1000 kg. A very successful hand hoist produced with the latest technology. Very light and provides great handling due to the compact design.

### Facts

- Ratchet type brake with independent twin pawls for reliability and greater safety
- All parts like bolts, nuts and washers are galvanized. The gear side and hand wheel side covers are mounted together with the same nuts
- Robust chain connection
- European Grade 80 tempered and galvanized load
- Overload protection standard built in (excl. 0,25t)
- Chain according to EN-818-7



**Black chain bag for manual hoist**

productcode: EH-MH-BAG-170/225

### Manual Chain Hoists

Productcode	Capacity	Lifting Height	Weight (10 m.)
EHMH-250 - 6/8/10	250 kg. / 550 lbs.	6,8,10 m. / 20 feet, 26 feet, 33 feet.	10,8 kg. / 23,8 lbs.
EHMH-500 - 6/8/10	500 kg. / 1100 lbs.	6,8,10 m. / 20 feet, 26 feet, 33 feet.	16,5 kg. / 36,4 lbs.
EHMH-1000 - 6/8/10	1000 kg. / 2200 lbs.	6,8,10 m. / 20 feet, 26 feet, 33 feet.	23,4 kg. / 51,6 lbs.



# Rigging Materials

Eurotruss carries a range of rigging accessories which are required on ground supported towers and structures as roof systems. Eurotruss selected hardware for extra safety, dead hanging, rigging and guy wiring. All items meet the working load requirements and safety standards.







## Round slings



Polyester round slings are used when materials like chain, wire rope could damage the load.

- According to standard EN 1492-2
- Safety factor 7
- Label in protective cover
- Computerized stitching
- Double woven jacket
- Polyester
- Sealed per piece with CE declaration and manual

### Round slings

Productcode	Capacity	Circumference
ESERO1-**Z	1000 kg. WLL	2/3/4/6 m.
ESERO2-**Z	2000 kg. WLL	2/3/4/6 m.

Fill in Circumference "\*\*\*" in the productcode

## Stage softsteel



Polyester round slings equipped with a steel wire rope instead of the regular polyester lining.

- For extended temperature range, max. 175°C / 347 °F
- According EN 1492-2; 13414-1 and 13414-3
- Round sling with steel wire rope instead of the normal polyester lining

### Stage softsteels

Productcode	Capacity	Circumference
ESERO1-**SK	1000 kg. WLL	1/2/3 m.
ESERO2-**SK	2000 kg. WLL	1/2/3/4/5/6 m.

Fill in Circumference "\*\*\*" in the productcode

## Buckle strap



Lashings with Buckle

- One piece
- Black lashing
- Width 25mm.

### Buckle straps

Productcode	Width:	Lengths
ESG25L1-**	25 mm.	1/2/3/4/5/6/7 m.

Fill in length "\*\*\*" in the productcode

## Ratchet lashing



- Black lashing According EN 12195-2
- 1 or 2 part (2 part is equipped with closed double J hook)

### Ratchet lashings

#### Ratchet 1 part

Productcode	Load capacity	Length	Width
ESR25L1-**-	250 kg.	3,4,5,6,8 m.	25 mm.
ESR25Z1-**-	750 kg.	3,4,5,6,8 m.	25 mm.
ESR35Z1-**-	1500 kg.	3,4,5,6,8 m.	35 mm.
ESR50Z1-**-	2500 kg.	3,4,5,6,8 m.	50 mm.

#### Ratchet 2 part

Productcode	Load capacity	Length	Width
ESR25L2-**-	250 kg.	3,4,5,6,8 m.	25 mm.
ESR25Z2-**-	750 kg.	3,4,5,6,8 m.	25 mm.
ESR35Z2-**-	1500 kg.	3,5,8 m.	35 mm.
ESR50Z2-**-	2500 kg.	3,5,8 m.	50 mm.

Fill in length "\*\*\*" in the productcode

## Steels



Steels are according to NEN-EN 12385-4 and colour coding is referring to the length (ARGH).

- Flexible wire rope slings (construction 6x19+FC and 6x36VVS+FC)
- Available in WLL 1t (d=10mm) en 2t (d=14mm) with or without PVC tube
- Ends with thimble and clamped with a tapered talurit
- Tapered talurit with inspection eye
- 1t version with oversized thimble fits a 3,25t bowshackle, 2t fits a 4,75t bowshackle.

### Stage softsteels

Productcode	Capacity	Working lengths
CTST1-**-	1000 kg. WLL	0,5 - 6 m.
CTST2-**-	2000 kg. WLL	0,5 - 6 m.

Fill in working length "\*\*\*" in the productcode  
Add a P behind the product code for the PVC tube version , **for example: CTST1-01P**

## Beam clamp



A beam clamp is a simple and safe temporary anchor point. Ideal for quick attachment of loads using threaded spindle. The clamp can be installed by twisting the spindle, place it over the flange and close tightly.

- Robust construction, frame is made from solid steel plate and a galvanized spindle
- Low head room, wide flange width adjustment range, therefore ideal in many situations

### Buckle straps

Productcode	Capacity	Flange width
ELBC010	1000 kg. WLL	75 - 230 mm.
ELBC020	2000 kg. WLL	75 - 230 mm.
ELBC030	3000 kg. WLL	80 - 322 mm.
ELBC050	5000 kg. WLL	90 - 322 mm.
ELBC100	10000 kg. WLL	90 - 322 mm.



## Chain sets



Completely in black, both chain and components. The chain shown on the left is with a connector, the connector can also be replaced by omega links, also multiple leg chain slings are available.

The displayed sling chain contains of:

- 1 Master link
- 1 Connector
- 1 Metre chain
- 1 Clevis sling hook with latch
- 1 Shortening clutch

### Grade 100 chainsets

Productcode	Capacity	Ø & Length
BLP-1-06-1.0-TVKCSH-Z	1400 kg. WLL	06 x 1000 mm.
BLP-1-08-1.0-TVKCSH-Z	2500 kg. WLL	08 x 1000 mm.
BLP-1-10-1.0-TVKCSH-Z	4000 kg. WLL	10 x 1000 mm.
BLP-1-13-1.0-TVKCSH-Z	6700 kg. WLL	13 x 1000 mm.

### Grade 100 chainsets with shortening clutch

Productcode	Capacity	Ø & Length
BLP-1-06-1.0-TVKCSH-Z	1400 kg. WLL	06 x 1000 mm.
BLP-1-08-1.0-TVKCSH-Z	2500 kg. WLL	08 x 1000 mm.
BLP-1-10-1.0-TVKCSH-Z	4000 kg. WLL	10 x 1000 mm.
BLP-1-13-1.0-TVKCSH-Z	6700 kg. WLL	13 x 1000 mm.

## Grade 100 chain



BLP grade 100 chain, available in various sizes

- According to EN 812-2 with increased load capacity
- Maximum working temperature: 380°C
- Available from 6mm till 13mm
- Chain 6 till 13mm: black

### Grade 100 chains

Productcode	Capacity	Ø & Pitch
BLP-06x18	1400 kg. WLL	06 x 18 mm.
BLP-08x24	2500 kg. WLL	08 x 24 mm.
BLP-10x30	4000 kg. WLL	10 x 30 mm.
BLP-13x39	6700 kg. WLL	13 x 39 mm.

Fill in working length "\*\*\*\*" in the productcode

## Identification label



- Customized labels for your single or multiple leg chainsets

### Identification label

Productcode	Width:	Grade
BLP-LABEL	25 mm.	Grade 10

## Master link



- According to EN 1677-4 with increased load capacity
- For 1- and 2- leg chains

### Master links

Productcode	Load capacity	Master link for chain for Ø	
		Ø 1 leg	Ø 2 leg
BLP-MLF-13-Z	2300 kg.	6 mm.	6 mm.
BLP-MLF-16-Z	3500 kg.	8 mm.	-
BLP-MLF-18-Z	5000 kg.	10 mm.	8 mm.
BLP-MLF-20-Z	7600 kg.	13 mm.	10 mm.

## Connecting link



- According to EN 1677-1 with increased load capacity

### Connecting links

Productcode	Load capacity	For chain Ø
BLP-CNL-06-Z	1400 kg.	6 mm.
BLP-CNL-08-Z	2500 kg.	8 mm.
BLP-CNL-10-Z	4000 kg.	10 mm.
BLP-CNL-13-Z	6700 kg.	13 mm.

## Omega link



- According to EN 1677-1 with increased load capacity

### Omega links

Productcode	Load capacity	For chain Ø
BLP-OML-06-Z	1400 kg.	6 mm.
BLP-OML-08-Z	2500 kg.	8 mm.
BLP-OML-10-Z	4000 kg.	10 mm.

## Clevis Sling Hook



- According to EN 1677-1 with increased load capacity

### Clevis sling hooks

Productcode	Capacity	Ø for chain
<i>BLP-CSH-06-Z</i>	1400 kg. WLL	06 mm.
<i>BLP-CSHN-08-Z</i>	2500 kg. WLL	08 mm.
<i>BLP-CSHN-10-Z</i>	4000 kg. WLL	10 mm.
<i>BLP-CSHN-13-Z</i>	6700 kg. WLL	13 mm.

## Shortening Clutch



- According to EN 1677-1 with increased load capacity

### Shortening Clutch

Productcode	Capacity	Ø for chain
<i>BLP-STC-06-Z</i>	1400 kg. WLL	06 mm.
<i>BLP-STC-08-Z</i>	2500 kg. WLL	08 mm.
<i>BLP-STC-10-Z</i>	4000 kg. WLL	10 mm.
<i>BLP-STC-13-Z</i>	6700 kg. WLL	13 mm.

## Bow Shackles Pin/Bolt



- Allowed to use for lifting purposes
- Galvanized
- All shackles are marked with: WLL, Batchcode of the manufacturer, CE mark, Mark of the manufacturer
- Safety factor 6
- Conform the NEN 13889
- Temperature range: -20° C up to + 200° C
- 2t, 3,25t and 4,75t are available in black

### Bow shackles pin/bolt

Productcode	Capacity	Ø Pin	Ø Bow
<i>JHBB01000</i>	1000 kg. WLL	12 mm.	9 mm.
<i>HBB02000Z</i>	2000 kg. WLL	16 mm.	13 mm.
<i>HBB03250Z</i>	3250 kg. WLL	20 mm.	16 mm.
<i>HBB04750Z</i>	4750 kg. WLL	22 mm.	19 mm.
<i>JHBB06500</i>	6500 kg. WLL	27 mm.	22 mm.



## S.T.A.C. Chain



Special Theatrical Alloy Chain (STAC) is ideal for theatrical rigging applications where bridle adjustability is required Meets EN 818-1 & EN 818-2 standards.

- Workingload limits of 5,4t, Safety factor 4:
- Heat treated Grade 80 Alloy Steel
- Fire & Abrasion resistant
- After production each link tested
- Easy Identification: embossed with STAC and CM
- Link accepts up to 3/4" shackle.

### S.T.A.C. Chains

Productcode	Load capacity	Length
S-695550D250	5400 kg.	76 m./250 ft. drum
S-695550D500	5400 kg.	152 m./500 ft. drum
S-STAC-0.95	5400 kg.	0,95 m. (10 links)
S-STAC-1.52	5400 kg.	1,52 m. (16 links)

## Multitool



Cut from 4mm hardened steel the Multitool offers exceptional durability and versatility. It includes 14 separate tools designed around some of the most common needs in the professional rigging industry.

- 3/8", 1/2", 3/4" nut tools
- 7mm (M6) square nut tool
- 18mm (M10), 20mm (M12), 24mm (M14) nut tools
- 4mm and 6mm eyelets
- Wire stripper (x2)
- Wingnut tool
- Barndoor tool
- Bottle opener

### Identification label

Productcode	Length x Width	Weight
ELMULTITool	180 x 80 mm	0,15 kg.

## Four Way Podger Wrench



Four wrench sizes in one tool! The Wrench comes in a chrome plated finish, with a slot and D-ring adapter for attachment to standard rigger tool lanyards for safer working at height.

- 4 socket sizes: 17, 19, 21, 24mm
- 24cm short handle design
- Nickel chrome plated finish
- Pointed end handle, ideal for knocking out truss pins
- Includes D-ring for lanyard attachment

### Identification label

Productcode	Length	Weight
ELWRENCH4WAY	246 mm.	0,48 kg.



# Fall protection

The Health and Safety Act is based on the internal responsibility for management and workers. This encourages both groups to work out solutions to work, to be and to stay safe during rigging procedures.

It is imperative that riggers need to work safe and they should be equipped and facilitated with the right equipment. Eurotruss can help you recommending and facilitating your workers with the right equipment to keep them safe.

Equipment for work-at-height and rescue professionals; fall arrest, work positioning, personal care and specialized tools for professionals.







## Safety Harness P-30



- EN 361
- Dorsal attachment D-ring
- Front attachment loops
- Rear extension for easy attachment
- Adjustable belt, chest, shoulder and legstraps

### Safety Harness P-30

Productcode	Chest (cm.)	Waist (cm.)	Length (cm.)
FP-P30-M-XL	90 - 120	85 - 120	170 - 185
FP-P30-XXL	110 - 130	100 - 140	185 - 200

## Safety Harness P-50



- EN 361, EN 358
- Multi purpose harness
- Work positioning belt
- Dorsal attachment D-ring
- Rear extension for easy attachment
- Front attachment loops
- Adjustable belt, chest, shoulder and leg straps

### Safety Harness P-50

Productcode	Chest (cm.)	Waist (cm.)	Length (cm.)
FP-P50-M-XL	90 - 120	85 - 120	170 - 185

## Safety Harness P-51E



- EN 361, EN 358
- Multi purpose harness
- Work positioning belt
- Elasticated upper body
- Dorsal attachment D-ring
- Rear extension for easy attachment
- Front attachment loops
- Adjustable belt, chest, shoulder and leg straps
- Quick release buckles QR

### Safety Harness P-51E

Productcode	Chest (cm.)	Waist (cm.)	Length (cm.)
FP-P51E-M-XL	90 - 120	85 - 120	170 - 185
FP-51E-XXL	110 - 130	100 - 140	185 - 200

## Safety Harness P-71E



- EN 361, EN 358, EN 813
- Multi purpose harness
- Rope access/ sit harness
- Work positioning belt
- Dorsal attachment D-ring
- Front attachment connector
- Adjustable belt, chest, shoulder and leg straps
- Comfort padding legs, belt and shoulders (NIZE)
- Positioning D-ring for sit position

### Safety Harness P-71E

Productcode	Chest (cm.)	Waist (cm.)	Length (cm.)
FP-P71E-M-XL	90 - 120	85 - 120	170 - 185

## Safety Harness P-81



- EN 361, EN 358, EN 813
- Multi purpose harness
- Rope access / sit harness
- Work positioning belt
- Dorsal attachment D-ring
- Front attachment loops
- Adjustable belt, chest, shoulder and leg straps
- Comfort padding legs, belt and shoulders (NIZE)
- Positioning D-ring for sit position
- Quick release buckles (QR)

### Safety Harness P-81

Productcode	Chest (cm.)	Waist (cm.)	Length (cm.)
FP-P81-M-XL	90 - 120	85 - 120	170 - 185

## Safety Harness P-90



- EN 361, EN 358, EN 813
- Multi purpose harness
- Rope access / sit harness
- Work positioning belt
- Dorsal attachment D-ring
- D-ring on the front
- Dorsal D-ring on the belt
- Adjustable belt, chest, shoulder and leg straps
- Comfort padding legs, belt and shoulders (NIZE)

### Safety Harness P-90

Productcode	Chest (cm.)	Waist (cm.)	Length (cm.)
FP-P90-M-XL	90 - 120	85 - 120	170 - 185

## Trauma Relief Strap



- EN 361, EN 358
- Adjustable leg-support trauma strap
- For suspension relief in emergency fall situation
- For use after a fall to relief the pressure from the straps of the harness on the legs while waiting to be rescued
- Recommended to use a pair for the best support

### Trauma Relief Straps

Productcode	Length (cm.)
FP-AY201	120
FP-AY202	105

## Lanyard with energy absorber



- Length: 200 cm.
- EN 355
- Lanyard integrated with energy absorber
- Diam. rope: 10,5mm
- Fitted with a karabiner at each end

### Absorbing Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LB101-BW0110112	Karabiner	Karabiner

## Absorbing Lanyard



- Length: 200 cm.
- EN 355
- Lanyard integrated with energy absorber
- Diam. rope: 10,5mm
- Fitted with a large opening scaffold hook one end, karabiner or snap hook on the other end

### Absorbing Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LB101-BW0110222	Karabiner	Scaffoldhook
FP-LB101-BW0020222	Snaphook	Scaffoldhook



## Absorbing Adjustable Lanyard



- Length: 200 cm.
- EN 355
- Adjustable lanyard integrated with energy absorber
- Fitted with a large opening scaffold hook at lanyard's end
- Fitted with a karabiner or snap hook at absorber's end

### Absorbing Adjustable Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LB100-BW0110222	Karabiner	Scaffoldhook
FP-LB100-BW0020222	Snaphook	Scaffoldhook

## Y-absorbing Lanyard



- Length: 200 cm.
- EN 355
- Adjustable twin-tail lanyard integrated with energy absorber
- Diam. rope: 12mm
- Fitted with large opening scaffold hooks at lanyard's end
- Fitted with a karabiner or snap hook at absorber's end

### Y-Absorbing Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LB102-BW0110222	Karabiner	Scaffoldhook
FP-LB102-BW0020222	Snaphook	Scaffoldhook

## Absorbing Elasticated Lanyard



- Length: 200 cm.
- EN 354, EN 355, EN 362
- Elasticated lanyard with energy absorber
- Fitted with a large opening scaffold hook at lanyard's end
- Fitted with a karabiner or snap hook at absorber's end

### Absorbing Elasticated Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LE101-BW0110222	Karabiner	Scaffoldhook
FP-LE101-BW0020222	Snaphook	Scaffoldhook

## Y-absorbing Elasticated Lanyard



- Length: 200 cm.
- EN 354, EN 355, EN 362
- Elasticated twin-tail lanyard with energy absorber
- Fitted with a large opening scaffold hooks at lanyard's end
- Fitted with a karabiner or snap hook at absorber's end.

### Y-Absorbing Elasticated Lanyard

Productcode	Absorber's end	Lanyard's end
FP-2LE101-BW0110222	Karabiner	Scaffoldhook
FP-2LE101-BW0020222	Snaphook	Scaffoldhook

## Restraint Lanyard



- Length: 1/1,5/2 m.
- EN 354, EN 358;
- Restraint lanyard;
- Fitted with a large opening scaffold hook on one end, snap hook on the other end
- Diam. rope: 10,5mm.

### Restraint Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LB101-002-022-1	Snaphook	Scaffoldhook
FP-LB101-002-022-15	Snaphook	Scaffoldhook
FP-LB101-002-022-2	Snaphook	Scaffoldhook

## Restraint Y-Lanyard



- Length 200 cm.
- EN 354, EN 358
- Twin tail restraint lanyard
- Fitted with large opening scaffold hooks on one end, snap hook on the other end
- Diam. rope: 10,5mm

### Restraint Y-Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LB102-002022-2	Snaphook	Scaffoldhook

## Elasticated Restraint Lanyard



- Length: 1,5 or 2 m.
- EN 354;
- Restraint elasticated lanyard;
- Fitted with a large opening scaffold hook on one end, snap hook on the other end.

### Elasticated Restraint Lanyard

Productcode	Absorber's end	Lanyard's end
FP-LE101-002-02215	Snaphook	Scaffoldhook
FP-LE101-002-22-2	Snaphook	Scaffoldhook

## Linostop Line Clamp



- EN 353-2
- Guided type fall arrester on a flexible anchorage line integrated with webbing energy absorber with a snap hook
- The line is included in the set
- Diam. rope: 12 mm.

### Linostop Line Clamp

Productcode	Length	Diameter rope
FP-AC060-10	10 m.	12 mm.
FP-AC060-20	20 m.	12 mm.

## Detachable Rope Grab 14 mm.



- EN 353-2;
- Detachable rope grab with webbing energy absorber fitted with a steel snap hook or attachment for karabiner
- For use on 14mm rope.

### Rope Grab 14 mm.

Productcode	For use on diameter rope	Attachment
FP-AC010	14 mm.	Snap hook
FP-AC012	14 mm.	Karabiner



## Anchorage Line



- EN 353-2
- Flexible 14mm anchorage line
- Thimbled eye in each end
- To be used with rope grabs AC010 and AC012

### Anchorage Line

Productcode	Length	Diameter rope
FP-AC100-10	10 m.	14 mm.
FP-AC100-20	20 m.	14 mm.
FP-AC100-30	30 m.	14 mm.
FP-AC100-40	40 m.	14 mm.
FP-AC100-50	50 m.	14 mm.

## Detachable Rope Grab 12 mm.



- EN 353-2
- Detachable rope grab for use on 12mm rope
- Attached to a full body harness by a karabiner class B connector
- Stainless steel

### Detachable Rope Grab 12 mm.

Productcode	For use on diameter rope	Attachment
FP-AC040	12 mm.	Karabiner

## Anchorage Line 12 mm.



- EN 353-2
- Flexible 12mm anchorage line
- Thimbled eye in each end
- To be used with rope grabs AC 040

### Anchorage Line 12 mm.

Productcode	Length	Diameter rope
FP-AC200-10	10 m.	12 mm.
FP-AC200-20	20 m.	12 mm.
FP-AC200-30	30 m.	12 mm.
FP-AC200-40	40 m.	12 mm.
FP-AC200-50	50 m.	12 mm.

## Retractable Fall Arrester 4 mm.



- EN 360
- Retractable fall arrester with galvanized 4mm wire rope
- Fully serviceable
- Lower swivel hook with fall indicator
- Lightweight
- Included karabiner AZ011
- Made in Europe
- Radilon housing
- Max weight user: 140kg.

### Retractable Fall Arrester 4 mm.

Productcode	Length	Weight
FP-CR200-06	6 m.	5,1 kg.
FP-CR200-12	12 m.	5,9 kg.
FP-CR200-15	15 m.	6,1 kg.

## Retractable Fall Arrester 5 mm.



- EN 360
- Retractable fall arrester with galvanized 4mm wire rope
- Fully serviceable
- Lower swivel hook with fall indicator
- Lightweight
- Included karabiner AZ011
- Made in Europe
- Radilon housing
- Max weight user: 140kg.

### Retractable Fall Arrester 5 mm.

Productcode	Length	Weight
FP-CR300-20	20 m.	11,2 kg.
FP-CR300-25	25 m.	11,5 kg.
FP-CR300-28	28 m.	11,6 kg.

## Retractable Fall Arrester ROLEX



- EN 360
- Retractable fall arrester with webbing line
- Top fixed steel karabiner
- Lower swivel hook
- Lightweight
- Made in Europe
- Radilon housing
- Max. weight user: 140kg.

### Retractable Fall Arrester ROLEX

Productcode	Length	Weight
FP-AH210	2,25 m.	1,18 kg.

## Positioning Lanyard



- EN 358
- Adjustable work positioning lanyard
- 12mm kernmantle rope
- Aluminium length adjuster
- Fitted with snap hook

### Positioning Lanyard

Productcode	Length	Diameter rope
FP-AF130-02	2 m.	12 mm.
FP-AF130-03	3 m.	12 mm.
FP-AF130-05	5 m.	12 mm.
FP-AF130-10	10 m.	12 mm.
FP-AF130-20	20 m.	12 mm.

## Temporary Anchor Lifeline



- EN 795 class B
- Temporary adjustable anchor lifeline
- 55 mm. webbing width
- Steel ratchet for webbing adjustment
- Fitted with steel swivel snap hooks at each end
- Including carry bag
- Can be used by 3 persons at the same time.

### Temporary Anchor Lifeline

Productcode	Length	Weight
FP-AE320-20	20 m.	1,68 kg.

## Webbing Sling Connector 45 mm.



- EN 795 class B
- Webbing sling connector
- 45 mm. width webbing with rubber role
- Fitted with steel D-ring
- Including karabiner AZ011.

### Webbing Sling Connector 45 mm.

Productcode	Length	Weight
FP-AE320-20	20 m.	1,68 kg.



## Webbing Sling Connector 20 mm.



- EN 795 class B
- Webbing sling connector
- Webbing width: 20 mm.
- Static strength: 22kN.

### Webbing Sling Connector

Productcode	Working Length	Webbing width
FP-AZ900-030	0,3 m.	20 mm.
FP-AZ900-060	0,6 m.	20 mm.
FP-AZ900-080	0,8 m.	20 mm.
FP-AZ900-100	1,0 m.	20 mm.
FP-AZ900-120	1,2 m.	20 mm.

## Trolley



- EN 795 class B
- Portable adjustable anchor device
- For horizontal steel I-beams
- Weight: 5,2kg.
- Material: steel
- For 1 person

### Trolley

Productcode	Suitable for profile width	Weight
FP-ST010	65 - 120	5,2 kg.

## Beam Clamp



- EN 795 class B
- Portable adjustable anchor device
- For horizontal steel I-beams
- Weight: 4kg.
- Material: steel
- For 1 person

### Beam Clamp

Productcode	Suitable for profile width	Weight
FP-ST010	75 - 210	4 kg.

## Aluminium Beam Clamp



- EN 795 class B
- Portable adjustable anchor device
- To be used as temporary anchor point on steel I-beams
- Weight: 1,73kg.
- Material: aluminium
- For 1 person

### Aluminium Beam Clamp

Productcode	Suitable for profile width	Weight
FP-AT250	95 - 400	1,73 kg.

## Pulley



- Strong pulley made of steel and polycarbonate
- For use with 6mm and 12mm ropes
- Max. working load: 1t.

### Pulley

Productcode	For use on diameter rope
FP-PL101	6mm and 12mm

## Rescue Descender Device



- EN 341 class C
- Rescue descender device with 11mm rope
- Anti-panic function
- Max. distance: 200m.
- Max. working load: 200kg.
- The set includes:
  - Rope with descender
  - 2 karabiners
  - Sling
  - Carrying bag
  - Cutting knife

### Rescue Descender Device

Productcode	Length	Max working load
FP-AR010-020	20 m.	200 kg.

## Steel Karabiner



- EN 362
- Screw locking steel class B connector
- Opening: 18mm
- Major axis strength: 25kN.

### Steel Karabiner

Productcode	Opening	Major axis strength
FP-AZ011	18 mm.	25kN

## Aluminium Karabiner



- EN 362
- Twist locking aluminium class B connector
- Opening: 24mm.
- Major axis strength: 20kN.

### Aluminium Karabiner

Productcode	Opening	Major axis strength
FP-AZ014T	24 mm.	20kN

## Karabiner Auto Twist Lock



- EN 362
- Twist locking steel class B connector
- Colour: black
- Opening: 25mm.
- Major axis strength: 20kN.

### Karabiner Auto Twist Lock

Productcode	Opening	Major axis strength
FP-AZ017T-BLACK	25 mm.	20kN



## Scaffold Hook



- EN 362
- Steel scaffold hook with double finer locking class A
- Opening: 56mm
- Major axis strength: 20kN.

### Scaffold Hook

Productcode	Opening	Major axis strength
FP-AZ022	56 mm.	20kN

## Snap Hook



- EN 362
- Autolocking steel snap hook class A
- Opening 120mm
- Major axis strength: 20kN.

### Snap Hook

Productcode	Opening	Major axis strength
FP-AZ200-120	120 mm.	20kN

\* Also available in opening size 80mm and 100mm.

## Bosun's Chair / Working bench



- Bosun's chair for suspending a person from a rope to perform work at height
- Working person must additionally use fall arrest equipment

### Rescue Descender Device

Productcode	Description
FP-BA100	Working Bench
FP-BA300	Bosun's Chair

## Rescue Sling



- EN 354, EN 358
- To be used with harness P-40 harness as rescue descender device
- Including 3 karabiners.

### Rescue Sling

Productcode	For use with
FP-AT300	P-40 Safety Harness

## Safety Helmet



- EN 397.
- Weight: 300gr.
- Safety helmet with short brim.

### Safety Helmet

Productcode	Color
FP-AZ014T	Yellow

## Hardcap with Inner Shell

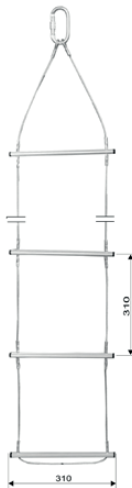


- EN 812
- In workplaces where safety helmets according the EN-397 does not apply, but where injuries and grazes occur most often
- Colour: black
- Weight: 220gr.

### Hardcap with Inner Shell

Productcode	Weight	Color
FP-HAB132-Z	220 gr.	Black

## Wire Rope Ladder



- Galvanised 8mm steel wire rope
- Width: 30mm
- Aluminium rungs
- Max. length: 30m.

### Wire Rope Ladder

Productcode	Length	Width	Step Height
FP-DL012-05	5 m.	310 mm.	310 mm.
FP-DL012-10	10 m.	310 mm.	310 mm.
FP-DL012-15	15 m.	310 mm.	310 mm.

## Small Nylon Bag



- Lightweight nylon bag
- Y = yellow (stock article).

Also available:

- G = green
- B = blue
- R = red

### Small Nylon Bag

Productcode	Description
FP-AX009-Y	Nylon woven bag

## Carrying PVC Bag



- Durable carrying PVC bag
- Adjustable strap
- Max. load: 30kg
- Y = yellow (stock article).

Also available:

- G = green
- B = blue
- R = red

### Carrying PVC Bag

Productcode	Dimensions
FP-AX010-Y	38 x 38 x 45 cm.
FP-AX011-Y	30 x 30 x 60 cm.
FP-AX012-Y	40 x 40 x 80 cm.



## Metal Case



- R = red (stock article)

Also available:

- G = grey
- Z = black.

### Metal Case

Productcode	Dimensions
FP-AX201-R	43 x 28 x 9 cm.
FP-AX202-R	43 x 28 x 12 cm.
FP-AX203-R	43 x 28 x 18 cm.

## Back Pack



- Comfortable back pack
- Polyester
- Black

### Back Pack

Productcode	Dimensions
FP-TA601-Z	40 x 29 x 14 cm.
FP-TA701-Z	50 x 35 x 20 cm.

## Tool Lanyard, Wrist



To be used to tether tools to the worker so that injury, loss and damage from accidental tool release at height can be prevented

- Tool lanyard attached to the wrist
- Velcro fastening
- Elastic lanyard.

### Tool Lanyard, Wrist

Productcode	Description
FP-AY001	Elastic lanyard with tool attachment

## Elastic Belt Tool Lanyard



- To be used to tether tools to the worker so that injury, loss and damage from accidental tool release at height can be prevented
- Elastic lanyard tool holder
- Lanyard attached to buckle of positioning harness

### Elastic Belt Tool Lanyard

Productcode	Length
FP-AY002	100 cm.

## Ergodyne Back Support



- Without braces (ER1051)
- With adjustable and detachable suspenders (ER1100SF)

### Ergodyne Back Support

Productcode	Size	Color
ER1051-20184	M	Black
ER1051-20185	L	Black
ER1051-20186	XL	Black
ER1100SF-11603	M	Black
ER1100SF-11604	L	Black
ER1100SF-11605	XL	Black

## Ergodyne Bump Cap



- Type 8960 with a built-in LED option in the brim
- Illumination up to 15m

### Ergodyne Bump Cap

Productcode	Brim length	Color
ER8950-23340	50 mm.	Black
ER8950-23342	30 mm.	Black
ER8960-23370	50 mm. (LED)	Black
ER8960-23374	80 mm. (LED)	Black

## Ergodyne ID Badge Holder



- Velcro closure.

### Ergodyne ID Badge Holder

Productcode	Size	Color
ER3386-19950	12,1 x 7,6 cm.	Black

## Ergodyne Universal Pouch



- Can be used in combination with vest 5510 or with a tool rig / positioning belt.

### Ergodyne Universal Pouch

Productcode	Size	Color
ER5593-13953	L	Black

## Horizontal Pouch for Radio



- Can be used in combination with vest 5510 or with a tool rig / positioning belt.

### Horizontal Pouch for Radio

Productcode	Size	Color
ER5593-13953	One size	Black



## Ergodyne Vest



- Starched polyester mesh main material for strength and breathability
- 3M Scotchlite reflective material
- Side, front and shoulder adjustments for a perfect fit
- Reflective accents on binding and side adjustments for increased visibility.

### Ergodyne Vest

Productcode	Size	Color
ER5510-13951	One size	Lime/Black

## tThermal Jacket



- Soft, warm fleece lining
- Water repellent coatings / linings keep wind and rain out
- Armortex reinforcement zones in heavy wear areas
- Pockets: several, including back document and front cell
- YKK zippers
- Drawstring waist and adjustable cuffs
- Reflective accents help keep workers safe and seen

### Ergodyne Thermal Jacket

Productcode	Size	Color
ER6465-41105	XL	Black

## Tool Lanyard Dual Carabiner



- Retractable tool lanyard with 2 stainless steel carabiner
- Detachable tool part
- Without tools
- Maximum length 122cm.

### Tool Lanyard Dual Carabiner

Productcode	Length	Color
ER3000-19300	122 cm.	Black

## Tool Lanyard Carabiner/Loop



- Retractable tool lanyards with stainless steel carabiner and loop
- Detachable tool part with quick connecting buckle
- Without tools
- Maximum length 122cm.

### Tool Lanyard Carabiner/Loop

Productcode	Length	Color
ER3001-19301	122cm	Black

## Tool Lanyard Accessory Pack



- Accessory pack for ER3000-19300 and 19301
- Carabiner set: 3 stainless steel carabiners with quick connecting buckles
- Loop set: 3 elastic loops with quick connecting buckles

### Tool Lanyard Accessory Pack

Productcode	Connection	Color
ER3025-19325	Carabiner	Black
ER3026-19326	Loop	Black

## Elastic Tool Lanyard Carabiner



- Elastic Tool Lanyard
- Equipped with 1 Aluminium carabiner.

### Elastic Tool Lanyard

Productcode	Connection	Color
ER3100-19002	89 - 100 cm.	Black
ER3100EXT-19012	110 - 140 cm.	Black

## Tool Lanyard detachable loops

- Detachable tool loops
- Carabiner
- Without tools



### Tool Lanyard detachable loops

Productcode	Length	Color
ER3102-19064	89 - 110 cm.	Black

## Detachable Lanyard Loops

- For the ER3102 - 19064
- Without tools



### Detachable Lanyard Loops

Productcode	Color
ER3103-19068	Black

## Tool Lanyard Twistlock Carabiner

- Twistlock aluminium carabiner (19008) (19008- picture)
- Triple-locking aluminium carabiner (19009)
- Without tools



### Tool Lanyard Twistlock Carabiner

Productcode	Length	Working load	Color
ER3108-19008	71 - 89 cm.	4,5 kg.	Lime
ER3109-19009	89 - 107 cm.	6,8 kg.	Lime



## Tool Lanyard Dual Carabiners



Type 3110-19022

- 2 aluminium carabiners.

Type 3110-19023

- Longer version off type 19022
- Without tools

### Tool Lanyard Dual Carabiners

Productcode	Length	WLL	Color
ER3110-19022	89 - 110 cm.	4,5 kg.	Black
ER3110EXT-19032	110 - 140 cm.	4,5 kg.	Black

## Tool Lanyard Wristband



- Lanyard with wrist band
- Without tools

### Tool Lanyard Dual Carabiners

Productcode	Length	WLL	Color
ER3115-19052	18 - 23 cm.	1,0 kg.	Black

## Tie Hooks



- Patented
- Also available with swivel and lock or hand grip

### Elastic Tool Lanyard

Productcode	Length	WLL	Color
ER3530L-33304	50 cm.	10 kg.	Orange
ER3530S-33302	30 cm.	10 kg.	Orange
<b>Swivel &amp; lock</b>			
ER3540L-33404	50 cm.	20 kg.	Orange
ER3540M-33403	40 cm.	20 kg.	Orange
ER3540S-33402	30 cm.	20 kg.	Orange
<b>Hand grip</b>			
ER3560L-33604	50 cm.	20 kg.	Orange
ER3560M-33603	40 cm.	20 kg.	Orange

## Ergodyne Web Tool Tails

- WLL: 6,8kg



### Ergodyne Web Tool Tails

Productcode	Length	Color
ER3700-19703	9,0 cm.	Black
ER3700-19705	14,0 cm.	Black
ER3700-19708	21,5 cm.	Black

## Horizontal Tool Tail

- Elastic tool tail
- WLL: 6,8kg



### Horizontal Tool Tail

Productcode	Length	Color
ER3703-19767	29 cm.	Lime

## Tool Lanyard Swivel

- Elastic tool tail
- WLL: 4,5kg
- With swivelling connection



### Tool Lanyard Swivel

Productcode	Length	Color
ER3713-19765	29 cm.	Lime

## Ergodyne Accessory Set



- Accessory set for ER3000 - 19300
- Shrink trap in different diameters

### Ergodyne Accessory Set

Productcode	Diameter	Color
ER3723-19723	16 - 38 mm.	Black
ER3724-19724	38 - 45 mm.	Black
ER3726-19726	45 - 63 mm.	Black

## Ergodyne Aerial Tool Pouch



- Belt / loops
- 16 pockets
- WLL: 15kg
- Without content

### Ergodyne Aerial Tool Pouch

Productcode	Color
ER5516-13640	Grey

## Ergodyne Canvas Bucket



- Rope handle
- WLL max. 68kg
- Type 14430 / 14434 / 14435: without top
- Type 14530: with top (see image)
- White

### Ergodyne Canvas Bucket

Productcode	WLL	Size (cm.)	Material bottom
ER5730-14430	68 kg.	32 x 43	Leather
ER5730-14530	68 kg.	32 x 43	Leather
ER5735-14435	68 kg.	41 x 51	Leather
ER5734-14434	36 kg.	25 x 36	Plastic



## PVC Handler Gloves



- PVC handler gloves
- Ideal for gripping wet or dry surfaces
- Textured PVC palm and fingertips
- Breathable
- 3-layer
- Low-profile closure with woven elastic cuff

### PVC Handler Gloves

Productcode	Size	Color
ER820CR-16015	XL	Black

## Trades Gloves



- Abrasion resistant, textured PVC on palm an fingers
- Breathable
- 3-layer, with neoprene knuckle pad
- Full-finger design

### Trades Gloves

Productcode	Size	Color
ER710-16153	M	Black
ER710-16154	L	Black
ER710-16155	XL	Black

## Touch Control Gloves



- Touch control 1/2 finger on thumb, index, and middle finger
- Abrasion resistant, textured PVC on palm and fingers
- Breathable
- 3-layer, with neoprene knuckle pad

### Touch Control Gloves

Productcode	Size	Color
ER720-16183	M	Black
ER720-16184	L	Black
ER720-16185	XL	Black

## Lightweight Gloves



- Lightweight
- Abrasion resistant, textured PVC on palm and fingers
- Breathable
- 3-layer, with neoprene knuckle pad
- Full-finger with reinforced fingertips
- Low-profile closure with woven elastic cuff.

### Lightweight Gloves

Productcode	Size	Color
ER845-16093	M	Black
ER845-16094	L	Black
ER845-16095	XL	Black

## Impact Gloves 1/2 Finger



- 1/2- finger design for optimal dexterity
- Visco elastic gel polymer palm
- Abrasion resistant leather and breathable stretch spandex
- Anti-odor treatment
- Low-profile closure with woven elastic cuff
- Neoprene knuckle pad

### Impact Gloves 1/2 Finger

Productcode	Size	Color
ER900-17023	M	Black

## 1/2 Finger Gloves Wrist Support



- 1/2- finger design for optimal dexterity
- Visco elastic gel polymer palm
- Abrasion resistant leather and breathable stretch spandex
- Anti-odor treatment
- Low-profile closure with woven elastic cuff
- Neoprene knuckle pad
- With wrist support

### 1/2 Finger Gloves Wrist Support

Productcode	Size	Color
ER910-17422	S	Black
ER910-17423	M	Black
ER910-17424	L	Black
ER910-17425	XL	Black

## Duffel Bag



- Removable adjustable shoulder strap

### Duffel Bag

Productcode	Size (cm)	Color
ERGB5020MP-13321	74 x 33 x 33 (63ltr)	Black

## Gear bag, Tarpaulin



- Model duffel
- Water resistant: Tarpaulin material with 1000D polyester mesh

### Gear Bag, Tarpaulin

Productcode	Size (cm)	Color
ERGB5030S-13030	61 x 38 x 38 (72ltr)	Black
ERGB5030M-13032	71 x 43 x 43 (90ltr)	Black
ERGB5030L-13034	83 x 48 x 48 (155ltr)	Black

## Wheeled Gear Bag



- Telescoping pull handle
- With wheels

### Wheeled Gear Bag

Productcode	Size (cm)	Color
ERGB5120M-13120	76 x 36 x 36 (96ltr)	Black



## Tool Backpack



- 1200D Ballistic Polyester
- Two main compartments house 26 interior pockets
- 7 exterior pockets of different shapes and sizes to hold a variety of tools and equipment
- Nickel-plated hardware and tape measure clip
- Reinforced comfort padding on the back
- Padded shoulder straps
- WLL 23kg with a 4:1 safety factor
- YKK zippers

### Tool Backpack

Productcode	Size (cm)	Color
ER5843-13743	34 x 22x 61	Grey

## Load Arrest Block G-Guard



Load Arresters are an effective system for automatically stopping the fall of an overhead load, protecting the load while at the same time reducing the chance of injury to anyone nearby. If the load enters a free-fall the cable is pulled out at an accelerating rate and when the activation speed is reached the braking system engages and brings the load to a smooth and cushioned stop.

- Maximum working load ranging from 300 - 1.000kg
- Maximum stopping distance: approx. 1m.
- Choice of cable lengths: 7, 10, 12, 15, 18, 20, 24 m.
- Conforms to European Directive 2006/42/EC
- Max running speed 0,6m/s

### Load Arrest Block G-Guard

Productcode	WLL	Cable Length	Weight
GS-0300-1-07G	300 kg.	7 m.	8,5 kg.
GS-0300-1-10G	300 kg.	10 m.	8,8 kg.
GS-0300-1-12G	300 kg.	12 m.	9,0 kg.
GS-0300-2-15G	300 kg.	15 m.	14,1 kg.
GS-0300-2-18G	300 kg.	18 m.	14,5 kg.
GS-0300-4-20G	300 kg.	20 m.	17,7 kg.
GS-0300-4-25G	300 kg.	25 m.	18,3 kg.
GS-0500-1-07G	500 kg.	7 m.	14,5 kg.
GS-0500-1-10G	500 kg.	10 m.	14,9 kg.
GS-0500-1-15G	500 kg.	15 m.	15,7 kg.
GS-0500-2-18G	500 kg.	18 m.	18,5 kg.
GS-0500-2-20G	500 kg.	20 m.	18,8 kg.
GS-0500-2-24G	500 kg.	24 m.	19,4 kg.
GS-1000-1-07G	1000 kg.	7 m.	20,8 kg.
GS-1000-1-09G	1000 kg.	9 m.	21,3 kg.
GS-1000-1-10G	1000 kg.	10 m.	21,6 kg.



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