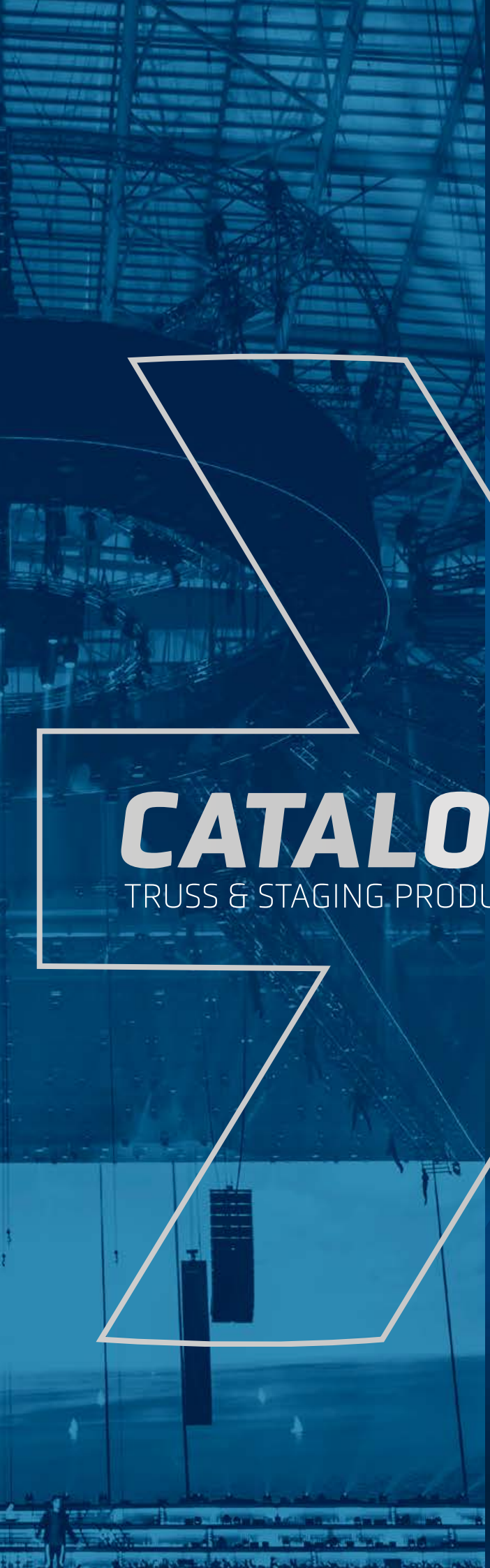


NEXT Truss

THE NEW STANDARD

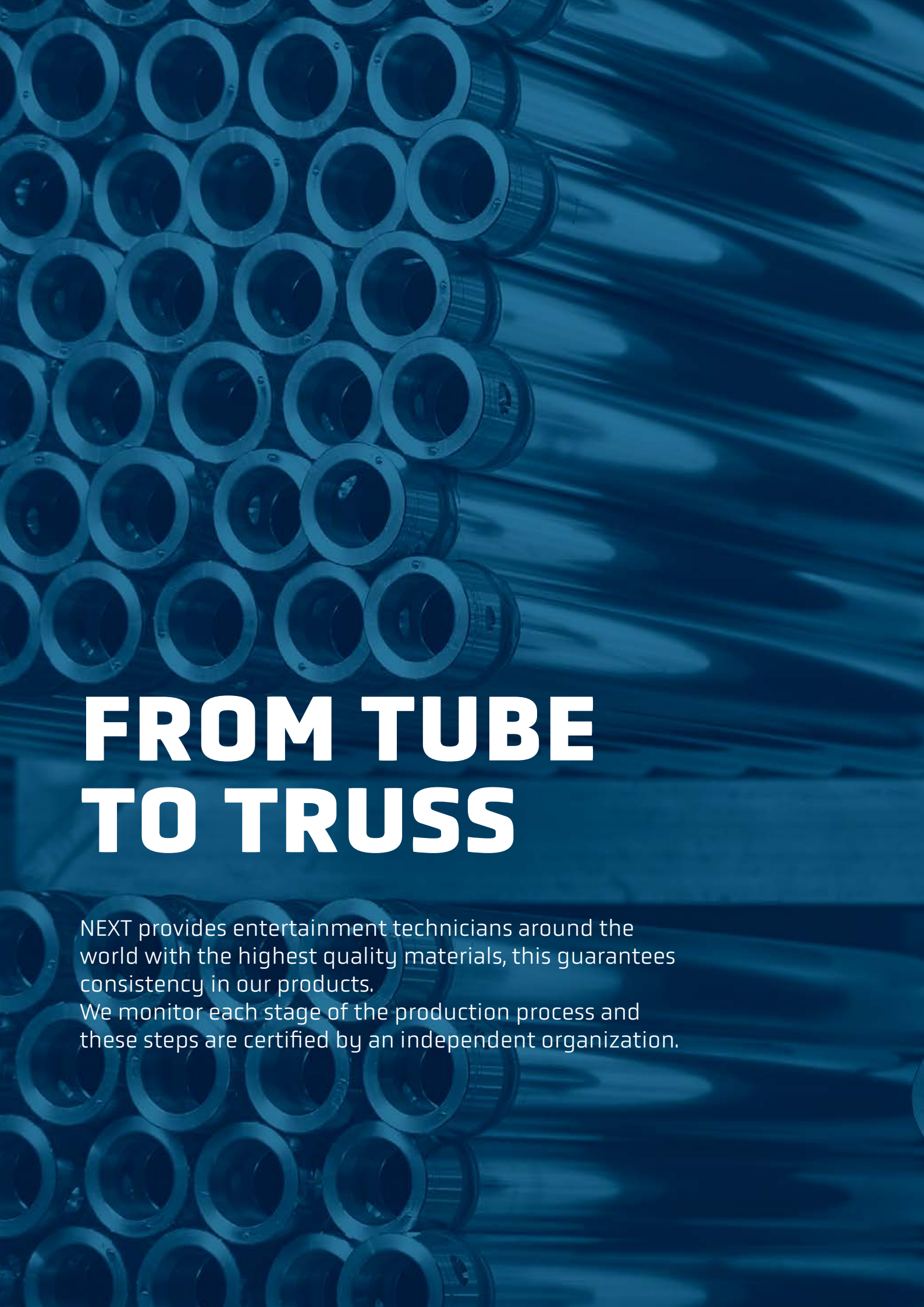
CATALOG

TRUSS & STAGING PRODUCTS

Table of contents

The future of trussing

NEXT truss is a no-nonsense company created and manned by an experienced crew. We offer delivery of high quality Trusses and Decks from stock rapidly.



FROM TUBE TO TRUSS

NEXT provides entertainment technicians around the world with the highest quality materials, this guarantees consistency in our products.
We monitor each stage of the production process and these steps are certified by an independent organization.

PRODUCTION & QUALITY

To manufacture premium products from premium aluminium you need one thing above all: An excellent and highly qualified workforce.

NEXT has highly trained welders that take pride and ownership in manufacturing our products accurately, this is key to our success!

NEXT carefully monitors raw materials used in the production process to guarantee high-quality products. Every step throughout the manufacturing process from the extraction of raw materials extrusion, up to the finished product, is certified according to strict guidelines by external testing institutes.

NEXT Truss products are made from the premium aluminium alloy called: EN AW-6082.
When the production process is finished, each product is put through quality control before it leaves the factory. NEXT is committing itself to keep and continually improve the quality control procedure's effectiveness.

Our operational objective is to deliver quality products and solutions to our customers on time, consistently.

CERTIFICATION & REGULATIONS

NEXT is Eurocode certified. The certificates we received refer to the confirmation of certain characteristics of our welders, products and our organization and we are fully compliant with the latest regulations and standards.
NEXT proudly guarantees that all our truss are made, calculated, approved and following the latest Eurocode regulations. A selection of truss series is TÜV certified.

No worries, we got you covered!


Power to the People.

100% COMPATIBLE

Experience the ease and compatibility of NEXT Truss systems. Our truss products are 100% compatible, guaranteeing seamless integration with leading truss brands. Whether used on their own or combined with other truss systems, our products provide a cohesive and reliable solution for your event needs. Trust in NEXT Truss for high-quality, versatile truss systems that deliver exceptional results.

COMPATIBILITY STATEMENT

Next Truss is committed to provide top notch truss products and solutions for their clients. In the modern truss industry multiple brands carry the same connection type. We strive to ensure each truss system is completed with versatility and compability by guaranteeing our clients to use the Next Truss in a seamless and cohesive manner stand alone and in a possible combination with the former leading truss brand.

We have been asked to provide a compability statement to ensure our clients to have the possibility to use and mix Next Truss with the former leading truss brand. To avoid risk and liability for the users, Next Truss has commissioned the leading authority in our Industry, TÜV , and the well known and respected engineering company Expo Engineering, as independent bodies to validate the compability between Next Truss and that former leading truss brand.

Statement

The test results excuded by the independent bodies is that Next Truss can state that it is possilble and safe to combine the main Next truss types with a former leading truss brand truss types and use the Next Truss load tables without any restrictions.

Measuring, testing and trial does support this statement and concluded that Next Truss and the former leading truss brand Truss can be regarded as identical truss types, and therefore, users are able to combine and use these two different brand products together, this concerns NX/NH34, NX/NH44, NSR34 and NS54

This statement consists of 3 chapters:

1. **Product research**
2. **Tensile Testing**
3. **Load Testing**

Next truss has commissioned independent bodies to validate our statement that Next Truss is compatible with the former leading truss brand.

Briefs and Conclusions of each chapter can be found below:

Product research

Description:
The connection system on finished lengths was put together in all possible combinations of truss with connectors and pins of both brands, all components were measured and recorded for comparison.

The aluminium, welding process and profiles are the same for both brands, (exception is the square 30 and square 40 series the main tube is 48 x 3mm at the former leading truss brand and 48,3 x 3mm for Next)

Conclusion:
The geometry, symmetry dimensions and material of the Next Truss types and the former leading truss brand are equal and can be joined together without restrictions.

Tensile Test

Description:
The connection system was put together in all possible combinations with connectors and pins of both brands, and tested under force.

Conclusion:
On completion of testing, no difference in the performance was found.

COMPATIBILITY STATEMENT

Load Testing

Description:
TÜV has been commissioned with the assessment of comparative testing to determine the deflection due to centre point load from identical truss types under the same test conditions.

Expo Engineering has been commissioned to witness, validate and interpret multiple tests on trusses from both Next Truss and a former leading truss brand in order to observe and compare the deflection behaviour compared to the technical data including but not limited to load charts and static calculations material composition and geometric measurements of the trusses.

Conclusion:
Based on the measurements, the load tests and the review of the documentation that has been carried out, it could be shown that the following aluminium truss systems are identical:

The NEXT truss is 100% compatible to the former leading truss brand for the following series:

NEXT Truss		Former leading truss brand
NX/NH34	→	H30V
NX/NH44	→	H40V
NSR34	→	S36R
NS54	→	S52SV

Note: Definitions and Interpretation

"Compatible"	means possible to combine without restrictions
"Conclusion"	means the result that was evaluated and resumed
"Geometry"	means centre to centre dimensions
"Identical"	means the same
"Material"	means the type of aluminium or steel used in the truss or its connections
"Symmetry"	means in the shape and position of the members (braces)
"Tensile Testing"	means tested in a way that longitudinal force is applied on the assembled connection system

TÜV APPROVED

A large selection of our products have been subjected to TÜV testing. This again confirms the quality and load capacity.

HOW TO READ THE LOADING TABLES

When reading the loading figures you should take into account that these are only valid for static loads and for single spans only (support on both ends). All other constructions made with NEXT Truss need an individual structural calculation. We can recommend a structural engineer if needed, ask us for assistance.

The TÜV certification is valid for loading tables from smallest to longest span, the figures are calculated according to the latest regulations and in full compliance with the European standards (Eurocode).

The self-weight of the truss, bending and shear force moment at the connection point is included in the calculations of the loading tables.

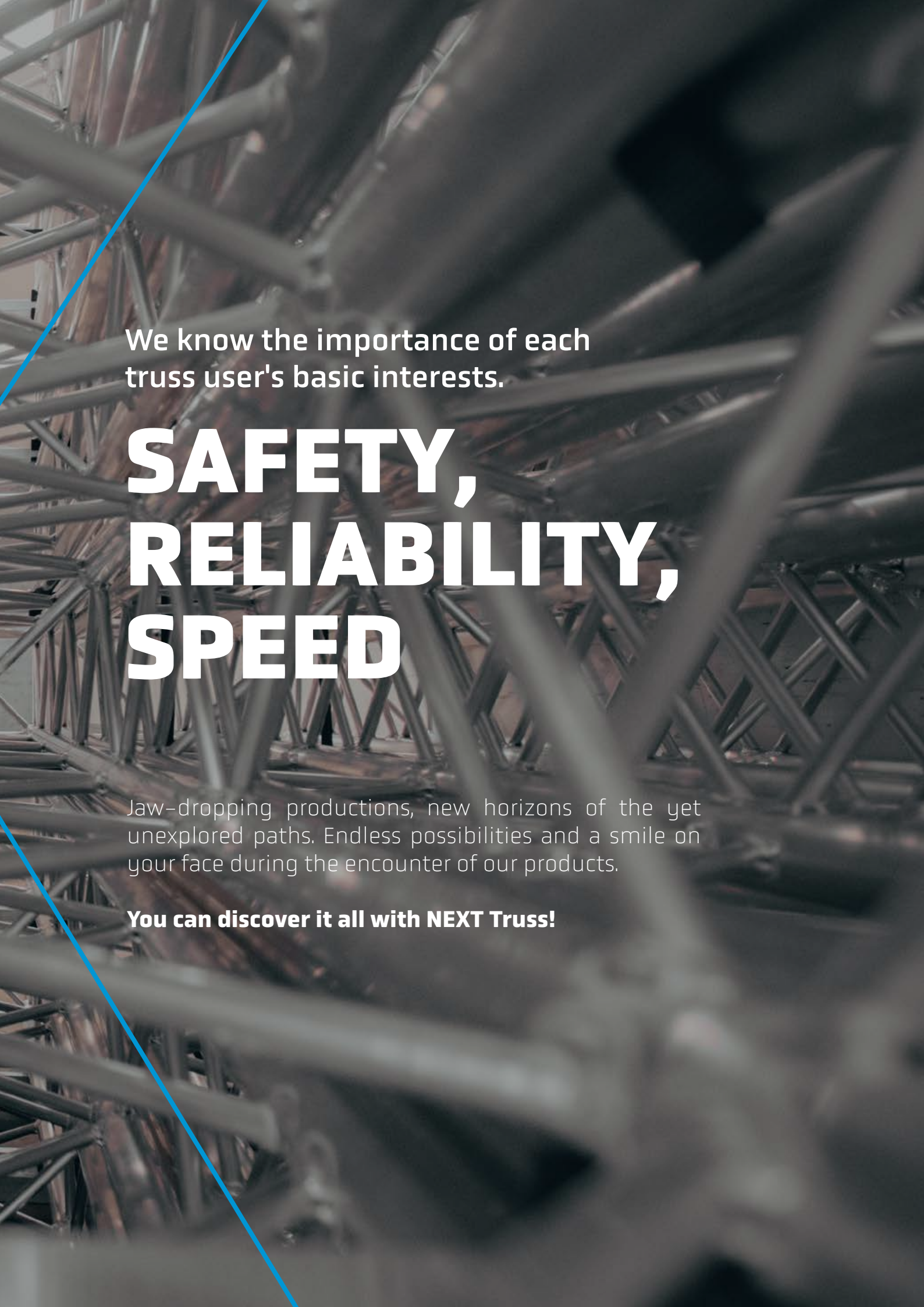
Truss spans can be assembled from multiple truss lengths, the loading figures are only valid when the product is being used in the correct orientation.

For more information regarding loading tables please contact the NEXT team.

EXAMPLE OF A LOADING TABLE

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	1281.6	2.1	1976*	2.6	1218*	2.7	854.4	2.7	640.8	2.6
4	577.1	15.4	1154.2	12.3	822*	14.9	577.1	14.6	480.9	15.5
6	2535	34.6	760.6	27.9	570.4	35.4	380.3	32.9	316.9	34.9
8	140.3	61.7	561.1	49.8	420.8	63.0	280.6	58.7	233.8	62.1
10	87.9	96.6	439.3	78.5	329.5	98.6	219.7	92.0	183.0	97.3
12	59.4	139.4	356.3	114.1	267.3	142.3	178.2	133.1	148.5	140.5
14	42.2	190.4	295.6	157.0	221.7	194.1	147.8	182.1	123.1	191.8
16	31,1	249,7	248,6	207,7	186,5	254,3	124,3	239,2	103,6	251,3
18	23,4	317,3	211,0	266,6	158,2	322,9	105,5	304,6	87,9	319,3
↑ 1	↑ 2	↑ 3	↑ 4	↑ 5	↑ 6	↑ 7	↑ 8	↑ 9	↑ 10	↑ 11

1. Length of the truss span in meters or feet
2. Allowable UDL (uniformly distributed load) in kg/m or lbs/ft.
3. Deflection in millimeters or inches atUDL
4. Allowable CPL (center point load) in kg or lbs (a point load that divides a span into 2 Equivalent sections)
5. Deflection in millimeters or inches at CPL
6. Allowable (TPL) third point loads in kg or lbs (two equivalent point loads that divide the span into 3 equal sections).
7. Deflection in millimeters or inches under TPL
8. Allowable (QPL) quarter-point loads in kg or lbs (three equivalent point loads that divide the span into 4 equal sections).
9. Deflection in millimeters or inches under QPL
10. Allowable (FPL) fifth point loads in kg or lbs (four equivalent point loads that divide the span into 5 equal sections).
11. Deflection in millimeters or inches under FPL



We know the importance of each truss user's basic interests.

SAFETY, RELIABILITY, SPEED

Jaw-dropping productions, new horizons of the yet unexplored paths. Endless possibilities and a smile on your face during the encounter of our products.

You can discover it all with NEXT Truss!

HOW NEXT PRODUCT CODES WORK

Example NSR54 Rectangular Truss

N S R 5 4 - ★★★

NEXT Truss

Tube dimensions

X = 2mm (Ø 51)
H = 3mm (Ø 48)
S = 4mm (Ø 50)
B = 5mm (Ø 60)

Special truss type (optional)

L = Ladder bracing
R = Rectangular
T = Tower
PR= Pre rig

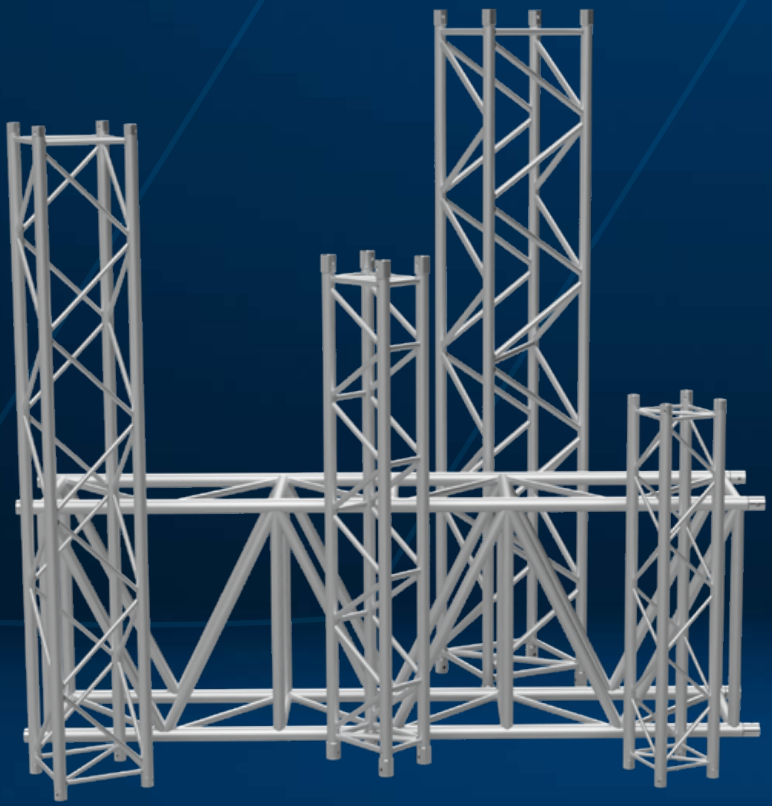
Distance / Height between tubes

0 = 0cm
2 = 20cm
3 = 30cm
4 = 40cm
5 = 50cm
6 = 60cm
10= 100cm

Number of tubes

1 = 1 tube >	Single
2 = 2 tubes >	Ladder
3 = 3 tubes >	Triangle
4 = 4 tubes >	Square / Rectangular
5 = 5 tube >	Square / Rectangular (middle beam)

Lenghts / Corner types



THE NEW STANDARD
NEXT TRUSS

- ✓ FAST LEAD TIMES
- ✓ QUALITY PRODUCTS, GREAT VALUE
- ✓ SUPERIOR CUSTOMER SERVICE
- ✓ SAFE & CERTIFIED
- ✓ COMPATIBLE WITH INDUSTRY STANDARDS

Truss Matrix

Product series	Height	Width	Size Main Tube	Bracing Diagonal	Bracing Horizontal	Weight (kg/mtr)	Pin Position	Coupling System	Alloy
Truss Series									
NX01 Single Tube	51	51	51x2	N/A	N/A	N/A	Omni	NC1	EN AW6082 T6
NH01 Single Tube	48.3	48.3	48.3x3	N/A	N/A	N/A			
NX32 Ladder Truss	290	51	51x2	16x2	N/A	2.3	Vertical		
NH32 Ladder Truss	287	48,3	48.3x3	16x2	N/A	2.8			
NX42 Ladder Truss	390	51	51x2	20x2	N/A	3.2	Vertical		
NH42 Ladder Truss	387	48,3	48.3x3	20x2	N/A	3.5			
NX33 Triangle Truss	258	290	51x2	16x2	N/A	3.8	Vertical / Diagonal		
NH33 Triangle Truss	255	287	48.3x3	16x2	N/A	4.5			
NX43 Triangle Truss	345	390	51x2	20x2	N/A	6	Vertical / Diagonal		
NH43 Triangle Truss	342	387	48.3x3	20x2	N/A	8.5			
NH24 Square Truss	198	198	48.3x3	20x2	N/A	6.5			
NX34 Square Truss	290	290	51x2	16x2	N/A	5	Diagonal		
NH34 Square Truss	287	287	48.3x3	16x2	N/A	7			
NX44 Square Truss	390	390	51x2	20x2	N/A	7.5			
NH44 Square Truss	387	387	48.3x3	20x2	N/A	8.5			
NHR34 Rectangular Truss	287	198	48.3x3	16x2	48.3x3	7	Vertical / Horizontal		
NHR44 Rectangular Truss	387	287	48.3x3	20x2	48.3x3	8			
NHR54 Square Truss	518	387	48.3x3	25x3	48.3x3	9.5			
NSR54 Rectangular Truss	529	399	50x4	30x3	50x4	14		NC2	
NSR34 Rectangular Truss	359	267	50x4	25x3	25x3	11			
NS54 Square Truss	530	530	50x4	30x3	N/A	12			
NBR104 Rectangular Truss	1010	580	60x6	48.3x3	50x3	25			
NSPR35 Pre Rig Truss	349	610	50x4	25x3	50x4	16			
Tower Truss									
NST44 Tower Truss	390	390	50x4	25x3	30x3	10	Diagonal	NC1	EN AW6082 T6
NBT54 Tower Truss	530	530	60x5	30x3	30x3	14	Vertical / Horizontal	NC2	

All measurements are in mm.

Corners

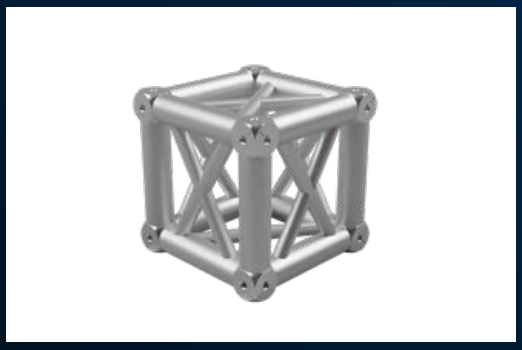
To complete our trussing range, NEXT produces a wide range of fixed, box and book corners. These corners make it possible to build the structure you desire and to realize your projects. Give your creativity some room, because these corners make it possible to create infinite possibilities!

Fixed Corners

Create stunning 2D and 3D structures with ease using our range of fixed corners designed specifically for the NX/NH32, 33, NH34, 44, and NSR34 series. Our fixed corners come in a variety of options, allowing you to customize your designs and bring your vision to life.

Choose from a wide range of angles, from 45 to 135 degrees, and select from two to six-way corner variations. If you need a specific angle, we are happy to accommodate your request.

Box Corners



Box corners enable you to create corners with up to six orientations. Box corners match with standard fixed corners by using a variety of accessories in the NC1 and NC2 coupling system.

A box corner can be used in all kinds of configurations that are built-in 90-degree angles. This makes it a handy and cost-efficient product. In addition, the box corner is stronger than a fixed corner and easier to transport. Upgrade your truss system today and unleash your creativity with NEXT Truss Box corners.

Book Corners

Book corners offer users increased flexibility for endless angle adjustment between 1° and 180°. The corners are designed so that a bolt must be inserted through the aluminum hinge frame to connect the female receivers or male half connectors.

Note: Bookcorners are not load-bearing parts and must be supported on both sides of the frame and fixed for safe use.

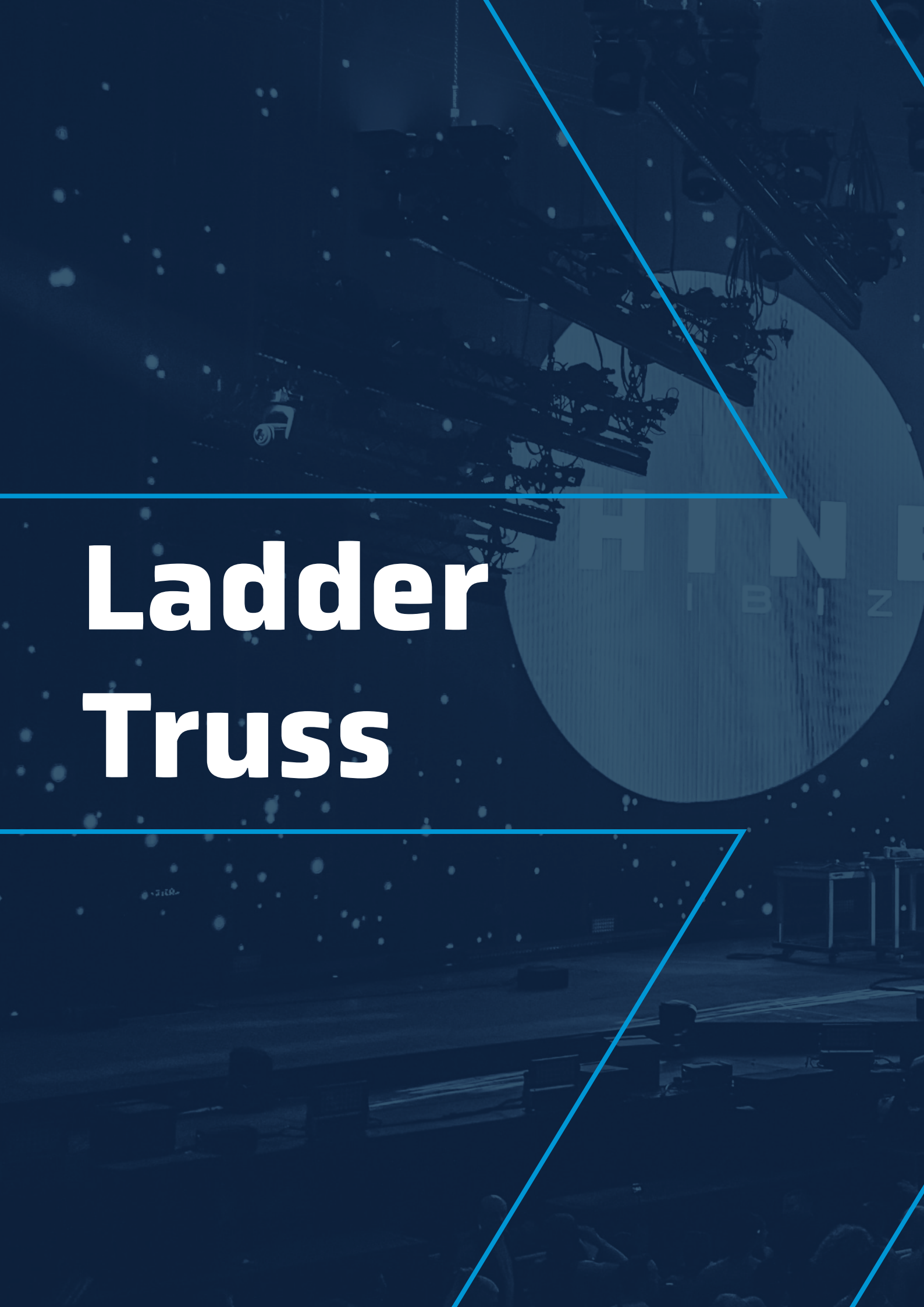
Corner Matrix

Product series	NX/NH32 Ladder Truss	NX/NH42 Ladder Truss	NX/NH33 Triangular Truss	NX/NH43 Triangular Truss	NH24 Square Truss	NX/NH34 Square Truss	NX/NH44 Square Truss	NHR34 Rectangular Truss	NHR44 Rectangular Truss	NHR54 Rectangular Truss	NSR34 Rectangular Truss	NS54 Square Truss	NSR54 Rectangular Truss	NBR104 Rectangular Truss
Fixed corners														
Corner 45 degrees	✓	✓	✓	✓		✓	✓							
Corner 60 degrees	✓	✓	✓	✓		✓	✓							
Corner 90 degrees	✓	✓	✓	✓		✓	✓				✓			
Corner 120 degrees	✓	✓	✓	✓		✓	✓							
Corner 135 degrees	✓	✓	✓	✓		✓	✓							
Corner 3 way			✓	✓		✓	✓				✓			
Corner 3 way – T-Joint	✓	✓	✓	✓		✓	✓				✓			
Corner 4 way			✓	✓		✓	✓				✓			
Corner 4 way – Cross	✓	✓	✓	✓		✓	✓				✓			
Corner 5 way			✓	✓		✓	✓							
Corner 6 way			✓	✓										

Box Corners														
Box Corner	✓	✓			✓	✓	✓	✓	✓	✓	✓*	✓*	✓*	✓*
Attachments to make 44x44 cm						✓								
Attachments to make 50x50 cm						✓								
Attachments to make 54x54 cm							✓				✓	✓		
Attachments to make 60x60 cm							✓							
Direct attachments (steel connector)	✓	✓			✓	✓	✓	✓	✓	✓				

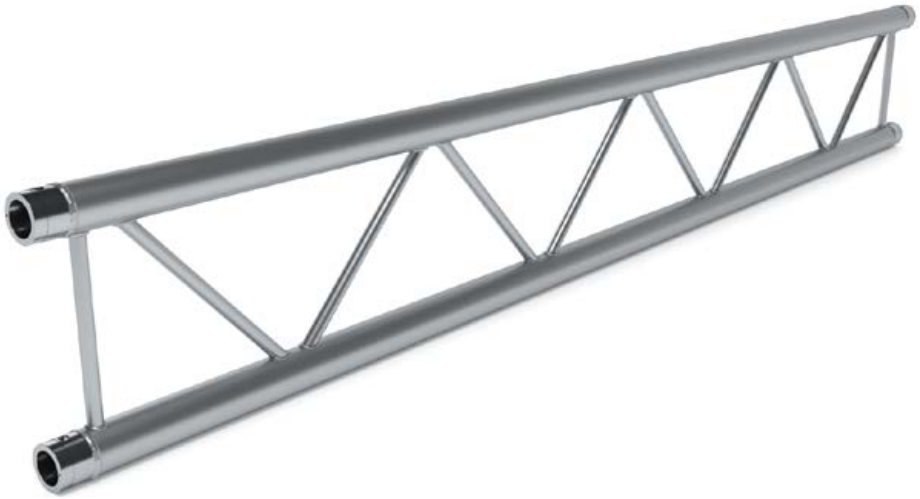
**These box corners can only be used with NC2-BOB80*

Book Corners														
Book Corner			✓	✓		✓	✓							



Ladder Truss

NX32 LADDER Truss



NX32 LADDER

The most standard truss for the exhibition industry, it is our mid-sized ladder truss that is meant for medium-duty use. The NX32 truss is made of main tubes (51 x 2 mm) and braces (16 x 2 mm).

The NX32 ladder truss can be used perfectly for trade shows, exhibitions, fairs, etc. But it is also a product that is a popular choice for many other purposes and applications.

Equipped with the NC1 conical coupling system, the NX32 truss is quick and easy to assemble. NX32 truss also has a series of corners and accessories.

THE ESSENTIALS

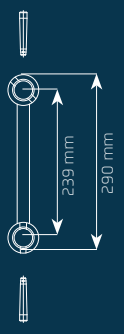
- Fast and easy assembly
- Lightweight system
- Ideal for exhibitons & indoor use
- Low volume

Technical specifications

Height	290 mm	11.42 in
Width	51 mm	2 in
Size Main Tube	51 x 2 mm	2 x 0.8 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~2,3 kg/mtr	~1.5 lb/ft

Pin Position	Vertical
Coupling System	NC1
Alloy	EN AW 6082 T6

Diagram



NX32 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	451	1,5	876*	2,3	451	2	300	1,9	225	1,8
3	300	5	654*	5,8	437*	6,5	300	6,3	225	6
4	224	11,8	518*	10,9	358*	12,8	283*	14	224,6	14,2
5	179	23	427*	17,6	303*	21,2	228*	22,2	184*	22,8
6	129	34,6	362*	25,9	260*	31,6	191*	32,3	154*	33,2
7	94	47,2	315*	36,1	226*	44	163*	44	133*	45,7
8	72	61,7	274*	47,3	201*	58,7	141*	57,6	116*	60,4
9	56	78,1	244*	60,7	179*	75,2	126*	73,7	103*	76,5
10	45	96,5	220*	76	162*	93,9	112*	91,1	93*	95,4

Imperial Loading Charts

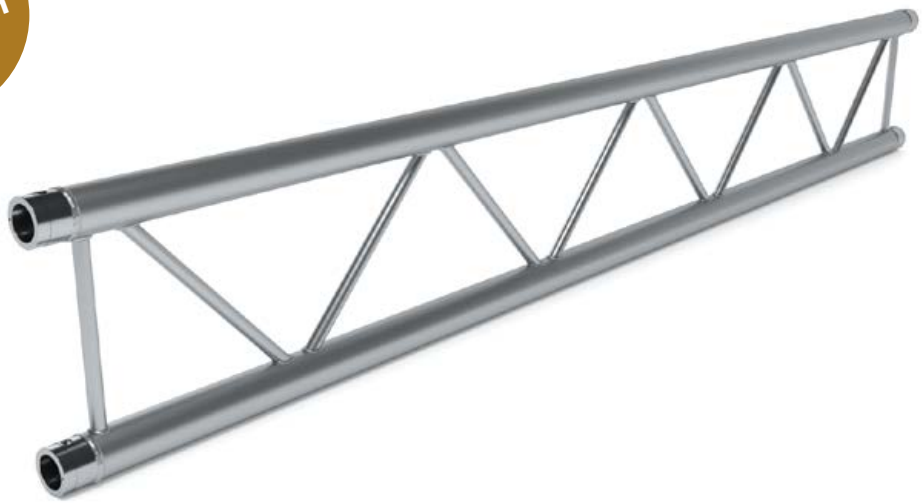
Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	303	0,6	1931*	0,9	995	0,8	663	0,7	497	0,7
9,8	201	2,0	1441*	2,3	963*	2,6	661	2,5	496	2,4
13,1	150	4,6	1142*	4,3	789*	5,0	623*	5,5	495	5,6
16,4	120	9,1	941*	6,9	668*	8,3	502*	8,7	405*	9,0
19,7	87	13,6	798*	10,2	573*	12,4	421*	12,7	339*	13,1
22,97	63	18,6	694*	14,2	498*	17,3	359*	17,3	293*	18,0
26,25	48	24,3	604*	18,6	443*	23,1	310*	22,7	255*	23,8
29,53	38	30,7	537*	23,9	394*	29,6	277*	29,0	227*	30,1
32,81	30	38,0	485,*	29,9	357*	37,0	246*	35,9	205*	37,6

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without lateral stabilization is: 1200,0 mm
• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NH32 LADDER Truss

Heavy Duty
48.3x3 mm



NH32 LADDER

The NH32 Ladder truss is engineered from main tubes (48.3 x 3 mm) and braces (16 x 2 mm). It is our mid-sized ladder truss.

Equipped with the NC1 conical coupling system, the NH32 truss is fast and easy to assemble.

Ladder trusses can be used in a broad range of applications. They are usually used indoors for small lighting applications. For example in TV or photo studios, or to install curtains in theatre settings. Ladder Truss is also ideal for a more decorative application in a commercial environment

NH32 truss also has a series of corners and accessories.

THE ESSENTIALS

- Fast and easy assembly
- TÜV Approved
- Lightweight system
- Ideal for exhibitons & indoor use
- Low volume

Technical specifications

Height	287 mm	11.3 in
Width	48.3 mm	1.9 in
Size Main Tube	48.3 x 3 mm	1.9 x 0.12 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~2.8 kg/mtr	~1.9 lb/ft

Pin Position	Vertical
Coupling System	NC1
Alloy	EN AW 6082 T6

Diagram

NH32 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	457	1.1	914	1.7	457	1.5	304	1.4	228	1.3
3	303	3.7	911	5.8	455	5	303	4.6	227	4.4
4	227	8.7	812	12.4	454	11.8	303	11	227	10.5
5	181	17	647	19.3	453	23	302	21.4	226	20.5
6	150	29.3	537	27.9	402	35.5	268	33	223	35
7	128	46.6	458	38.1	343	48.4	229	45	190	47.7
8	99	61.9	398	49.8	298	63.2	199	58.8	166	62.3
9	78	78.3	351	63.2	263	80	175	74.6	146	78.9
10	62	96.8	314	78.3	235	98.9	157	92.2	130	97.5

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	307	0	2015	1	1008	1	672	1	504	1
9,8	204	1	2010	2	1005	2	670	2	502	2
13,1	153	3	1791	5	1002	5	668	4	501	4
16,4	122	7	1427	8	999	9	666	8	500	8
19,7	101	12	1184	11	888	14	592	13	493	14
22,97	86	18	1010	15	757	19	505	18	421	19
26,25	66	24,4	878	19,6	658	24,9	439	23,1	366	24,5
29,53	52	30,8	775	24,9	581	31,5	387	29,4	323	31,1
32,81	42	38,1	692	30,8	519	38,9	346	36,3	288	38,4

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without lateral stabilization is: 1100,0 mm

- *High values of distributed loads are idealized. Loads must be applied to node points!*
- *Full loading tables are available on request.*

NX32 LENGTHS

Productcode	Description
NX32-021	LADDER NX32 LENGTH 21 CM 51X2mm
NX32-025	LADDER NX32 LENGTH 25 CM 51X2mm
NX32-029	LADDER NX32 LENGTH 29 CM 51X2mm
NX32-050	LADDER NX32 LENGTH 50 CM 51X2mm
NX32-058	LADDER NX32 LENGTH 58 CM 51X2mm
NX32-071	LADDER NX32 LENGTH 71 CM 51X2mm
NX32-075	LADDER NX32 LENGTH 75 CM 51X2mm
NX32-100	LADDER NX32 LENGTH 100 CM 51X2mm
NX32-150	LADDER NX32 LENGTH 150 CM 51X2mm
NX32-200	LADDER NX32 LENGTH 200 CM 51X2mm
NX32-250	LADDER NX32 LENGTH 250 CM 51X2mm
NX32-300	LADDER NX32 LENGTH 300 CM 51X2mm
NX32-350	LADDER NX32 LENGTH 350 CM 51X2mm
NX32-400	LADDER NX32 LENGTH 400 CM 51X2mm

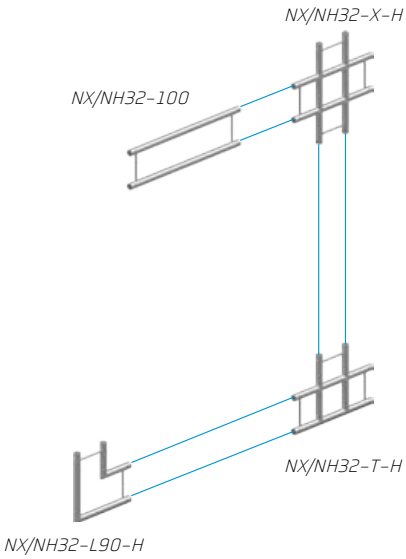
NH32 LENGTHS

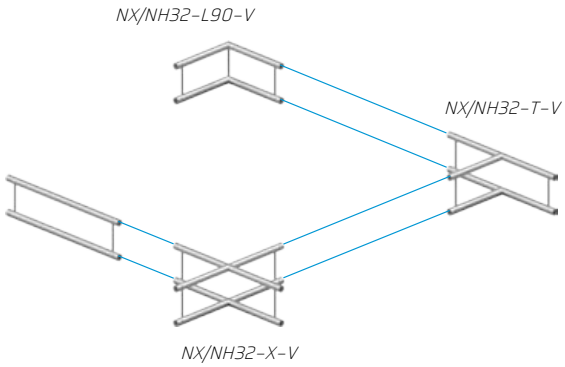
Productcode	Description
NH32-021	LADDER NH32 LENGTH 21 CM 48,3x3mm
NH32-025	LADDER NH32 LENGTH 25 CM 48,3x3mm
NH32-029	LADDER NH32 LENGTH 29 CM 48,3x3mm
NH32-050	LADDER NH32 LENGTH 50 CM 48,3x3mm
NH32-058	LADDER NH32 LENGTH 58 CM 48,3x3mm
NH32-071	LADDER NH32 LENGTH 71 CM 48,3x3mm
NH32-075	LADDER NH32 LENGTH 75 CM 48,3x3mm
NH32-100	LADDER NH32 LENGTH 100 CM 48,3x3mm
NH32-150	LADDER NH32 LENGTH 150 CM 48,3x3mm
NH32-200	LADDER NH32 LENGTH 200 CM 48,3x3mm
NH32-250	LADDER NH32 LENGTH 250 CM 48,3x3mm
NH32-300	LADDER NH32 LENGTH 300 CM 48,3x3mm
NH32-350	LADDER NH32 LENGTH 350 CM 48,3x3mm
NH32-400	LADDER NH32 LENGTH 400 CM 48,3x3mm

NX/NH32 Corners

In the NX/NH32 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NX/NH32 corner collection with the straight elements. Let your creativity run wild because these corner pieces offer endless possibilities. The NX/NH32 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X-pieces.

Productcode	Size in cm
NX/NH32-L45-H	100x100
NX/NH32-L45-V	100x100
NX/NH32-L60-H	100x100
NX/NH32-L60-V	100x100
NX/NH32-L90-H	50x50
NX/NH32-L90-V	50x50
NX/NH32-L120-H	50x50
NX/NH32-L120-V	50x50
NX/NH32-L135-H	50x50
NX/NH32-L135-V	50x50
NX/NH32-T-H	71x50
NX/NH32-T-V	95x50
NX/NH32-X-H	71x71
NX/NH32-X-V	95x95





NBOX-32 Box corner

Box corner NX/NH32

The Box Corners from NEXT Truss for the 32 series enable you to create corners up to 4 ways in configurations of 90-degree angles.
To create these configurations attachments can be screwed onto the box corner using bolts. These connections are available in various sizes and types, depending on what kind of angle needs to be made.

Technical specifications

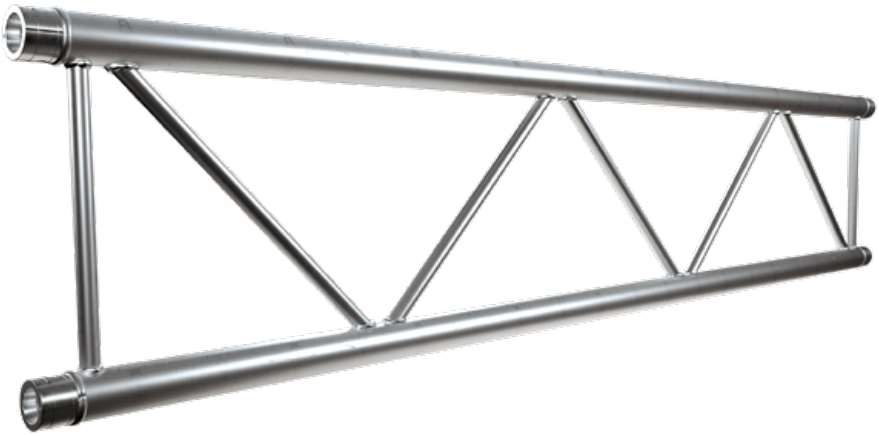
Height	289 mm
Width	50mm
Size Main Tube	50 x 3,5 mm
Weight	1,1 kg
Pin Position	Vertical
Coupling System	NC1
Bolt size	M12
Alloy	EN AW 6082 T6

BOX Attachments

Productcode	Description
BOX-SCON-ST	STEEL HALF COUPLER HOLE/M12 FOR BOX CORNERS
NC1-BOB75	FEMALE COUPLER 12MM HOLE L=75mm
NC1-BOB105	FEMALE COUPLER 12MM HOLE L=105mm

All corners are shown without bracing to improve indication of direction.

NX42 LADDER Truss



NX42 LADDER

Slightly bigger as our NX32 is our mid-sized NX42 ladder truss that is meant for medium-duty use. The NX42 truss is made of main tubes (51 x 2 mm) and braces (20 x 2 mm).

The NX42 ladder truss can be used perfectly for trade shows, exhibitions, fairs, etc. But it is also a product that is a popular choice for many other purposes and applications.

Equipped with the NC1 conical coupling system, the NX42 truss is quick and easy to assemble. NH32 truss also has a series of corners and accessories.

THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- Ideal for exhibitons & indoor use
- Low volume

Technical specifications

Height	390 mm	15.4 in
Width	51 mm	2 in
Size Main Tube	51 x 2 mm	2 x 0.8 in
Size Bracing	20 x 2 mm	0.78 x 0.08 in
Weight	~3.2 kg/mtr	~2.2 lb/ft

Pin Position	Vertical
Coupling System	NC1
Alloy	EN AW 6082 T6

Diagram

NX42 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	438	0,7	876	1,1	438	1	292	0,9	219	0,9
3	291	2,4	848*	3,8	437	3,3	291	3,1	218	2,9
4	217	5,8	685*	7,2	435	7,8	290	7,3	217	6,9
5	173	11,3	579*	12	391*	13,8	289	14,2	217	13,6
6	144	19,5	491*	17,7	344*	21	265*	22,6	212*	23
7	123	30,9	428*	24,7	303*	29,7	228*	31,1	184*	31,9
8	102	44	380*	33,1	270*	39,7	198*	40,6	162*	42,2
9	80	55,7	339*	42,4	243*	51,4	177*	52	144*	54
10	64	68,8	302*	52,6	222*	64,9	158*	64,3	129*	66,7

Imperial Loading Charts

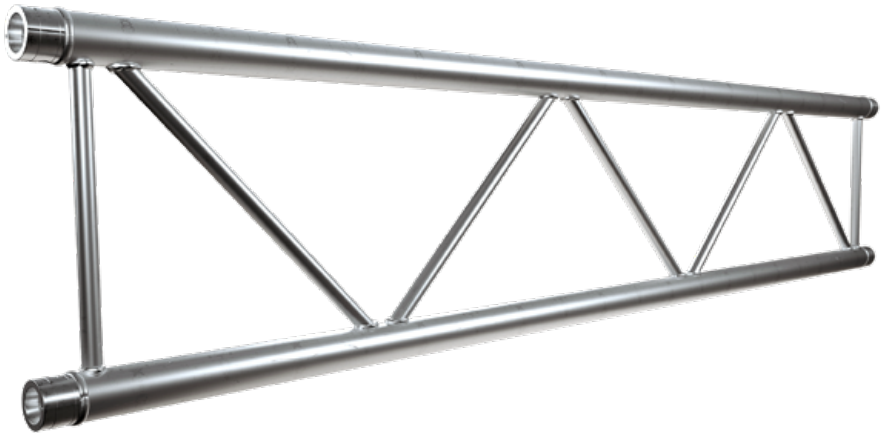
Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	295	0	1933	0	967	0	644	0	483	0
9,8	196	1	1870*	1	963	1	642	1	482	1
13,1	146	2	1510*	3	960	3	640	3	480	3
16,4	117	4	1276*	5	862*	5	638	6	478	5
19,7	97	8	1082*	7	758*	8	584*	9	467*	9
23,0	83	12	944*	10	668*	12	503*	12	406*	13
26,2	69	17	838*	13	595*	16	437*	16	357*	17
29,5	54	22	747*	17	536*	20	390*	20	317*	21
32,8	43	27	666*	21	489*	26	348*	25	284*	26

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without lateral stabilization is: 1200,0 mm
• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NH42 LADDER Truss

Heavy Duty 48.3x3 mm



NH42 LADDER

The NH42 Ladder truss is engineered from main tubes (48.3 x 3 mm) and braces (20 x 2 mm). It is our mid-sized ladder truss.

Equipped with the NC1 conical coupling system, the NH42 truss is fast and easy to assemble.

Ladder trusses can be used in a broad range of applications. They are usually used indoors for small lighting applications. For example in TV or photo studios, or to install curtains in theatre settings. Ladder Truss is also ideal for a more decorative application in a commercial environment

NH42 truss also has a series of corners and accessories.

THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- Ideal for exhibitons & indoor use
- Low volume

Technical specifications

Height	387 mm	15.2 in
Width	48.3 mm	1.9 in
Size Main Tube	48.3 x 3 mm	1.9 x 0.12 in
Size Bracing	20 x 2 mm	0.78 x 0.08 in
Weight	~3.5kg/mtr	~2.4 lb/ft
Pin Position	Vertical	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram

NH42 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	438	0,5	876	0,8	438	0,7	292	0,7	219	0,6
3	291	1,8	873	2,8	436	2,4	291	2,2	218	2,1
4	217	4,2	869	6,6	435	5,6	290	5,3	217	5
5	173	8,1	806*	12	433	11	288	10,3	216	9,8
6	143	14,1	691*	17,9	431,8	19	287	17,7	215	16,9
7	122	22,3	603*	24,9	426*	29,9	286	28,1	215	26,9
8	107	33,3	530*	33	381*	40,1	279*	41	214	40,1
9	94	47,5	474*	42,3	344*	52	247*	52	202*	54
10	85	65,2	428*	53	311*	64,9	221*	64,3	182*	67,4

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	294	0	1932	0	966	0	644	0	483	0
9,8	196	1	1925	1	963	1	642	1	481	1
13,1	146	2	1918	3	959	2	639	2	480	2
16,4	116	3	1777*	5	955	4	637	4	478	4
19,7	97	6	1523*	7	952	7	634	7	476	7
23,0	83	9	1329*	10	939*	12	632	11	474	11
26,2	72	13	1168*	13	840*	16	615*	16	472	16
29,5	64	19	1045*	17	758*	20	545*	20	445*	21
32,8	57	26	944*	21	686*	26	487*	25	401*	27

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without lateral stabilization is: 1100,0 mm
• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NX42 LENGTHS

Productcode	Description
NX42-025	TRIANGLE NX42 LENGTH 25 CM 51X2mm
NX42-050	TRIANGLE NX42 LENGTH 50 CM 51X2mm
NX42-075	TRIANGLE NX42 LENGTH 75 CM 51X2mm
NX42-081	TRIANGLE NX42 LENGTH 81 CM 51X2mm
NX42-100	TRIANGLE NX42 LENGTH 100 CM 51X2mm
NX42-150	TRIANGLE NX42 LENGTH 150 CM 51X2mm
NX42-200	TRIANGLE NX42 LENGTH 200 CM 51X2mm
NX42-250	TRIANGLE NX42 LENGTH 250 CM 51X2mm
NX42-300	TRIANGLE NX42 LENGTH 300 CM 51X2mm
NX42-350	TRIANGLE NX42 LENGTH 350 CM 51X2mm
NX42-400	TRIANGLE NX42 LENGTH 400 CM 51X2mm

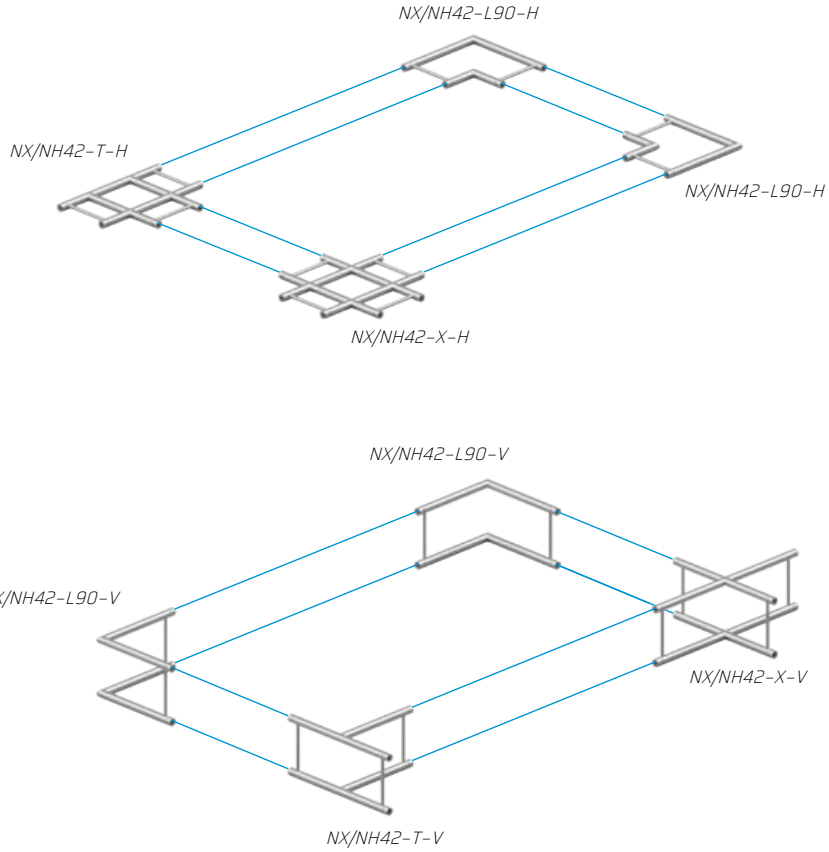
NH42 LENGTHS

Productcode	Description
NH42-025	SQUARE NH42 LENGTH 25 CM 48,3x3mm
NH42-050	SQUARE NH42 LENGTH 50 CM 48,3x3mm
NH42-075	SQUARE NH42 LENGTH 75 CM 48,3x3mm
NH42-081	SQUARE NH42 LENGTH 81 CM 48,3x3mm
NH42-100	SQUARE NH42 LENGTH 100 CM 48,3x3mm
NH42-150	SQUARE NH42 LENGTH 150 CM 48,3x3mm
NH42-200	SQUARE NH42 LENGTH 200 CM 48,3x3mm
NH42-250	SQUARE NH42 LENGTH 250 CM 48,3x3mm
NH42-300	SQUARE NH42 LENGTH 300 CM 48,3x3mm
NH42-350	SQUARE NH42 LENGTH 350 CM 48,3x3mm
NH42-400	SQUARE NH42 LENGTH 400 CM 48,3x3mm

NX/NH42 Corners

In the NX/NH32 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NX/NH32 corner collection with the straight elements. Let your creativity run wild because these corner pieces offer endless possibilities. The NX/NH32 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X-pieces.

Productcode	Size in cm
NX/NH42-L45-H	120x120
NX/NH42-L45-V	100x100
NX/NH42-L60-H	100x100
NX/NH42-L60-V	100x100
NX/NH42-L90-H	60x60
NX/NH42-L90-V	60x60
NX/NH42-L120-H	60x60
NX/NH42-L120-V	60x60
NX/NH42-L135-H	60x60
NX/NH42-L135-V	60x60
NX/NH42-T-H	81x60
NX/NH42-T-V	115x60
NX/NH42-X-H	81x81
NX/NH42-X-V	115x115



BOX-42 Box corner

Box corner NX/NH42

The Box Corners from NEXT Truss for the 42 series enable you to create corners up to 4 ways in configurations of 90-degree angles.
To create these configurations attachments can be screwed onto the box corner using bolts. These connections are available in various sizes and types, depending on what kind of angle needs to be made.

Technical specifications

Height	389 mm
Width	50 mm
Size Main Tube	50 x 3,5 mm
Weight	1,4 kg
Pin Position	Vertical
Coupling System	NC1
Bolt size	M12
Alloy	EN AW 6082 T6

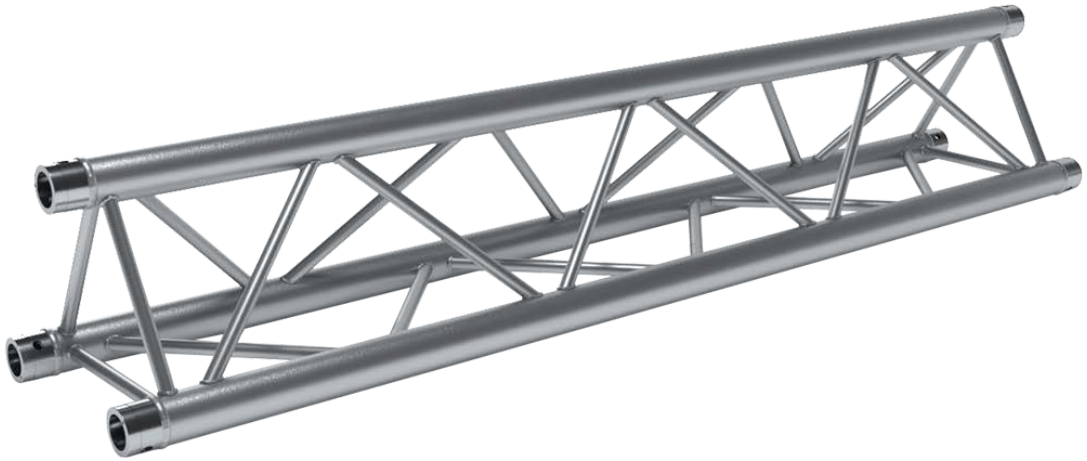
BOX Attachments

Productcode	Description
BOX-SCON-ST	STEEL HALF COUPLER HOLE/M12 FOR BOX CORNERS
NC1-BOB75	FEMALE COUPLER 12MM HOLE L=75mm
NC1-BOB105	FEMALE COUPLER 12MM HOLE L=105mm

All corners are shown without bracing to improve indication of direction.

Triangular Truss

NX33 TRIANGLE Truss



NX33 TRIANGLE

Meet one of our dedicated trusses for the exhibition industry, it is a mid-sized triangular truss that is meant for medium-duty use. The NX33 truss is made of main tubes (51 x 2 mm) and braces (16 x 2 mm).

The NX33 triangular truss can be used perfectly for trade shows, exhibitions, fairs, etc. But it is also a product that is a popular choice for many other purposes and applications.

Equipped with the NC1 conical coupling system, the NX33 truss is quick and easy to assemble. NX33 truss also has a series of corners and accessories.

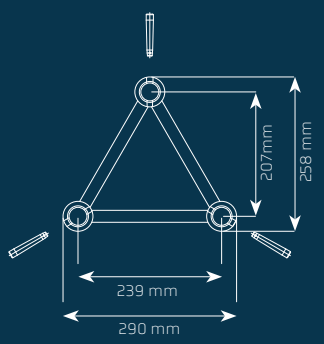
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- Versatile application

Technical specifications

Height	258 mm	10.16 in
Width	290 mm	11.42 in
Size Main Tube	51 x 2 mm	2 x 0.08 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~3.8 kg/m	~2.6 lb/ft
Pin Position	Vertical/Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NX33 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	795	2,6	911*	2,4	622*	2,7	425*	2,6	390*	3
3	453	7,4	632*	5,5	454*	6,8	333*	6,9	269*	7,1
4	253	13,2	487*	10,2	350*	12,4	248*	12,3	205*	12,9
5	160	20,6	390*	16,1	287*	20,1	199*	19,4	164*	20,4
6	110	29,8	322*	23,3	239*	29,2	164*	28	136*	29,4
7	80	40,5	276*	32,2	205*	40,2	139*	38,2	116*	40,5
8	60	53	238*	42,3	179*	53,1	120*	50,1	100*	52,9
10	37	83,1	184*	66,9	140*	84	93*	78,7	78*	83
12	25	120,2	149*	98,6	112,8*	122,5	74*	114	62,6*	121

Imperial Loading Charts

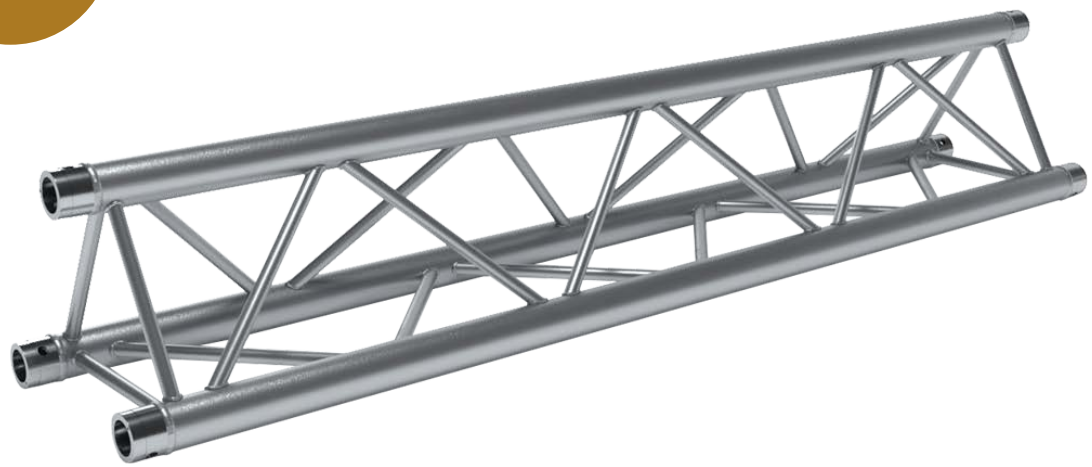
Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	535	1	2008*	1	1371*	1	937*	1	860*	1
9,8	305	3	1393*	2	1001*	3	734*	3	593*	3
13,1	170	5	1074*	4	772*	5	547*	5	452*	5
16,4	108	8	860*	6	633*	8	439*	8	362*	8
19,7	74	12	710*	9	527*	11	362*	11	300*	12
23,0	54	16	608*	13	452*	16	306*	15	256*	16
26,2	41	21	525*	17	395*	21	265*	20	220*	21
32,8	25	33	406*	26	309*	33	205*	31	172*	33
39,4	17	47	328*	39	249*	48	163*	45	138*	48

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NH33 TRIANGLE Truss

Heavy Duty
48.3x3 mm



NH33 TRIANGLE

The NH33 truss is made of main tubes (48.3 x 3 mm) and braces (16 x 2 mm). It is our mid-sized triangular stage truss that is extremely versatile.

Equipped with the NC1 conical coupling system, the NH33 truss is quick and easy to assemble.

Triangular trusses are mostly used for permanent installation or decorating purposes. The NH33 is mainly designed for use in the installation, rental and exhibition market. But it is also a popular choice for many other purposes and applications.

NH33 truss also has a series of corners and accessories.

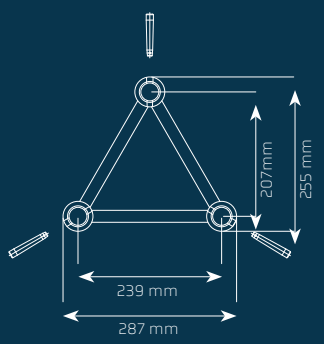
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- TÜV Approved
- Versatile application

Technical specifications

Height	255 mm	10.03 in
Width	287 mm	11.3 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~4.5 kg/mtr	~3 lb/ft
Pin Position	Vertical/Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NH33 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	791	1.8	1420	2.7	791	2.5	527	2.3	395	2.2
3	526	6.2	943	6	707	7.6	471	7.1	393	7.5
4	352	13.3	704	10.6	528	13.5	352	12.6	293	13.4
5	223	20.7	559	16.7	419	21.2	279	19.7	233	20.9
6	154	29.9	462	24.1	346	30.5	231	28.4	192	30.1
8	84	53.2	339	43.1	254	54.3	169	50.7	141	53.6
10	52	83.4	264	68	198	85.1	132	79.6	110	84
12	35	120.5	212	99.2	159	122.9	106	115.2	88	121.4
14	25	164.7	174	136.9	131	167.8	87.3	157.7	72	165.8

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6.6	532	1	3132	1	1746	1	1163	1	873	1
9.8	354	2	2081	2	1560	3	1040	3	867	3
13.1	237	5	1552	4	1164	5	776	5	647	5
16.4	150	8	1234	7	925	8	617	8	514	8
19.7	104	12	1020	9	765	12	510	11	425	12
26.25	57	21	749	17	562	21	375	20	312	21
32.81	35	32.8	582	26.8	437	33.5	291	31.3	242	33.1
39.37	23	47.4	468	39.1	351	48.4	234	45.4	195	47.8
45.93	16	64.8	385	53.9	288	66.1	192	62.1	160	65.3

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

NX33 LENGTHS

Productcode	Description
NX33-021	TRIANGLE NX33 LENGTH 21 CM 51X2mm
NX33-025	TRIANGLE NX33 LENGTH 25 CM 51X2mm
NX33-029	TRIANGLE NX33 LENGTH 29 CM 51X2mm
NX33-050	TRIANGLE NX33 LENGTH 50 CM 51X2mm
NX33-058	TRIANGLE NX33 LENGTH 58 CM 51X2mm
NX33-071	TRIANGLE NX33 LENGTH 71 CM 51X2mm
NX33-075	TRIANGLE NX33 LENGTH 75 CM 51X2mm
NX33-100	TRIANGLE NX33 LENGTH 100 CM 51X2mm
NX33-150	TRIANGLE NX33 LENGTH 150 CM 51X2mm
NX33-200	TRIANGLE NX33 LENGTH 200 CM 51X2mm
NX33-250	TRIANGLE NX33 LENGTH 250 CM 51X2mm
NX33-300	TRIANGLE NX33 LENGTH 300 CM 51X2mm
NX33-350	TRIANGLE NX33 LENGTH 350 CM 51X2mm
NX33-400	TRIANGLE NX33 LENGTH 400 CM 51X2mm

NH33 LENGTHS

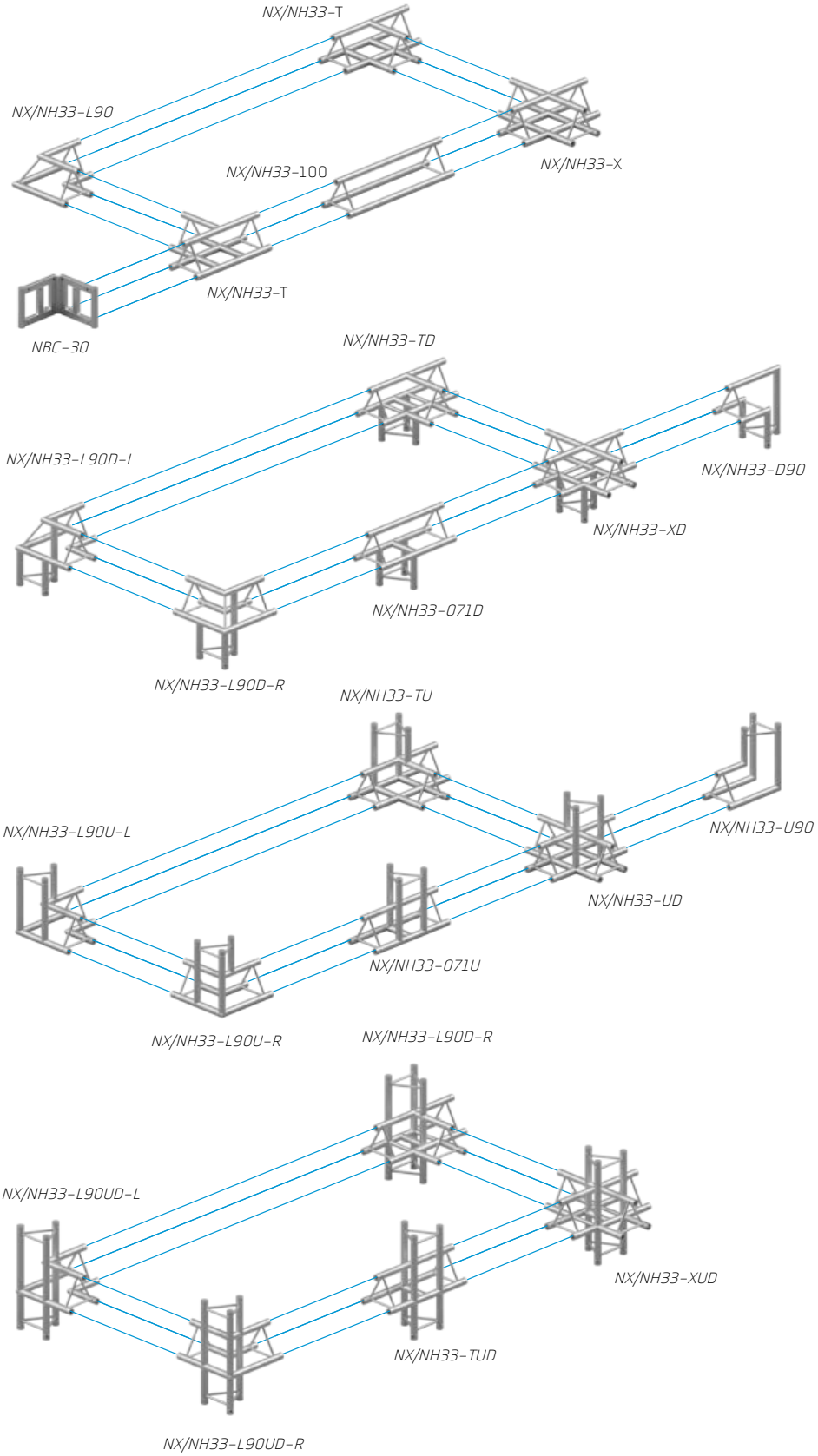
Productcode	Description
NH33-021	TRIANGLE NH33 LENGTH 21 CM 51X2mm
NH33-025	TRIANGLE NH33 LENGTH 25 CM 51X2mm
NH33-029	TRIANGLE NH33 LENGTH 29 CM 51X2mm
NH33-050	TRIANGLE NH33 LENGTH 50 CM 51X2mm
NH33-058	TRIANGLE NH33 LENGTH 58 CM 51X2mm
NH33-071	TRIANGLE NH33 LENGTH 71 CM 51X2mm
NH33-075	TRIANGLE NH33 LENGTH 75 CM 51X2mm
NH33-100	TRIANGLE NH33 LENGTH 100 CM 51X2mm
NH33-150	TRIANGLE NH33 LENGTH 150 CM 51X2mm
NH33-200	TRIANGLE NH33 LENGTH 200 CM 51X2mm
NH33-250	TRIANGLE NH33 LENGTH 250 CM 51X2mm
NH33-300	TRIANGLE NH33 LENGTH 300 CM 51X2mm
NH33-350	TRIANGLE NH33 LENGTH 350 CM 51X2mm
NH33-400	TRIANGLE NH33 LENGTH 400 CM 51X2mm

NX/NH33 Corners

In the NX/NH33 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NX/NH33 corner collection with the straight elements. Let your creativity run wild because these corner pieces offer endless possibilities. The NX/NH33 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X-pieces.

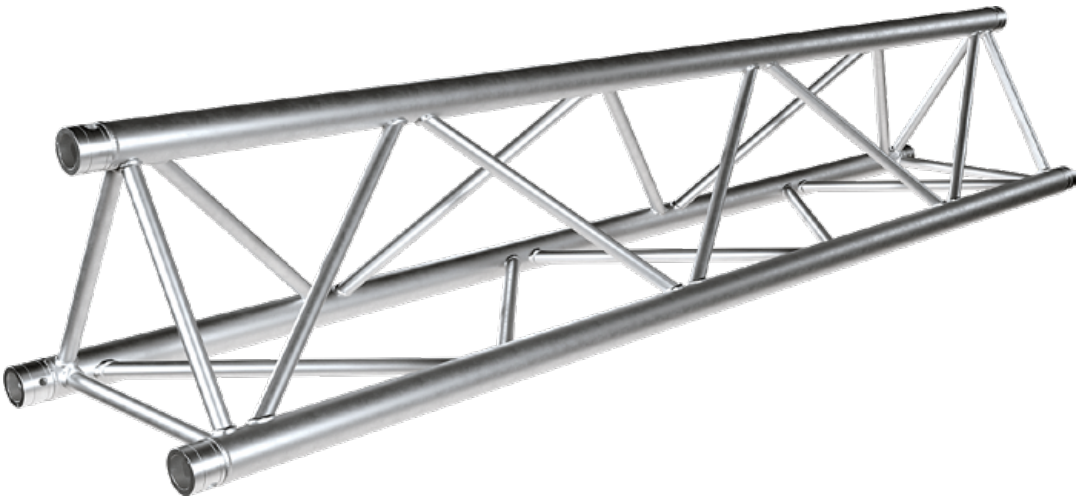
Productcode	Size in cm
NX/NH33-L45	100x100
NX/NH33-L60	100x100
NX/NH33-L90	50x50
NX/NH33-L120	50x50
NX/NH33-L135	50x50
NX/NH33-D90	50x50
NX/NH33-U90	50x50
NX/NH33-L90U-R	50x50x50
NX/NH33-L90U-L	50x50x50
NX/NH33-L90D-R	50x50x50
NX/NH33-L90D-L	50x50x50
NX/NH33-T	71x50
NX/NH33-071D	71x50
NX/NH33-071U	71x50
NX/NH33-L90UD-R	50x50x74
NX/NH33-L90UD-L	50x50x74
NX/NH33-X	71x71
NX/NH33-TD	71x50
NX/NH33-TU	71x50
NX/NH33-TUD	71x50x74
NX/NH33-XD	71x71x50
NX/NH33-XU	71x71x50
NX/NH33-XUD	71x71x74

LXWxH



All corners are shown without bracing to improve indication of direction.

NX43 TRIANGLE Truss



NX43 TRIANGLE

Looking for a bigger triangle truss then the NX33? Look no furthe! NX43 is a mid-sized triangular truss that is meant for medium-duty use. The NX43 truss is made of main tubes (51 x 2 mm) and braces (20 x 2 mm).

The NX43 triangular truss can be used perfectly for trade shows, exhibitions, fairs, etc. But it is also a product that is a popular choice for many other purposes and applications such as fixed installations.

Equipped with the NC1 conical coupling system, the NX43 truss is quick and easy to assemble. NX43 truss also has a series of corners and accessories.

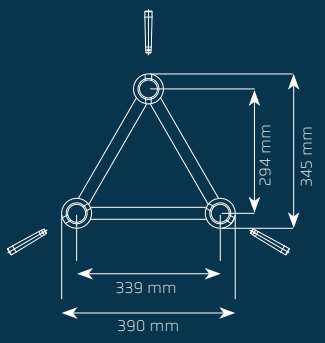
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- Versatile application

Technical specifications

Height	345 mm	13.6in
Width	390 mm	15.4 in
Size Main Tube	51 x 2 mm	2 x 0.08 in
Size Bracing	20 x 2 mm	0.79 x 0.08 in
Weight	~6 kg/mtr	~4 lb/ft
Pin Position	Vertical/Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NX43 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	759	1,2	1190*	1,6	759	1,7	506	1,6	379	1,5
3	504	4,2	867*	3,8	599*	4,5	462*	4,9	371*	5
4	358	9,5	667*	7,1	473*	8,5	348*	8,7	284*	9,1
5	227	14,8	540*	11,3	388*	13,8	279*	13,8	228*	14,3
6	156	21,3	450*	16,6	327*	20,3	230*	19,9	190*	20,9
8	85	38	332*	30,1	246*	37,4	169*	35,9	140*	37,6
10	52	59,6	259*	48,1	194*	59,7	131*	56,4	109*	59,5
12	35	86,3	206*	70,4	156*	87,1	104*	81,9	87*	86,1
14	24	118	166*	97,7	127,2	120,1	84*	112,4	70	118,8

Imperial Loading Charts

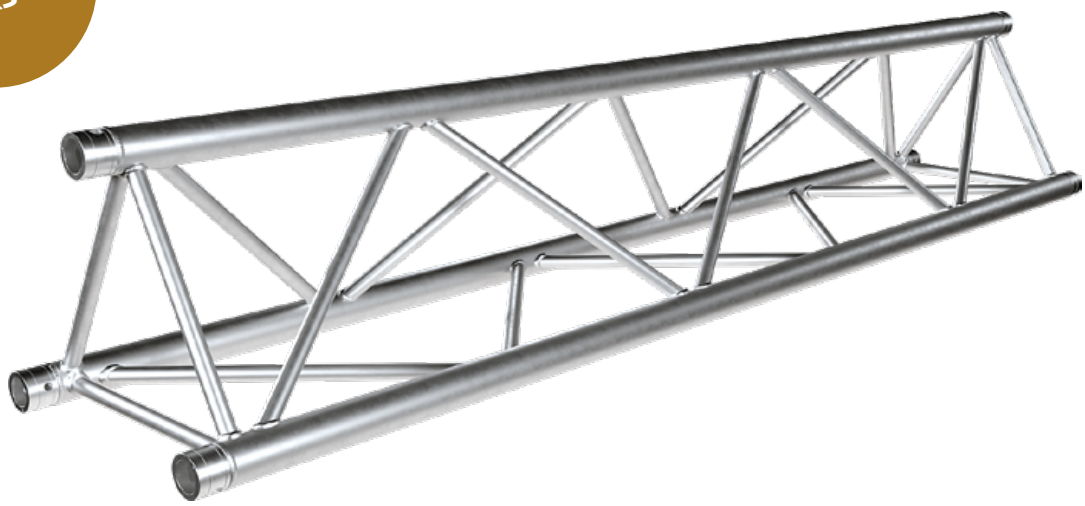
Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	510	0	2624*	1	1673	1	1116	1	837	1
9,8	339	2	1911*	1	1321*	2	1019*	2	818*	2
13,1	241	4	1470*	3	1043*	3	767*	3	626*	4
16,4	153	6	1190*	4	855*	5	615*	5	503*	6
19,7	105	8	992*	7	721*	8	507*	8	419*	8
26,2	57	15	732*	12	542*	15	373*	14	309*	15
32,8	35	23	571*	19	428*	24	289*	22	240*	23
39,4	24	34	454*	28	344*	34	229*	32	192*	34
45,9	16	46	366*	38	280	47	185*	44	156	47

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NH43 TRIANGLE Truss

Heavy Duty
48.3x3 mm



NH43 TRIANGLE

The NH43 truss is made of main tubes (48.3 x 3 mm) and braces (20 x 2 mm). It is our mid-sized triangular stage truss that is extremely versatile.

Equipped with the NC1 conical coupling system, the NH43 truss is quick and easy to assemble.

Triangular trusses are mostly used for permanent installation, exhibition or decorating purposes.
The NH43 is mainly designed for use in the installation, rental and exhibition market. But it is also a popular choice for many other purposes and applications.

NH43 truss also has a series of corners and accessories.

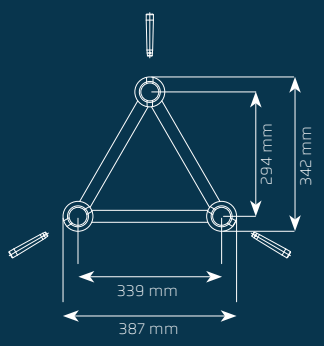
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- Versatile application

Technical specifications

Height	342 mm	13.46 in
Width	387 mm	15.24 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	20 x 2 mm	0.79 x 0.08 in
Weight	~8,5 kg/mtr	~5.7 lb/ft
Pin Position	Vertical/Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NH43 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	756	0,9	1513	1,4	756	1,2	504	1,1	378	1,1
3	501	3	1201*	3,9	752	4,1	501	3,8	376	3,7
4	374	7,2	925*	7,1	664*	8,6	487*	8,8	374	8,6
5	298	14	749*	11,4	544*	14	386*	13,8	319*	14,5
6	216	21,4	624*	16,6	458*	20,6	322*	20,1	263*	20,9
8	118	38,1	460*	30,2	341*	37,4	235*	36	193*	37,7
10	73	59,8	358*	48,2	268*	59,9	181*	56,6	151*	59,7
12	48	86,5	284*	70,6	215*	87,4	143*	82,1	120*	86,3
14	33	118,3	229*	98	175*	120,4	116*	112,8	97*	118,1

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	508	0	3336	1	1668	0	1112	0	834	0
9,8	337	1	2648*	2	1660	2	1107	1	830	1
13,1	252	3	2039*	3	1464*	3	1074*	3	826	3
16,4	200	6	1651*	4	1199*	6	851*	5	703*	6
19,7	146	8	1376*	7	1010*	8	710*	8	580*	8
26,2	80	15	1014*	12	752*	15	518*	14	425*	15
32,8	49	24	789*	19	591*	24	399*	22	333*	24
39,4	32	34	626*	28	474*	34	315*	32	265*	34
45,9	22	47	505*	39	387*	47	256*	44	214*	46

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NX43 LENGTHS

Productcode	Description
NX43-025	TRIANGLE NX43 LENGTH 25 CM 51X2mm
NX43-050	TRIANGLE NX43 LENGTH 50 CM 51X2mm
NX43-075	TRIANGLE NX43 LENGTH 75 CM 51X2mm
NX43-081	TRIANGLE NX43 LENGTH 81 CM 51X2mm
NX43-100	TRIANGLE NX43 LENGTH 100 CM 51X2mm
NX43-150	TRIANGLE NX43 LENGTH 150 CM 51X2mm
NX43-200	TRIANGLE NX43 LENGTH 200 CM 51X2mm
NX43-250	TRIANGLE NX43 LENGTH 250 CM 51X2mm
NX43-300	TRIANGLE NX43 LENGTH 300 CM 51X2mm
NX43-350	TRIANGLE NX43 LENGTH 350 CM 51X2mm
NX43-400	TRIANGLE NX43 LENGTH 400 CM 51X2mm

NH43 LENGTHS

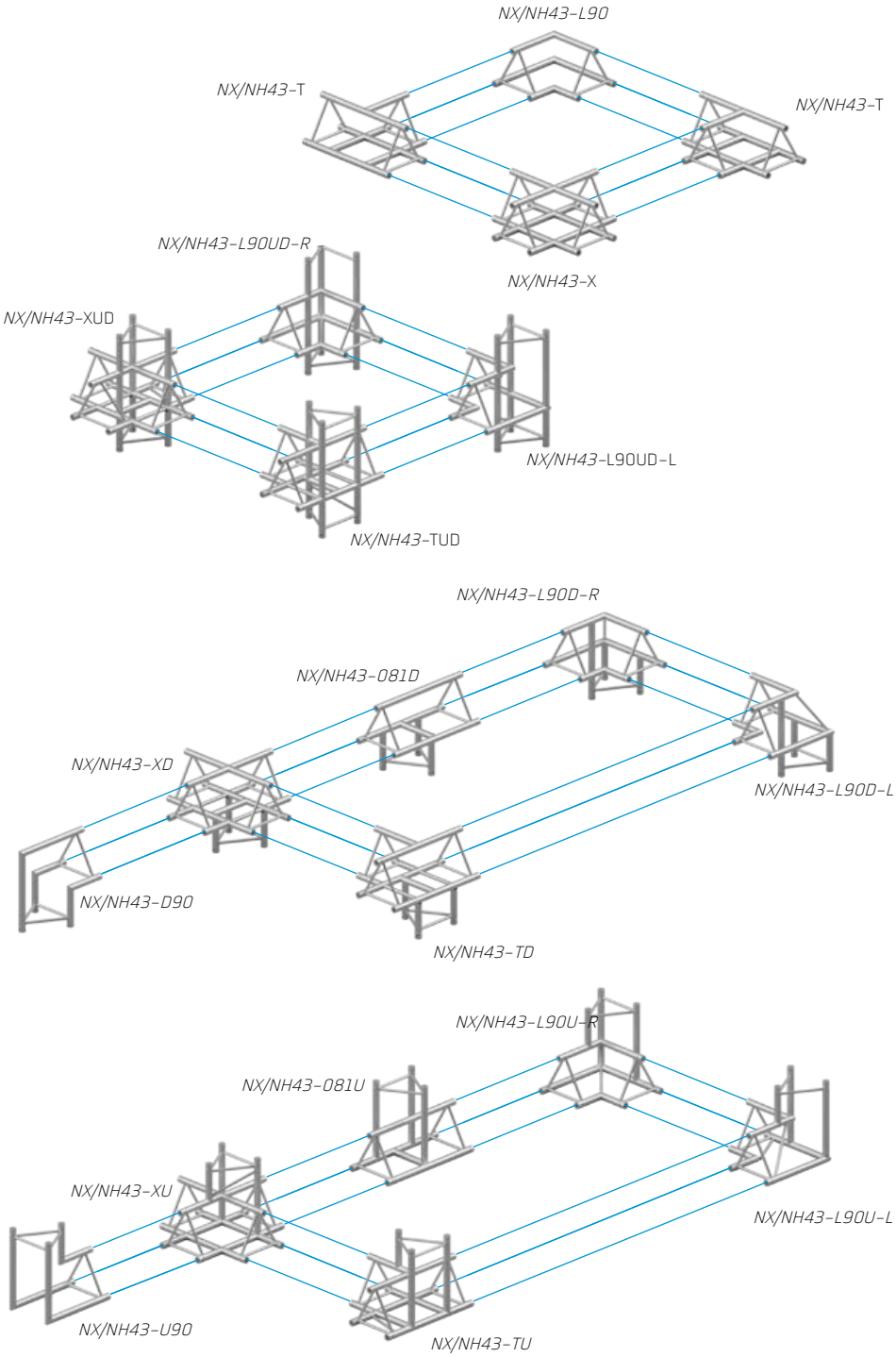
Productcode	Description
NH43-025	TRIANGLE NH43 LENGTH 25 CM 48,3x3mm
NH43-050	TRIANGLE NH43 LENGTH 50 CM 48,3x3mm
NH43-075	TRIANGLE NH43 LENGTH 75 CM 48,3x3mm
NH43-081	TRIANGLE NH43 LENGTH 81 CM 48,3x3mm
NH43-100	TRIANGLE NH43 LENGTH 100 CM 48,3x3mm
NH43-150	TRIANGLE NH43 LENGTH 150 CM 48,3x3mm
NH43-200	TRIANGLE NH43 LENGTH 200 CM 48,3x3mm
NH43-250	TRIANGLE NH43 LENGTH 250 CM 48,3x3mm
NH43-300	TRIANGLE NH43 LENGTH 300 CM 48,3x3mm
NH43-350	TRIANGLE NH43 LENGTH 350 CM 48,3x3mm
NH43-400	TRIANGLE NH43 LENGTH 400 CM 48,3x3mm

NX/NH43 Corners

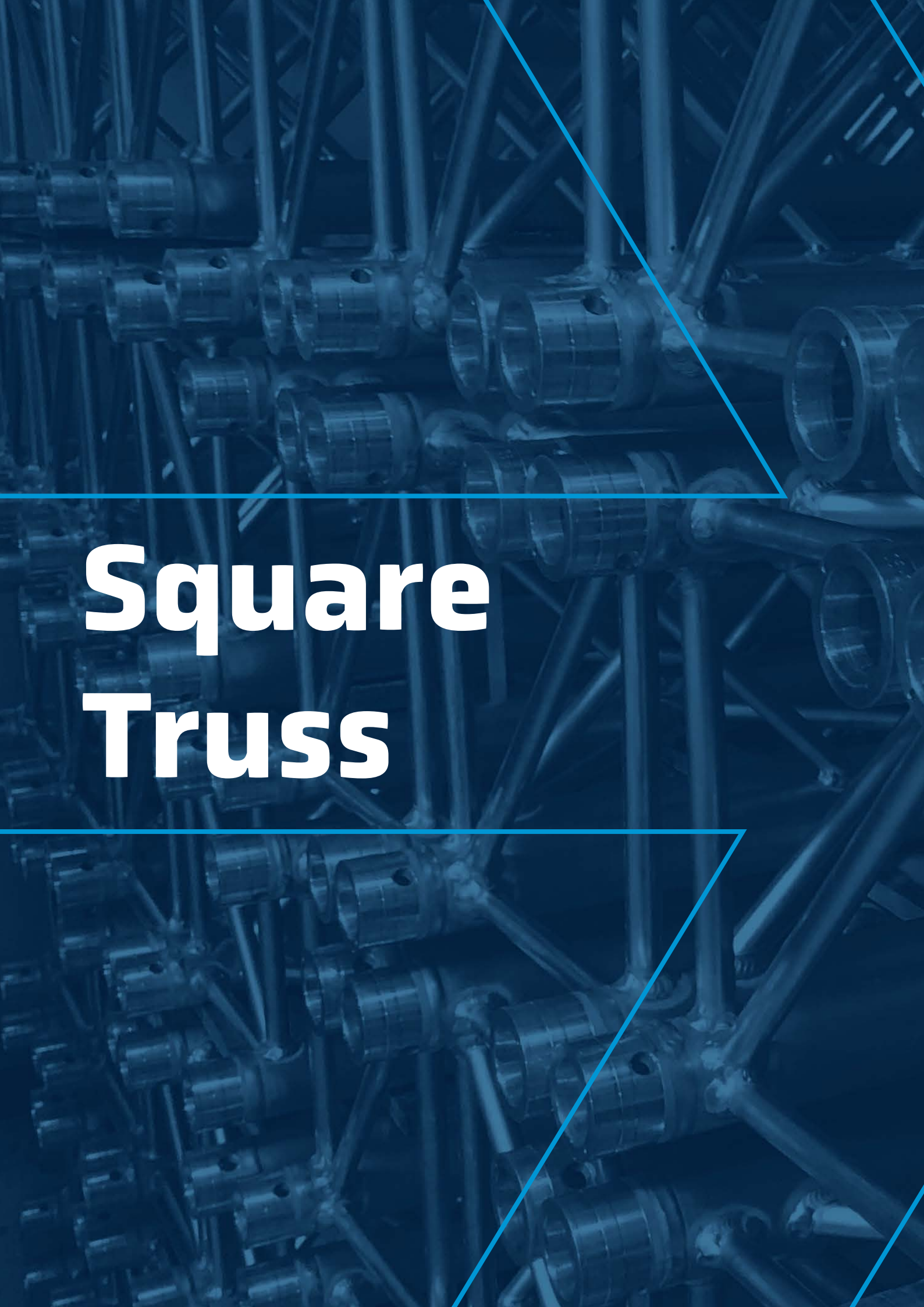
In the NX/NH43 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NX/NH43 corner collection with the straight elements. Let your creativity run wild because these corner pieces offer endless possibilities. The NX/NH43 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X-pieces.

Productcode	Size in cm
NX/NH43-L45	120x120
NX/NH43-L60	120x120
NX/NH43-L90	60x60
NX/NH43-L120	60x60
NX/NH43-L135	60x60
NX/NH43-D90	60x60
NX/NH43-U90	60x60
NX/NH43-L90U-R	60x60X60
NX/NH43-L90U-L	60x60X60
NX/NH43-L90D-R	60x60X60
NX/NH43-L90D-L	60x60X60
NX/NH43-T	81x60
NX/NH43-L90UD-R	60x60x86
NX/NH43-L90UD-L	60x60x86
NX/NH43-X	81x81
NX/NH43-TD	81x60
NX/NH43-TU	81x60
NX/NH43-TUD	81x81x60
NX/NH43-XD	81x81x60
NX/NH43-XU	81x81x60

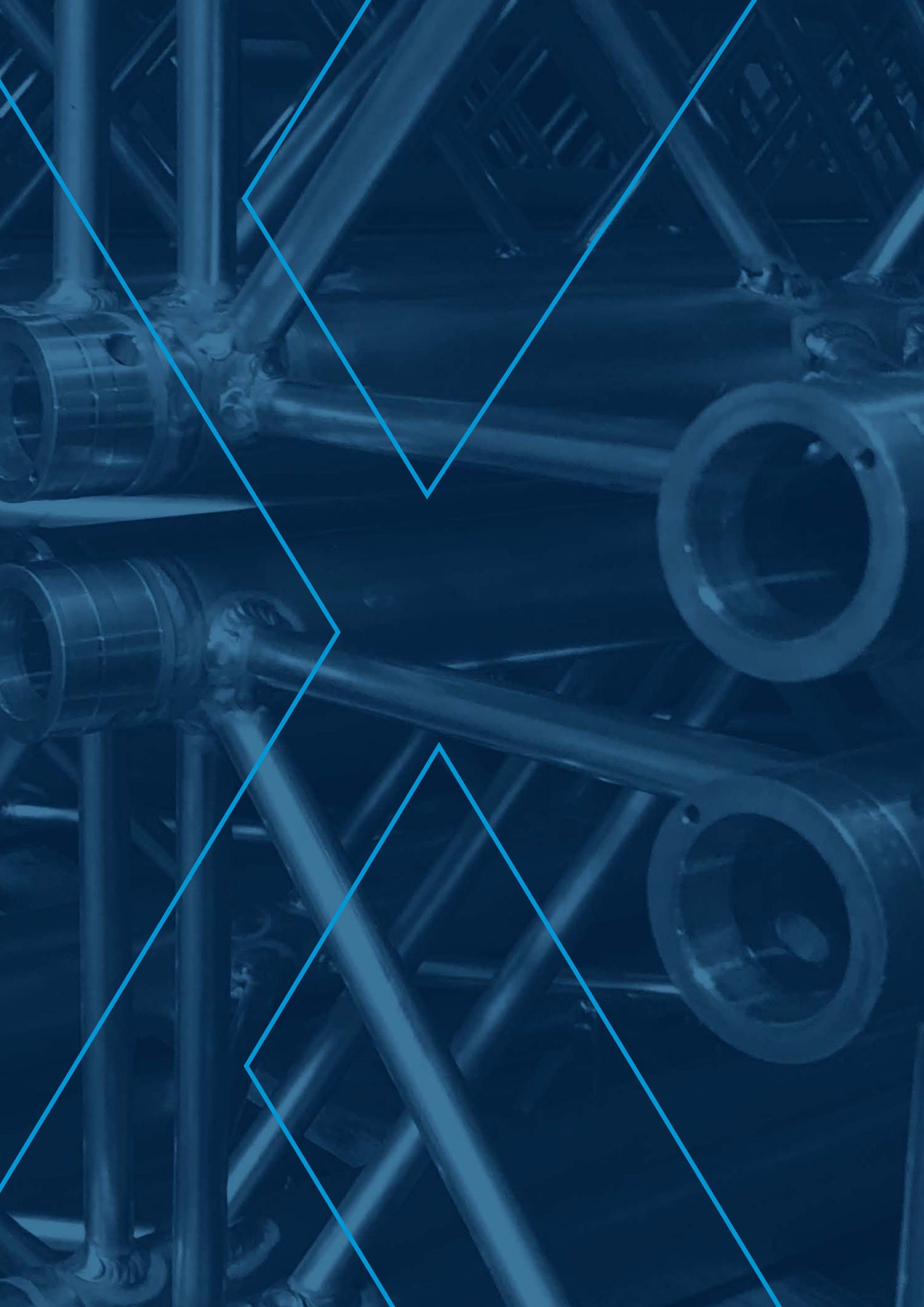
LxWxH



All corners are shown without bracing to improve indication of direction.

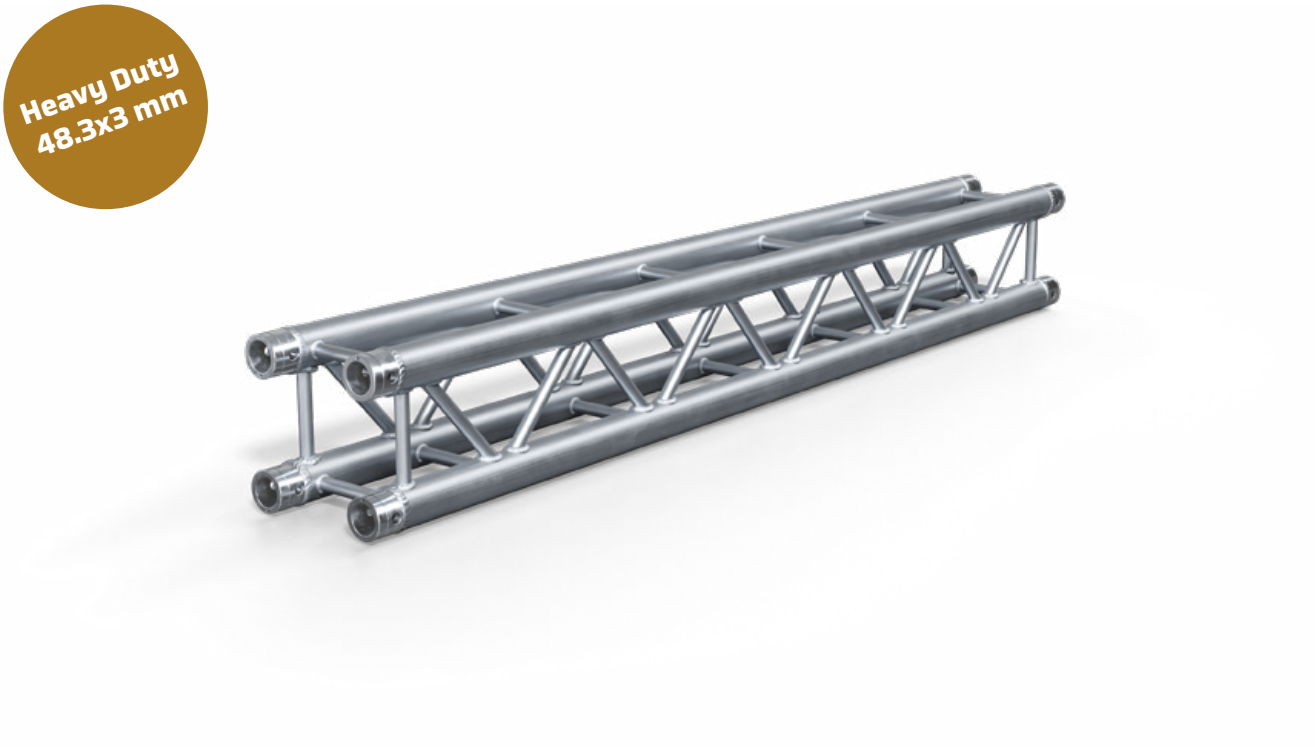


Square Truss



NH24 SQUARE Truss

Heavy Duty 48.3x3 mm



NH24 SQUARE

The smallest available truss in our truss series is the NH24, with its size of 198 x 198 mm it is perfect to use where a low height is necessary but medium to heavy load capacity is necessary.

The NH24 truss is made from 48.3x3mm main tubes combined with 16x2 braces. On the side the bracing pattern is diagonal, on top and bottom horizontal.

Integrated with the standard NC1 coupling system it's the perfect truss with minimum storage, trucking, and installation space. It is perfect for use in the exhibition, retail industry and rental market.

Horizontal pin position assures fast and easy setups.

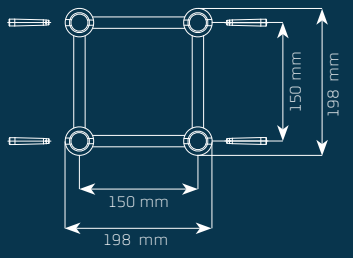
THE ESSENTIALS

- Fast and easy assembly
- Small & Strong
- TÜV Approved
- Perfect for retail & fixed installations
- Takes minimal storage space

Technical specifications

Height	198 mm	7.80 in
Width	198 mm	7.80 in
Size Main Tube	48.3x3 mm	1.90 x 0.11 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~6.5 kg/mtr	~4.4 lb/ft
Pin Position	Horizontal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NH24 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
1	2567	0,5	2567	0,7	1284	0,6	856	0,6	642	0,6
2	1281	3,7	1767*	4,1	1191*	4,7	854	4,7	640	4,5
3	852	12,6	1256*	10	881*	11,9	662*	12,4	535*	12,8
4	509	24	968*	18,3	695*	22,3	499*	22,4	407*	23,2
5	323	37,5	777*	29	565*	35,7	397*	35	327*	36,7
6	223	54,1	649*	42,3	477*	52,6	328*	50,4	273*	53,4
8	122	96,3	482*	76,6	358*	95,6	243*	90,9	203*	96,1
10	76	151	375*	121	281*	151,2	189*	142,7	158*	150,7
12	51	218,1	302*	176,4	229*	220,5	152*	206,6	127*	217,7

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
3,3	1726	0	5661	0	2831	0	1887	0	1415	0
6,6	861	1	3896*	2	2626*	2	1883	2	1412	2
9,8	573	5	2769*	4	1942*	5	1459*	5	1179*	5
13,1	342	9	2134*	7	1532*	9	1100*	9	897*	9
16,4	218	15	1713*	11	1246*	14	875*	14	721*	14
19,7	150	21	1431*	17	1052*	21	723*	20	602*	21
26,2	83	38	1063*	30	789*	38	536*	36	448*	38
32,8	51	59	827*	48	619*	60	417*	56	348*	59
39,4	34	86	666*	69	505*	87	335*	81	280*	86

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NX34 SQUARE Truss

NX34 SQUARE

The NX34 Square truss is a 4-point version engineered from main tubes (51 x 2 mm) and braces (16 x 2 mm). It is particularly well suited for stand construction, store fitting, and event technology at medium-duty use.

Equipped with the NC1 conical coupling system, the NX34 truss is fast and easy to assemble.

The compact construction in combination with a high load capacity makes this system ideal for applications ranging from a simple exhibition stand to complex rigging constructions

NX34 truss also has a series of corners and accessories.

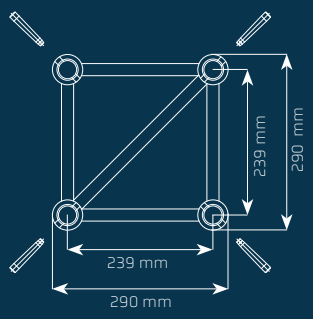
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- TÜV Approved
- Can be used as a tower truss

Technical specifications

Height	290 mm	11.42 in
Width	290 mm	11.42 in
Size Main Tube	51x 2 mm	2 x 0.07 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~5 kg/mtr	~3,4 lb/ft
Pin Position	Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NX34 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	902	1,5	1751*	2,3	902	2	601	1,9	451	1,8
3	600	5	1307*	5,8	873*	6,5	600	6,3	450	6
4	448	11,8	1036*	10,9	715*	12,8	565*	14	448	14,2
6	259	34,7	723*	26	519*	31,6	381*	32,3	308*	33,2
8	143	61,7	546*	47,4	401*	58,8	282*	57,6	232*	60,4
10	90	96,6	434*	75,4	322*	93,9	224*	91,1	184*	95,5
12	61	139,4	357*	110,6	265*	137	182*	131,8	150*	137,9
14	43	190,3	301*	153,5	226*	190,6	152*	180,1	127*	189,9
16	32	249,3	255*	202,8	193*	251,9	129*	236,5	107*	248,9

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	606	1	3860*	1	1989	1	1326	1	995	1
9,8	403	2	2881*	2	1925*	3	1323	2	992	2
13,1	302	5	2284*	4	1576*	5	1246*	6	990	6
19,7	174	14	1594*	10	1144*	12	840*	13	679*	13
26,2	97	24	1204*	19	884*	23	622*	23	511*	24
32,8	61	38	957*	30	710*	37	494*	36	406*	38
39,4	41	55	787*	44	584*	54	401*	52	331*	54
45,9	29	75	664*	60	498*	75	335*	71	280*	75
52,5	22	98	562*	80	425*	99	284*	93	236*	98

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NH34 SQUARE Truss

Heavy Duty 48.3x3 mm

NH34 SQUARE

The NH34 Square truss is engineered from main tubes (48.3 x 3 mm) and braces (16 x 2 mm). It is our mid-sized square stage truss that is extremely versatile.

Equipped with the NC1 conical coupling system, the NH34 truss is fast and easy to assemble.

The NH34 truss can be found in rental fleets all over the globe, where its optimum strength and flexible application possibilities make it well-loved and much used.

NH34 truss also has a series of corners and accessories.

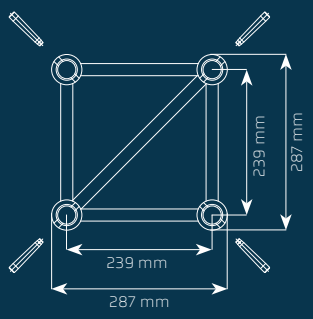
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- TÜV Approved
- Can be used as a tower truss in the NT30 Tower

Technical specifications

Height	287 mm	11.3 in
Width	287 mm	11.3 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	16 x 2 mm	0.62 x 0.08 in
Weight	~7 kg/m	~4,7 lb/ft
Pin Position	Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NH34 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	900	1.1	1801	1.7	900	1.4	600	1.3	450	1.3
4	448	8.5	1632	12.4	894	11.6	596	10.7	447	10.3
6	295	28.7	1077	27.9	808	35.5	538	33.1	443	34.6
8	199	61.9	797	49.9	597	63.2	398	58.9	332	62.4
10	125	96.9	626	78.5	469	98.9	313	92.3	260	97.6
12	85	139.8	510	114	382	142.7	255	133.4	212	140.9
14	60	190.9	425	156.7	318	194.7	212	182.3	177	192.2
16	45	250.1	360	206.9	270	254.9	180	239.3	150	251.8
18	34	317.7	307	265.1	230	323.5	153	304.5	128	319.8

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6.6	605	0	3971	1	1985	1	1323	1	993	1
13.1	301	3	3599	5	1971	5	1314	4	985	4
19.7	199	11	2376	11	1782	14	1188	13	978	14
26.2	134	24	1757	20	1318	25	879	23	732	25
32.8	84	38	1380	31	1035	39	690	36	575	38
39.37	57	55	1124	45	843	56	562	53	468	55
45.93	40	75.2	937	61.7	703	76.7	468	71.8	390	75.7
52.49	30	98.5	793	81.5	595	100.4	396	94.2	330	99.1
59.05	23	125.1	678	104.4	509	127.4	339	119.9	282	125.9

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

NX34 LENGTHS

Productcode	Description
NX34-021	SQUARE NX34 LENGTH 21 CM 51X2mm
NX34-025	SQUARE NX34 LENGTH 25 CM 51X2mm
NX34-029	SQUARE NX34 LENGTH 29 CM 51X2mm
NX34-050	SQUARE NX34 LENGTH 50 CM 51X2mm
NX34-058	SQUARE NX34 LENGTH 58 CM 51X2mm
NX34-071	SQUARE NX34 LENGTH 71 CM 51X2mm
NX34-075	SQUARE NX34 LENGTH 75 CM 51X2mm
NX34-100	SQUARE NX34 LENGTH 100 CM 51X2mm
NX34-150	SQUARE NX34 LENGTH 150 CM 51X2mm
NX34-200	SQUARE NX34 LENGTH 200 CM 51X2mm
NX34-250	SQUARE NX34 LENGTH 250 CM 51X2mm
NX34-300	SQUARE NX34 LENGTH 300 CM 51X2mm
NX34-350	SQUARE NX34 LENGTH 350 CM 51X2mm
NX34-400	SQUARE NX34 LENGTH 400 CM 51X2mm

NH34 LENGTHS

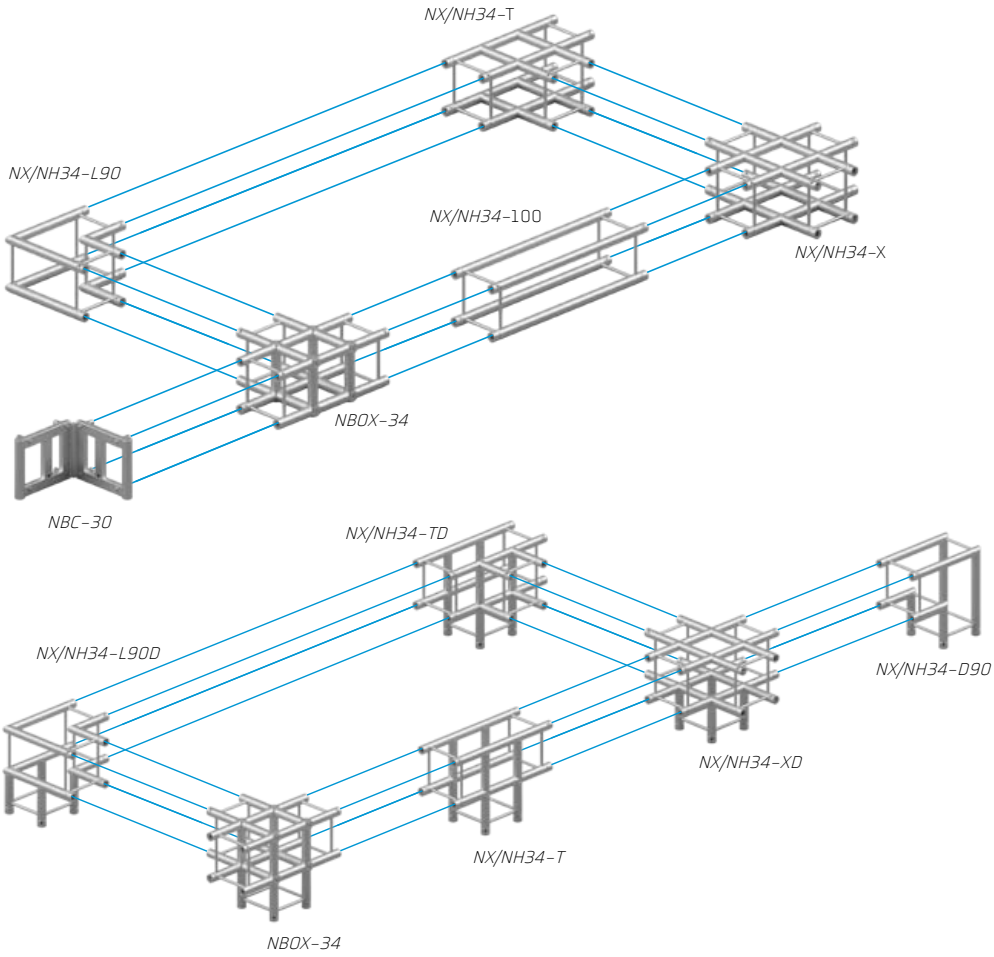
Productcode	Description
NH34-021	SQUARE NH34 LENGTH 21 CM 48,3x3mm
NH34-025	SQUARE NH34 LENGTH 25 CM 48,3x3mm
NH34-029	SQUARE NH34 LENGTH 29 CM 48,3x3mm
NH34-050	SQUARE NH34 LENGTH 50 CM 48,3x3mm
NH34-058	SQUARE NH34 LENGTH 58 CM 48,3x3mm
NH34-071	SQUARE NH34 LENGTH 71 CM 48,3x3mm
NH34-075	SQUARE NH34 LENGTH 75 CM 48,3x3mm
NH34-100	SQUARE NH34 LENGTH 100 CM 48,3x3mm
NH34-150	SQUARE NH34 LENGTH 150 CM 48,3x3mm
NH34-200	SQUARE NH34 LENGTH 200 CM 48,3x3mm
NH34-250	SQUARE NH34 LENGTH 250 CM 48,3x3mm
NH34-300	SQUARE NH34 LENGTH 300 CM 48,3x3mm
NH34-350	SQUARE NH34 LENGTH 350 CM 48,3x3mm
NH34-400	SQUARE NH34 LENGTH 400 CM 48,3x3mm

NX/NH34 Corners

In the NX/NH34 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NX/NH34 corner collection with the straight elements. Let your creativity run wild, because these corner pieces offer endless possibilities.

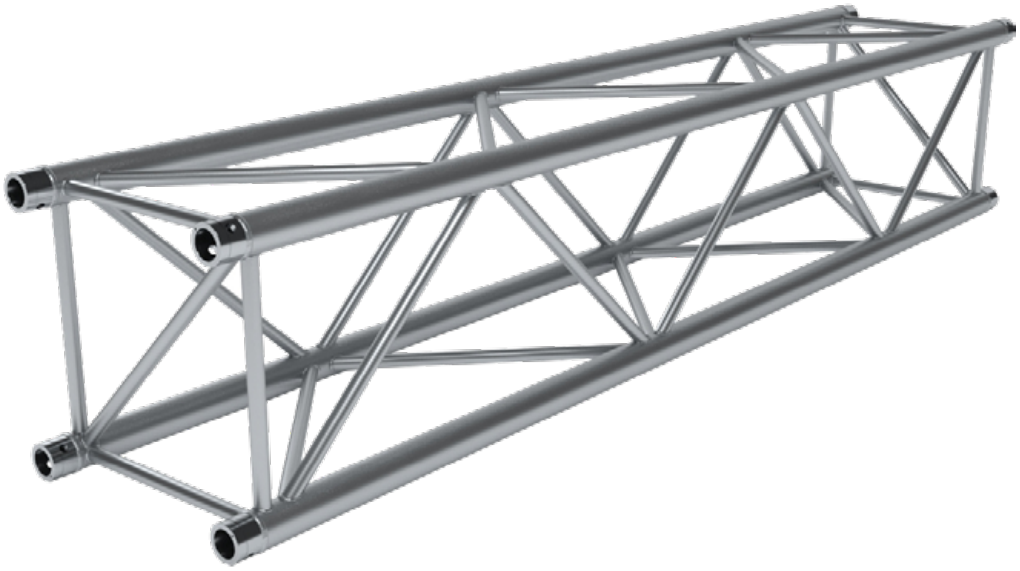
The NX/NH34 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X–pieces.

Productcode	Size in cm
NX/NH34–L45	100x100
NX/NH34–L60	100x100
NX/NH34–L90	50x50
NX/NH34–L135	50x50
NX/NH34–L120	50x50
NX/NH34–L90D	50x50x50
NX/NH34–T	71x50
NX/NH34–X	71x71
NX/NH34–TD	71x50
NX/NH34–XD	71x71x50



All corners are shown without diagonal bracing to improve indication of direction.

NX44 SQUARE Truss



NX44 SQUARE

The NX44 Square truss is engineered from main tubes (51 x 2 mm) and braces (20 x 2 mm).

Equipped with the NC1 conical coupling system, the NX44 truss is fast and easy to assemble.

The NX44 truss is a multi truss because it is both stronger as well as more versatile and designed for multiple purposes in the fixed installation, rental and tradeshow and exhibition markets.

NX44 truss also has a series of corners and accessories.

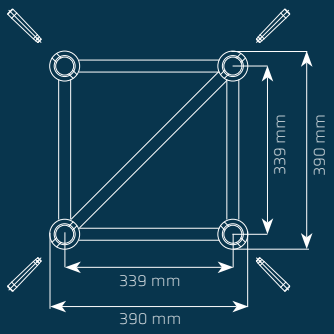
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- TÜV Approved

Technical specifications

Height	390 mm	15.4 in
Width	390 mm	15.4 in
Size Main Tube	51 x 2 mm	2 x 0.07 in
Size Bracing	20 x 2 mm	0.79 x 0.08 in
Weight	~7,5 kg/mtr	~ 5 lb/ft
Pin Position	Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NX44 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	875	0,7	1751	1,1	875	1	583	0,9	438	0,9
3	581	2,4	1693*	3,8	872	3,3	581	3,1	436	2,9
4	434	5,8	1368*	7,2	869	7,8	579	7,3	434	6,9
6	287	19,5	980*	17,7	685*	21	528*	22,6	422*	23
8	203	44	757*	33,1	537*	39,7	395*	40,7	322*	42,2
10	127	68,9	600*	52,8	441*	65	313*	64,4	255*	66,8
12	86	99,4	493*	77,5	366*	95,8	255*	93,1	210*	97,4
14	61	135,7	415*	107,7	311*	133,5	214*	128,5	177*	134,3
16	45	177,9	355*	143,7	266*	176,6	181*	168,8	149*	176

Imperial Loading Charts

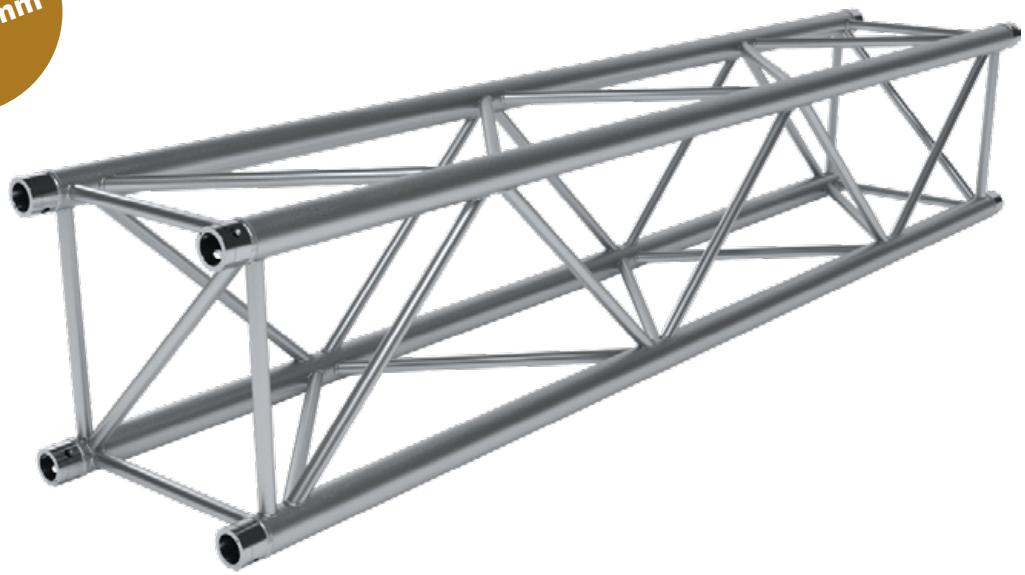
Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	589	0	3862	0	1931	0	1287	0	966	0
9,8	391	1	3732*	1	1924	1	1282	1	962	1
13,1	292	2	3016*	3	1916	3	1277	3	958	3
19,7	193	8	2161*	7	1510*	8	1164*	9	930*	9
26,2	137	17	1669*	13	1184*	16	871*	16	710*	17
32,8	86	27	1323*	21	972*	26	690*	25	562*	26
39,4	58	39	1087*	31	807*	38	562*	37	463*	38
45,9	42	53	915*	42	686*	53	472*	51	390*	53
52,5	31	70	783*	57	586*	70	399*	66	328*	69

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NH44 SQUARE Truss

Heavy Duty
48.3x3 mm



NH44 SQUARE

The NH44 Square truss is engineered from main tubes (48.3 x 3 mm) and braces (20 x 2 mm).

Equipped with the NC1 conical coupling system, the NH44 truss is fast and easy to assemble.

The NH44 truss is a multi truss because it is both stronger as well as more versatile and designed for multiple purposes in the fixed installation, rental and tradeshow and exhibition markets.

NH44 truss also has a series of corners and accessories.

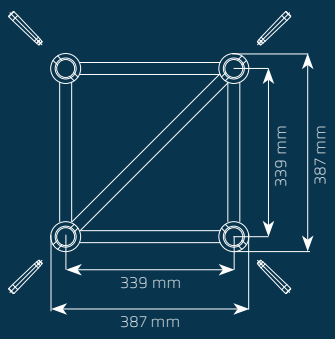
THE ESSENTIALS

- Fast and easy assembly
- Lightweight system
- TÜV Approved

Technical specifications

Height	387 mm	15.2 in
Width	387 mm	15.2 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	20 x 2 mm	0.79 x 0.08 in
Weight	~8.5 kg/mtr	~ 5.7 lb/ft
Pin Position	Diagonal	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NH44 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
4	433	4.2	1734	6.6	867	5.6	578	5.2	433	5
6	286	14.1	1378*	17.9	859	19	572	17.7	429	16.9
8	212	33.4	1056*	33.1	758*	40.2	556*	41.1	425	40.1
10	168	65.2	840*	52.6	617*	65	438*	64.4	361*	67.4
12	121	99.4	701*	77.9	515*	95.8	362*	93.9	295*	97.4
14	87	135.6	593*	108	441*	133.3	303*	128.3	250*	134.1
16	65	177.7	505*	142.5	379*	176.3	258*	168.3	213*	175.8
18	49	225.6	435*	182.5	329*	225.9	222*	214.1	185*	225.2
20	38	279.4	381*	230.1	288*	282.2	192*	265.8	160*	279

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
13.1	291	2	3824	3	1912	2	1274	2	956	2
19.7	193	6	3038*	7	1895	7	1263	7	947	7
26.2	143	13	2328*	13	1671*	16	1226*	16	939	16
32.8	113	26	1852*	21	1360*	26	966*	25	796*	27
39.4	82	39	1545*	31	1135*	38	798*	37	650*	38
45.93	59	53	1307*	43	972*	52	668*	51	551*	53
52.49	43	70.0	1113*	56	835*	69	568*	66	469*	69.2
59.05	33	88.8	959*	71	725*	88	489*	84	407*	88.7
65.62	26	110.0	840*	90	634*	111	423*	104	352*	109.8

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NX44 LENGTHS

Productcode	Description
NX44-025	SQUARE XH44 LENGTH 25 CM 51x2mm
NX44-050	SQUARE NX44 LENGTH 50 CM 51x2mm
NX44-075	SQUARE NX44 LENGTH 75 CM 51x2mm
NX44-081	SQUARE NX44 LENGTH 81 CM 51x2mm
NX44-100	SQUARE NX44 LENGTH 100 CM 51x2mm
NX44-150	SQUARE NX44 LENGTH 150 CM 51x2mm
NX44-200	SQUARE NX44 LENGTH 200 CM 51x2mm
NX44-250	SQUARE NX44 LENGTH 250 CM 51x2mm
NX44-300	SQUARE NX44 LENGTH 300 CM 51x2mm
NX44-350	SQUARE NX44 LENGTH 350 CM 51x2mm
NX44-400	SQUARE NX44 LENGTH 400 CM 51x2mm

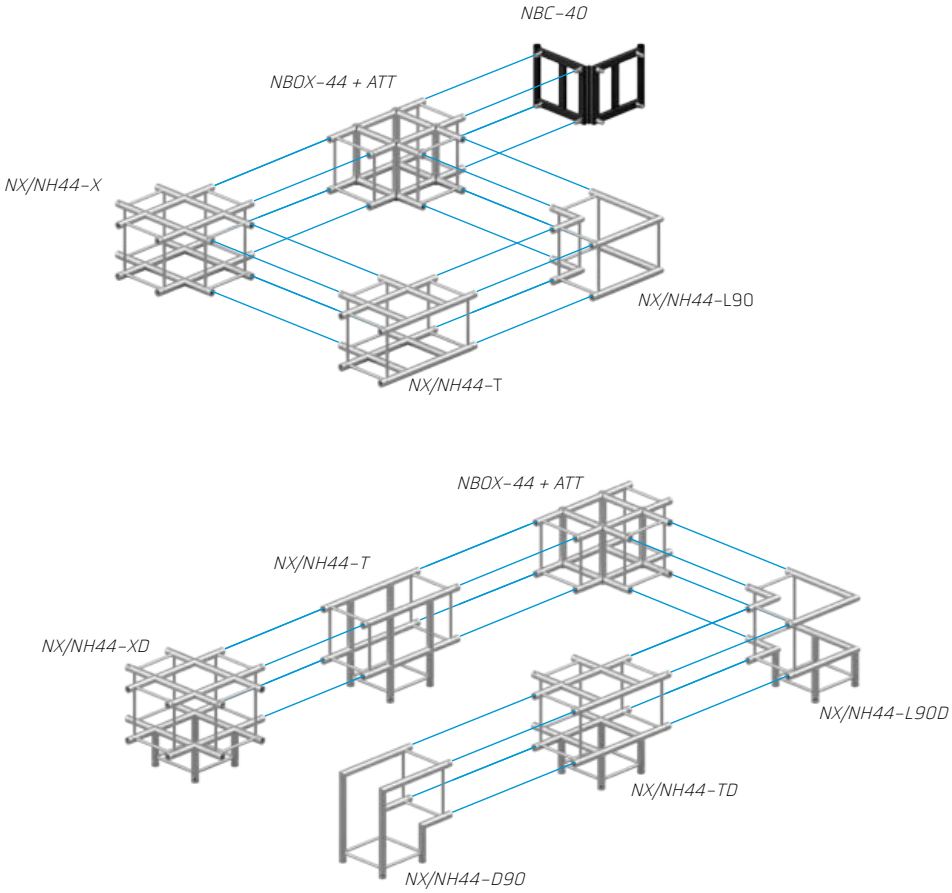
NH44 LENGTHS

Productcode	Description
NH44-025	SQUARE NH44 LENGTH 25 CM 48,3x3mm
NH44-050	SQUARE NH44 LENGTH 50 CM 48,3x3mm
NH44-075	SQUARE NH44 LENGTH 75 CM 48,3x3mm
NH44-081	SQUARE NH44 LENGTH 81 CM 48,3x3mm
NH44-100	SQUARE NH44 LENGTH 100 CM 48,3x3mm
NH44-150	SQUARE NH44 LENGTH 150 CM 48,3x3mm
NH44-200	SQUARE NH44 LENGTH 200 CM 48,3x3mm
NH44-250	SQUARE NH44 LENGTH 250 CM 48,3x3mm
NH44-300	SQUARE NH44 LENGTH 300 CM 48,3x3mm
NH44-350	SQUARE NH44 LENGTH 350 CM 48,3x3mm
NH44-400	SQUARE NH44 LENGTH 400 CM 48,3x3mm

NX/NH 44 Corners

In the NX/NH44 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NX/NH44 corner collection with the straight elements. Let your creativity run wild, because these corner pieces offer endless possibilities. The NX/NH44 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X-pieces.

Productcode	Size in cm
NX/NH44-L45	120x120
NX/NH44-L60	120x120
NX/NH44-L90	60x60
NX/NH44-L135	60x60
NX/NH44-L120	60x60
NX/NH44-L90D	60x60x60
NX/NH44-T	81x60
NX/NH44-X	81x81
NX/NH44-TD	81x60
NX/NH44-XD	81x81x60



All corners are shown without bracing to improve indication of direction.

BOX CORNERS 34 & 44

The Box Corners from NEXT Truss enables you to create corners up to 6 ways in configurations of 90 degree angles. To create these configurations attachments can be screwed on to the box corner using bolts. These connections are available in various sizes and types, depending on what kind of configuration needs to be made.

NBOX-24 Box corner

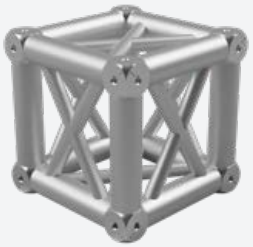
Box corner NH24

Technical specifications

Height	200 mm	7.87 in
Width	200 mm	7.87 in
Size Main Tube	50 x 3,5 mm	1.97 x 0.16 in
Weight	11 kg	
Pin Position	Diagonal	
Coupling System	NC1	
Bolt Size	M12	
Alloy	EN AW 6082 T6	

NBOX-34 Box corner

Box corner NX/NH34

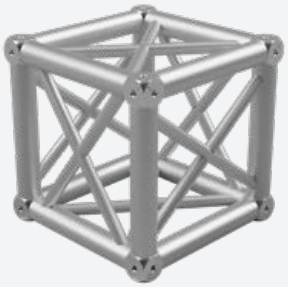


Technical specifications

Height	289 mm	11.38 in
Width	289 mm	11.38 in
Size Main Tube	50 x 3,5 mm	1.97 x 0.16 in
Size Bracing	25 x 3 mm	0.98 x 0.12 in
Weight	11 kg	
Pin Position	Diagonal	
Coupling System	NC1	
Bolt Size	M12	
Alloy	EN AW 6082 T6	

NBOX-44 Box corner

Box corner NX/NH44



Technical specifications

Height	389 mm	15.32 in
Width	389 mm	15.32 in
Size Main Tube	50 x 3,5 mm	1.97 x 0.16 in
Size Bracing	25 x 3 mm	0.98 x 0.12 in
Weight	14 kg	
Pin Position	Diagonal	
Coupling System	NC1	
Bolt Size	M12	
Alloy	EN AW 6082 T6	

BOX Attachments

Productcode	Description
NC1-SCON-BOX	STEEL HALF COUPLER HOLE/M12 FOR BOX CORNERS
NC1-BOB75	FEMALE COUPLER 12MM HOLE L=75mm
NC1-BOB105	FEMALE COUPLER 12MM HOLE L=105mm
NBOX-34A105	ATTACHMENT BOX NX / NH34 50X50 L=105mm
NBOX-34A210	ATTACHMENT BOX NX / NH34 L=210mm
NBOX-44A105	ATTACHMENT BOX NH44 60X60 L=105mm

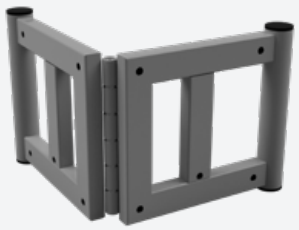
BOOK CORNERS

You can use book corners to make flexible corners, the book corners use a hinge and can therefore make any angle you want. Keep in mind that book corners are not meant to be loaded with forces, forces should be connected to the truss and distributed. In addition, it is important to fixate the corner with the fixation kit when the desired angle is made.

Note: Bookcorners are not load-bearing parts and must be supported on both sides of the frame and fixed for safe use.

NBC-30 Book corner

BOOK CORNER WITHOUT COUPLERS, BC-30 is suitable for 3x series

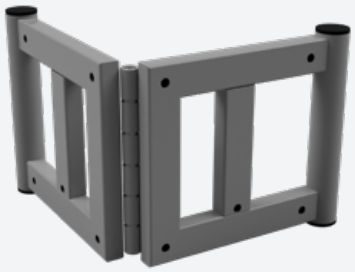


Technical specifications

Height	289 mm	11.38 in
Width	289 mm	11.38 in
Weight	9 kg	
Pin Position	Diagonal/Vertical	
Coupling System	NC1	
Bolt Size	M12	
Alloy	EN AW 6082 T6	

NBC-40 Book corner

BOOK CORNER WITHOUT COUPLERS, BC-40 is suitable for 4x series



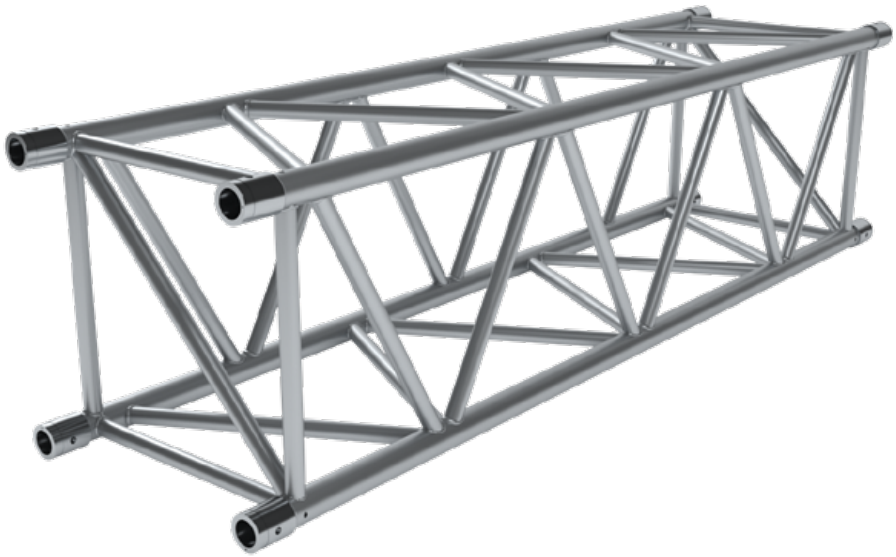
Technical specifications

Height	389 mm	15.31 in
Width	389 mm	15.31 in
Weight	12 kg	
Pin Position	Diagonal/Vertical	
Coupling System	NC1	
Bolt Size	M12	
Alloy	EN AW 6082 T6	

BOOKCORNER Attachments

Productcode	Description
NC1-SCON19	HALF COUPLER 19MM-O/M12 (602)
NBC-34-SUP	FIXATION TUBE L=65 CM INCL 2X SW CLAMPS for fixating NX/NH33/34 Truss
NBC-44-SUP	FIXATION TUBE L=65 CM INCL 2X SW CLAMPS for fixating NX/NH44 Truss

NS54 SQUARE Truss



NS54 SQUARE

The NS54 Square truss is engineered from 50 x 4 mm main tubes and 30 x 3 mm braces. With the NC2 conical coupling system, the heavy-duty NS54 truss is fast and easy to assemble.

This truss is the perfect solution for applications when high loading is required or when a larger span is needed, It is the ultimate truss to be used in pre-rig rigging installations. All these characteristics make it the international standard for bigger rental companies around the world.

NS54 truss series also includes a box corner and accessories.

THE ESSENTIALS

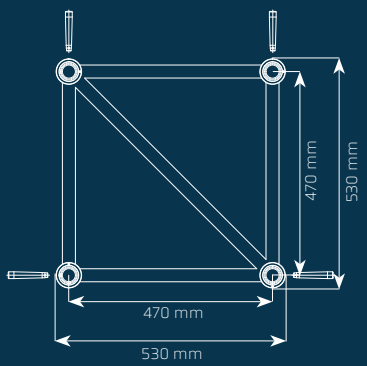
- Fast and easy assembly
- High loading, low dead weight
- TÜV Approved
- Can be used as grid truss

Technical specifications

Height	530 mm	20.9 in
Width	530 mm	20.9 in
Size Main Tube	50 x 4 mm	1.97 x 0.16 in
Size Bracing	30 x 3 mm	1.18 x 0.12 in
Weight	~12 kg/m	8.1 lb/ft

Pin Position	Vertical/Horizontal
Coupling System	NC2
Alloy	EN AW 6082 T6

Diagram



NS54 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	960	17	2392*	12	1491*	12.7	1109*	13.2	889*	13.4
8	535	31	1971*	23.7	1285*	26.2	985*	28	812*	29.3
10	338	49	1643*	39.1	1105*	44.6	846	47.5	705	50.3
12	231	72	1391	58.3	970*	68.6	695	68.6	579	72.5
14	167	98	1172	79.9	861*	98.3	586	93.6	488	98.9
16	125	128	1004	105.1	753	131.1	502	122.6	418	129.4
18	96	163	872	134	654	166.2	436	155.8	363	164.2
20	76	201	764	167	573	205.6	382	193.1	318	203.1
22	61	244	673	204	505	249.4	336	234.6	280	246.5

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
19.7	645	7	5273*	5	3287*	5	2445*	5	1960*	5
26.2	360	13	4345*	9	2833*	10	2172*	11	1790*	12
32.8	228	20	3622*	15	2436*	18	1867	19	1556	20
39.4	156	28	3067	23	2138*	27	1534	27	1278	29
45.9	112	39	2584	31	1898*	39	1292	37	1077	39
52.49	84	51	2215	41	1662	52	1108	48	923	51
59.05	65	64	1923	52	1442	65	961	61	801	64
65.62	51	79	1685	65	1263	80	842	76	702	80
72.18	41	96	1485	80	1114	98	742	92	619	97

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

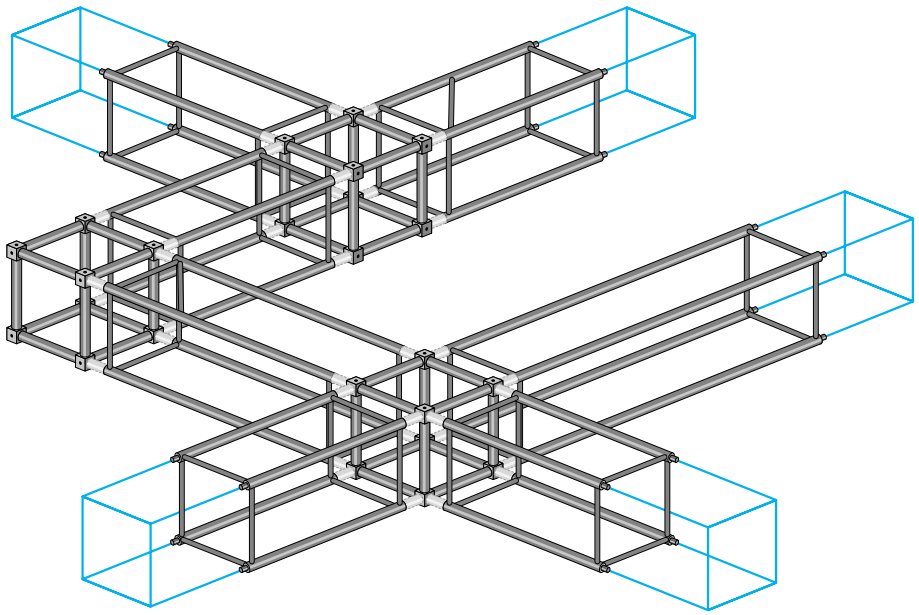
NS54 LENGTHS

Productcode	Description
NS54-050	SQUARE NS54 LENGTH 50CM 50X4mm
NS54-100	SQUARE NS54 LENGTH 100CM 50X4mm
NS54-150	SQUARE NS54 LENGTH 150CM 50X4mm
NS54-200	SQUARE NS54 LENGTH 200CM 50X4mm
NS54-250	SQUARE NS54 LENGTH 250CM 50X4mm
NS54-300	SQUARE NS54 LENGTH 300CM 50X4mm
NS54-350	SQUARE NS54 LENGTH 350CM 50X4mm
NS54-400	SQUARE NS54 LENGTH 400CM 50X4mm

NS54 Corners

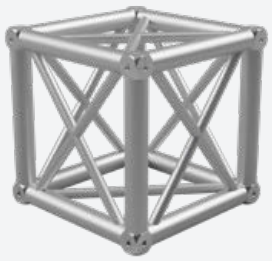
In the NS54 series, NEXT Truss offers a box corner that enables you to create corners up to 6 ways in configurations of 90 degree angles. To create these configurations attachments can be screwed on to the box corner using bolts.

Productcode	Size in cm
NBOX-54	53x53



NBOX-54 Box corner

Box corner NS54



Technical specifications

Height	530 mm	11.38 in
Width	530 mm	11.38 in
Size Main Tube	60 x 5 mm	1.97 x 0.16 in
Size Bracing	30 x 3 mm	0.98 x 0.12 in
Weight	25 kg	
Pin Position	Horizontal / Vertical	
Coupling System	NC2	
Bolt Size	M16	
Alloy	EN AW 6082 T6	

NS BOX Attachments

Productcode	Description
NC2-BOB80	NC2 FEMALE RECEIVER L=80mm incl sping pin black

All corners are shown without bracing to improve indication of direction.

Rectangular Truss

Image by Vital1na trough Pexels

NHR34 RECTANGULAR Truss

Heavy Duty 48.3x3 mm

NHR34 RECTANGULAR

Our NHR34 is the smallest rectangular truss in our range, this truss has been specially developed for applications that require great performance. it is the perfect choice for use in narrow spaces, with a width of 190 mm and 290 mm high it is a rather small product but holds a high loading capacity. The NHR34 has four-sided diagonal webbing .

Due to its rectangular size, the storage and transport space is 30% smaller than the NX/NH34, but it still offers an equal load capacity as the NH34 and about 30% more than the NX34!

Combine the NHR34 with its corner block and use the NH24 as a leg.

The NHR34 is equipped with the NC1 connection system.

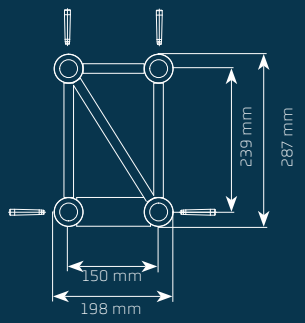
THE ESSENTIALS

- Fast and easy assembly
- The load can be attached centralized
- Narrow design
- Optimized for both in & outdoor use

Technical specifications

Height	287 mm	11.3 in
Width	198 mm	7.8 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bottom Bracing	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	16x2 mm	0.62 x 0.08 in
Weight	7~ kg/mt	4.7 lb/ft
Pin Position	Horizontal below / vertically top	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NHR34 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	900	1,1	1801	1,7	900	1,4	600	1,3	450	1,3
4	447	8,5	1632	12,4	894	11,6	596	10,7	447	10,3
6	295	28,7	1077	27,9	808	35,5	538	33,1	443	34,6
8	199	61,9	797	49,9	597	63,2	398	58,9	332	62,4
10	125	96,9	626	78,5	469	98,9	313	92,3	260	97,6
12	85	139,8	510	114	382	142,7	255	133,4	212	140,9
14	60	190,9	425	156,7	318	194,7	212	182,3	177	192,2
16	45	250,1	360	206,9	270	254,9	180	239,3	150	251,8
18	34	317,7	307	265,1	230	323,5	153	304,5	128	319,8

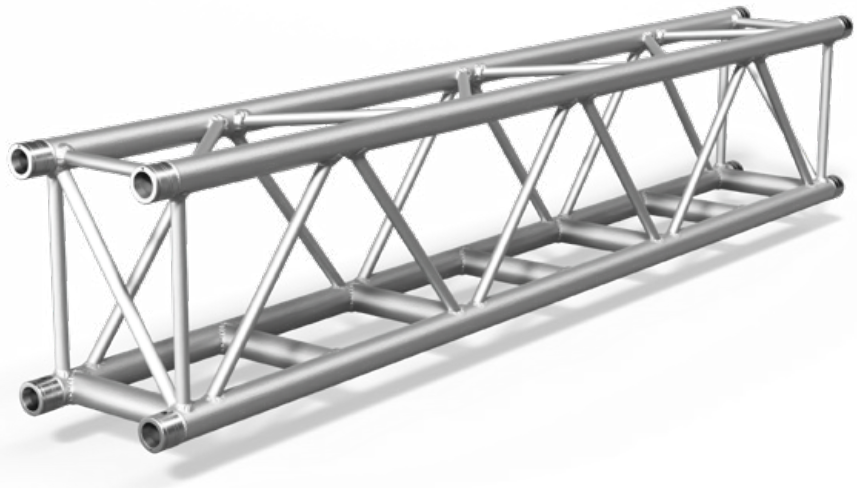
Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	605	0	3971	1	1985	1	1323	1	993	1
13,1	300	3	3599	5	1971	5	1314	4	985	4
19,7	199	11	2376	11	1782	14	1188	13	978	14
26,2	134	24	1757	20	1318	25	879	23	732	25
32,8	84	38	1380	31	1035	39	690	36	575	38
39,4	57	55	1124	45	843	56	562	53	468	55
45,9	41	75	937	62	703	77	469	72	391	76
52,5	30	98	794	81	595	100	397	94	331	99
59,1	23	125	679	104	509	127	339	120	283	126

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

NHR44 RECTANGULAR Truss

Heavy Duty 48.3x3 mm



NHR44 RECTANGULAR

Our NHR44 is a rectangular truss that has been specially developed for applications that require heavy-duty performance. With a width of 290 mm and 390 mm high it is a rather small product but holds a high loading capacity. A perfect choice for rental companies and retail installations. The NHR44 has four-sided diagonal webbing and rigid horizontal bracing on the bottom side, this allows easy mounting of lighting fixtures or other central loads.

Due to its rectangular size, the storage and transport space is 25% smaller than the NH44, but it still offers an equal load capacity.

Combine the NHR44 with its corner block and use the NX/NH34 as a leg. The NHR44 is equipped with the NC1 connection system.

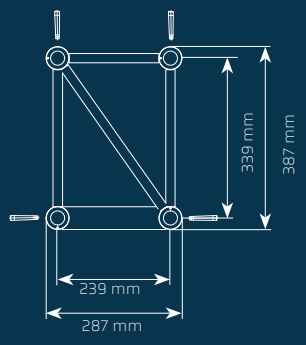
THE ESSENTIALS

- Fast and easy assembly
- Heavy Duty Truss
- The load can be attached centralized
- Narrow design
- Optimized for both in & outdoor use

Technical specifications

Height	387 mm	15.2 in
Width	287 mm	11.3 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	20x2 mm	0.79 x 0.08 in
Size Bottom Bracing	48.3 x 3 mm	0.62 x 0.08 in
Weight	8~ kg/m	5.4 lb/ft
Pin Position	Horizontal below / vertically top	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NHR44 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2	875	0,5	1750	0,8	875	0,7	583	0,7	437	0,6
4	434	4,2	1736	6,6	868	5,6	578	5,2	434	5
6	286	14,1	1380*	17,9	860	19	573	17,7	430	16,9
8	213	33,3	1057*	33,1	759*	40,2	557*	41,1	426	40,1
10	169	65,2	843*	52,5	618*	65	439*	64,3	362*	67,4
12	122	99,4	704*	77,8	517*	95,7	363*	93,8	296*	97,3
14	87	135,6	597*	107,8	443*	133,3	304*	128,2	251*	134,1
16	65	177,5	509*	142,2	382*	176,2	260*	168,1	214*	175,6
18	50	225,4	439*	181,9	332*	225,7	224*	213,8	187*	225

Imperial Loading Charts

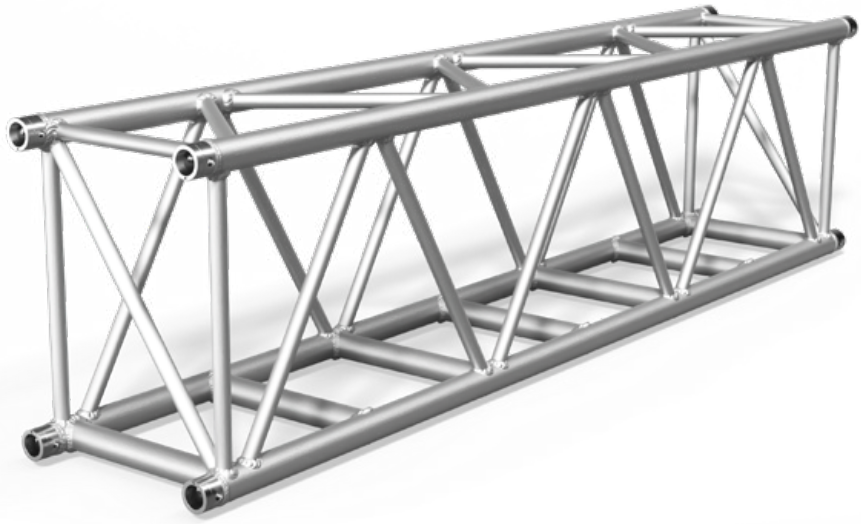
Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
6,6	588	0	3860	0	1930	0	1287	0	965	0
13,1	292	2	3828	3	1914	2	1276	2	957	2
19,7	193	6	3042*	7	1898	7	1265	7	949	7
26,2	143	13	2330*	13	1673*	16	1228*	16	941	16
32,8	114	26	1858*	21	1362*	26	968*	25	798*	27
39,4	82	39	1552*	31	1140*	38	800*	37	653*	38
45,9	59	53	1316*	42	977*	52	670*	50	553*	53
52,5	44	70	1122*	56	842*	69	573*	66	472*	69
59,1	34	89	968*	72	732*	89	494*	84	412*	89

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NHR54 RECTANGULAR Truss

Heavy Duty 48.3x3 mm



NHR54 RECTANGULAR

Our NHR54 is a rectangular heavy-duty truss that has been specially developed for applications that require heavy-duty performance. With width of 390 mm and 520 mm hight it is a rather small product but holds a high loading capacity. A perfect choice for rental companies and retail installations.

The NHR54 has four-sided diagonal webbing and rigid horizontal bracing on the bottom side, this allows easy mounting of lighting fixtures or other central loads.

Due to its rectangular size, the storage and transport space is 25% smaller than the NS54, but it still offers an equal load capacity.
Combine the NHR54 with its corner block and use the NX/NH44 as a leg. The NHR54 is equipped with the NC1 connection system.

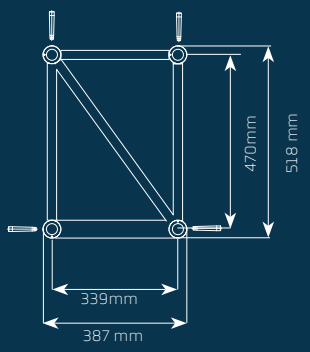
THE ESSENTIALS

- Fast and easy assembly
- Heavy Duty Truss
- The load can be attached centralized
- Narrow design
- Optimized for both in & outdoor use

Technical specifications

Height	518 mm	20.4 in
Width	387 mm	15.2 in
Size Main Tube	48.3 x 3 mm	1.90 x 0.11 in
Size Bracing	25x3 mm	0.98 x 0.12 in
Size Bottom Bracing	48.3 x 3 mm	0.62 x 0.08 in
Weight	9,5~ kg/m	6.4 lb/ft
Pin Position	horizontal below / vertically top	
Coupling System	NC1	
Alloy	EN AW 6082 T6	

Diagram



NHR54 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
4	1036	5,2	2248*	4,5	1327*	4,5	954*	4,5	757*	4,6
6	688	17,4	1808*	12,3	1132*	13,1	851*	13,7	682*	14
8	394	31,9	1469*	23,9	972*	26,9	750*	28,9	619*	30,3
10	249	49,9	1236*	39,9	833*	45,6	624	47,5	520	50,3
12	170	72	1024	58,4	730*	70,1	512	68,6	426	72,6
14	123	98,2	861	80	640*	99,3	430	93,7	359	99
16	92	128,6	737	105,3	553	131,2	368	122,8	307	129,5
18	71	163,2	639	134,4	479	166,3	319	156	266	164,3
20	55	202	558	167,6	419	205,8	279	193,4	232	203,4

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
13,1	697	2	4956*	2	2926*	2	2103*	2	1669*	2
19,7	463	7	3986*	5	2496*	5	1876*	5	1504*	6
26,2	265	13	3239*	9	2143*	11	1653*	11	1365*	12
32,8	168	20	2725*	16	1836*	18	1376	19	1146	20
39,4	115	28	2258	23	1609*	28	1129	27	941	29
45,9	83	39	1900	31	1411*	39	950	37	791	39
52,5	62	51	1626	41	1220	52	813	48	677	51
59,1	48	64	1409	53	1057	65	705	61	587	65
65,6	38	80	1232	66	924	81	616	76	513	80

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NHR34 LENGTHS

Productcode	Description
NHR34-025	Rectangular NHR34 LENGTH 25 CM 48,3x3mm
NHR34-050	Rectangular NHR34 LENGTH 50 CM 48,3x3mm
NHR34-075	Rectangular NHR34 LENGTH 75 CM 48,3x3mm
NHR34-100	Rectangular NHR34 LENGTH 100 CM 48,3x3mm
NHR34-150	Rectangular NHR34 LENGTH 150 CM 48,3x3mm
NHR34-200	Rectangular NHR34 LENGTH 200 CM 48,3x3mm
NHR34-250	Rectangular NHR34 LENGTH 250 CM 48,3x3mm
NHR34-300	Rectangular NHR34 LENGTH 300 CM 48,3x3mm
NHR34-350	Rectangular NHR34 LENGTH 350 CM 48,3x3mm
NHR34-400	Rectangular NHR34 LENGTH 400 CM 48,3x3mm

NHR44 LENGTHS

Productcode	Description
NHR44-021	Rectangular NHR44 LENGTH 21 CM 48,3x3mm
NHR44-025	Rectangular NHR44 LENGTH 25 CM 48,3x3mm
NHR44-029	Rectangular NHR44 LENGTH 259 CM 48,3x3mm
NHR44-050	Rectangular NHR44 LENGTH 50 CM 48,3x3mm
NHR44-058	Rectangular NHR44 LENGTH 58 CM 48,3x3mm
NHR44-071	Rectangular NHR44 LENGTH 71 CM 48,3x3mm
NHR44-075	Rectangular NHR44 LENGTH 75 CM 48,3x3mm
NHR44-100	Rectangular NHR44 LENGTH 100 CM 48,3x3mm
NHR44-150	Rectangular NHR44 LENGTH 150 CM 48,3x3mm
NHR44-200	Rectangular NHR44 LENGTH 200 CM 48,3x3mm
NHR44-250	Rectangular NHR44 LENGTH 250 CM 48,3x3mm
NHR44-300	Rectangular NHR44 LENGTH 300 CM 48,3x3mm
NHR44-350	Rectangular NHR44 LENGTH 350 CM 48,3x3mm
NHR44-400	Rectangular NHR44 LENGTH 400 CM 48,3x3mm

NHR54 LENGTHS

Productcode	Description
NHR54-025	Rectangular NHR54 LENGTH 25CM 48,3x3mm
NHR54-050	Rectangular NHR54 LENGTH 50CM 48,3x3mm
NHR54-075	Rectangular NHR54 LENGTH 75CM 48,3x3mm
NHR54-081	Rectangular NHR54 LENGTH 81CM 48,3x3mm
NHR54-100	Rectangular NHR54 LENGTH 100CM 48,3x3mm
NHR54-150	Rectangular NHR54 LENGTH 150CM 48,3x3mm
NHR54-200	Rectangular NHR54 LENGTH 200CM 48,3x3mm
NHR54-250	Rectangular NHR54 LENGTH 250CM 48,3x3mm
NHR54-300	Rectangular NHR54 LENGTH 300CM 48,3x3mm
NHR54-350	Rectangular NHR54 LENGTH 350CM 48,3x3mm
NHR54-400	Rectangular NHR54 LENGTH 400CM 48,3x3mm

NHR34/44/54 Box corners

In the NHR series corners can be made with Box corners, the box corners let you create configurations up to four ways, on the bottom and top of the box corner a leg or support can be added.

Let your creativity run wild, because these corner pieces offer endless possibilities. These boxcorners can be combined with NH24/34 and 44 to serve as a tower

NBOX-34R Box corner

Box corner NHR34

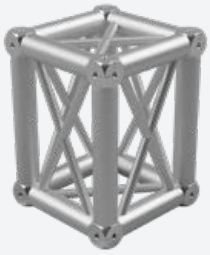
Technical specifications

Height	287 mm	11.3 in
Width	198 mm	7.8 in
Size Main Tube	50 x 3 mm	1.97 x 0.12 in
Size Bracing Vertical	20x2 mm	0.78 x 0.08 in
Size Bracing Horizontal	16x2 mm	0.62 x 0.08 in
Weight	8 kg	
Pin Position	Diagonal	
Coupling System	NC1/M12	
Alloy	EN AW 6082 T6	

Can be combined with NH24 as a tower by connecting it in the vertical direction of the box corner.

NBOX-44R Box corner

Box corner NHR44



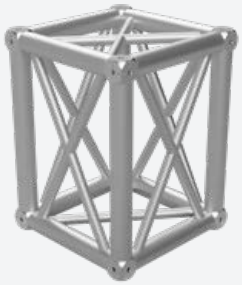
Technical specifications

Height	387 mm	15.2 in
Width	287 mm	11.3 in
Size Main Tube	50 x 3 mm	1.97 x 0.12in
Size Bracing	25 x 3 mm	0.98 x 0.12 in
Weight	12 kg	
Pin Position	Diagonal	
Coupling System	NC1/M12	
Alloy	EN AW 6082 T6	

Can be combined with NH34 as a tower by connecting it in the vertical direction of the box corner.

NBOX-H54R Box corner

Box corner NHR54



Technical specifications

Height	518 mm	20.4 in
Width	387 mm	15.2 in
Size Main Tube	60 x 3 m	2.36 x 0.12 in
Size Bracing	25 x 3 mm	0.98 x 0.12 in
Weight	16 kg	
Pin Position	Diagonal	
Coupling System	NC1/M12	
Alloy	EN AW 6082 T6	

Can be combined with NH44 as a tower by connecting it in the vertical direction of the box corner.

BOX Attachments

Productcode	Description
NC1-SCON-BOX	STEEL HALF COUPLER HOLE/M12 FOR BOX CORNERS
NC1-BOB75	FEMALE COUPLER 12MM HOLE L=75mm
NC1-BOB105	FEMALE COUPLER 12MM HOLE L=105mm
NBOX-44RA105	ATTACHMENT NBOX-44R L=105mm
NBOX-44RA210	ATTACHMENT NBOX-44R L=210mm
NBOX-54RA105	ATTACHMENT NBOX-H54R L=105mm

NSR34 RECTANGLE Truss

NSR34 RECTANGLE

The NSR34 Square truss is engineered from main tubes (50 x 4 mm) and braces (25 x 3 mm).
It is equipped with the NC2 conical coupling system that makes the NSR34 truss fast and easy to assemble.

Due to the unique pattern of the bracing the NSR34 truss is a compact, high load-bearing truss. Its flexible properties make it a popular truss for rental companies.

NSR34 truss also includes a range of corners and accessories.

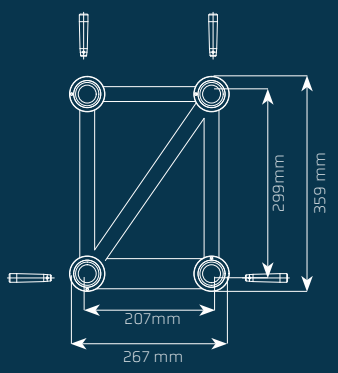
THE ESSENTIALS

- Fast and easy assembly
- Excellent loading, low dead weight
- TÜV Approved

Technical specifications

Height	359 mm	14.1 in
Width	267 mm	10.5 in
Size Main Tube	50 x 4 mm	1.97 x 0.16 in
Size Bottom Bracing	50 x 4 mm	1.97 x 0.16 in
Size Diagonal Bracing	25 x 3 mm	0.98 x 0.12 in
Weight	~11 kg/mt	7.4 lb/ft
Pin Position	Vertical / Horizontal	
Coupling System	NC2	
Alloy	EN AW 6082 T6	

Diagram



NSR34 Loading charts

Metric Loading Charts

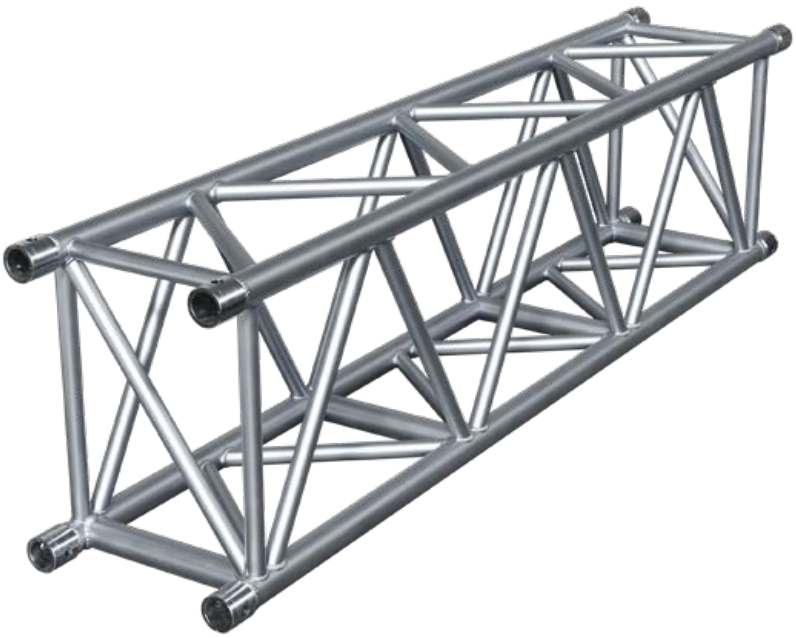
Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
4	1221	11	2761	10	2070	12.7	1380	11.8	1150	12.5
6	608	28	1824	22.5	1368	28.6	912	26.6	760	28.2
8	337	49.9	1350	40.2	1012	50.9	675	47.4	562	50.2
10	212	78	1062	63.2	796	79.7	531	74.3	442	78.6
12	144	112.6	866	91.7	649	114.9	433	107.4	361	113.5
14	103	153.7	724	126	543	156.8	362	146.8	301	154.8
16	76	201.3	614	166.2	461	205.2	307	192.5	256	202.7
18	58	255.7	527	212.8	395	260.4	263	244.9	219	257.4
20	45	316.8	455	266	341	322.5	227	304.1	189	318.9

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
13.1	821	4	6087	4	4566	5	3044	5	2536	5
19.7	409	11	4021	9	3016	11	2011	10	1676	11
26.2	227	20	2977	16	2233	20	1489	19	1240	20
32.8	143	31	2342	25	1756	31	1171	29	976	31
39.4	97	44	1911	36	1433	45	955	42	796	45
45.93	69	61	1596	50	1197	62	798	58	665	61
52.49	51	79	1355	65.4	1016	80.8	677	75.8	564	79.8
59.05	39	100	1162	83.8	871	102.5	581	96.4	484	101.3
65.62	30	124	1004	104.7	752	127.0	502	119.7	418	125.6

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

NSR54 RECTANGULAR Truss



NSR54 RECTANGULAR

Our NSR54 is a rectangular truss that has been specially developed for applications that require heavy-duty performance. With a width of 390 mm and 520 mm high it is a rather small product but holds a high loading capacity. A perfect choice for rental companies and retail installations. The NSR54 has four-sided diagonal webbing and rigid horizontal bracing on the bottom side, this allows easy mounting of lighting fixtures or other central loads.

Due to its rectangular size, the storage and transport space is 25% smaller than the NS54, but it still offers an equal load capacity.

The NSR54 is equipped with the NC2 connection system.

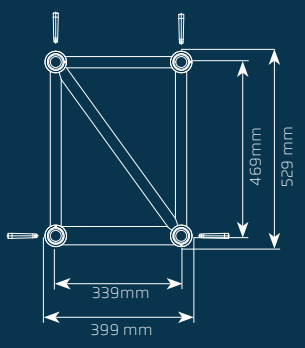
THE ESSENTIALS

- Fast and easy assembly
- The load can be attached centralized
- Narrow design
- Optimized for indoor & outdoor use

Technical specifications

Height	529mm	20.8 in
Width	399mm	15.7 in
Size Main Tube	50 x 4 mm	1.90 x 0.11 in
Size Diagonal Bracing	30 x3 mm	1.18 x 0.12 in
Size Bottom Bracing	50 x 4 mm	1.97 x 0.16 in
Weight	14~ kg/mt	9,4 lb/ft
Pin Position	Horizontal below / vertically top	
Coupling System	NC2	
Alloy	EN AW 6082 T6	

Diagram



NSR54 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	958	17,9	2387*	12	1488*	12,7	1107*	13,2	887*	13,4
8	533	31,9	1964*	23,7	1281*	26,3	982*	28	809*	29,3
10	336	49,9	1634*	39,2	1099*	44,6	842	47,6	701	50,3
12	230	72,1	1380	58,5	963*	68,7	690	68,7	575	72,6
14	165	98,3	1159	80,2	852*	98,4	579	93,8	483	99
16	123	128,7	990	105,6	742	131,2	495	122,9	412	129,6
18	95	163,3	856	134,9	642	166,5	428	156,2	356	164,4
20	74	202,2	746	168,3	559	206	373	193,7	310	203,6
22	59	245,5	653	205,9	490	249,9	326	235,6	272	247,1

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
19,7	644	7	5262*	5	3280*	5	2441*	5	1956*	5
26,2	359	13	4330*	9	2824*	10	2165*	11	1784*	12
32,8	226	20	3602*	15	2423*	18	1857	19	1547	20
39,4	155	28	3043	23	2123*	27	1521	27	1268	29
45,9	111	39	2556	32	1878*	39	1278	37	1065	39
52,5	83	51	2183	42	1637	52	1092	48	910	51
59,1	64	64	1887	53	1415	66	944	61	786	65
65,6	50	80	1645	66	1233	81	822	76	685	80
72,2	40	97	1441	81	1081	98	720	93	600	97

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

NSR34 LENGTHS

Productcode	Description
NSR34-050	RECTANGULAR NSR34 LENGTH 50CM 50x4mm
NSR34-100	RECTANGULAR NSR34 LENGTH 100CM 50x4mm
NSR34-150	RECTANGULAR NSR34 LENGTH 150CM 50x4mm
NSR34-200	RECTANGULAR NSR34 LENGTH 200CM 50x4mm
NSR34-250	RECTANGULAR NSR34 LENGTH 250CM 50x4mm
NSR34-300	RECTANGULAR NSR34 LENGTH 300CM 50x4mm
NSR34-400	RECTANGULAR NSR34 LENGTH 400CM 50x4mm

NSR54 LENGTHS

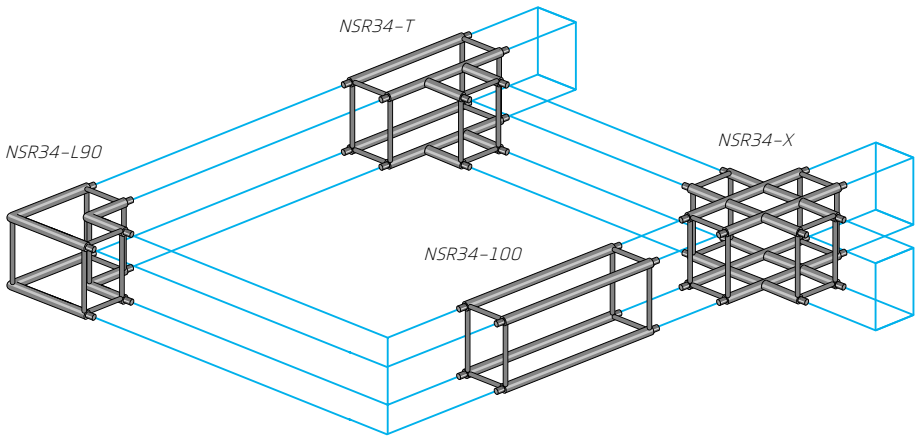
Productcode	Description
NSR54-050	RECTANGULAR NSR54 LENGTH 50CM 50X4mm
NSR54-100	RECTANGULAR NSR54 LENGTH 100CM 50X4mm
NSR54-150	RECTANGULAR NSR54 LENGTH 150CM 50X4mm
NSR54-200	RECTANGULAR NSR54 LENGTH 200CM 50X4mm
NSR54-250	RECTANGULAR NSR54 LENGTH 250CM 50X4mm
NSR54-300	RECTANGULAR NSR54 LENGTH 300CM 50X4mm
NSR54-350	RECTANGULAR NSR54 LENGTH 350CM 50X4mm
NSR54-400	RECTANGULAR NSR54 LENGTH 400CM 50X4mm

NSR34 Corners / NSR54 Box Corner

In the NS36 series, corner pieces are widely represented, there are many possibilities to perfectly connect the NS36 corner collection with the straight elements. Let your creativity run wild, because these corner pieces offer endless possibilities.

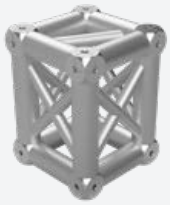
The NS36 series allows a wide variety of structural shapes up to three levels by using corners, crosspieces, T and X-pieces. For the NSR54 only a box corner is available.

Productcode	Size in cm
NSR34-L90	47,5 x 47,5
NSR34-050D	60x47,5
NSR34-L90DR	47,5x 47,5x 47,5
NSR34-L90DL	47,5x 47,5x 47,5
NSR34-T	60x47,5
NSR34-X	60x60



NBOX-34R Box corner

Box corner for NSR34

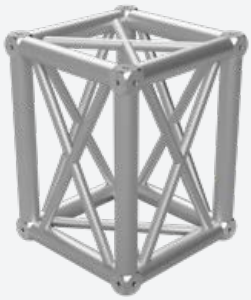


Technical specifications

Height	359 mm	11.38 in
Width	267 mm	11.38 in
Size Main Tube	60 x 5 mm	2.36 x 0.16 in
Size Bracing	30 x 3 mm	1.18 x 0.12 in
Weight	15 kg	
Pin Position	Horizontal/Vertical	
Coupling System	NC2/M16	
Alloy	EN AW 6082 T6	

NBOX-54R Box corner

Box corner for NSR54



Technical specifications

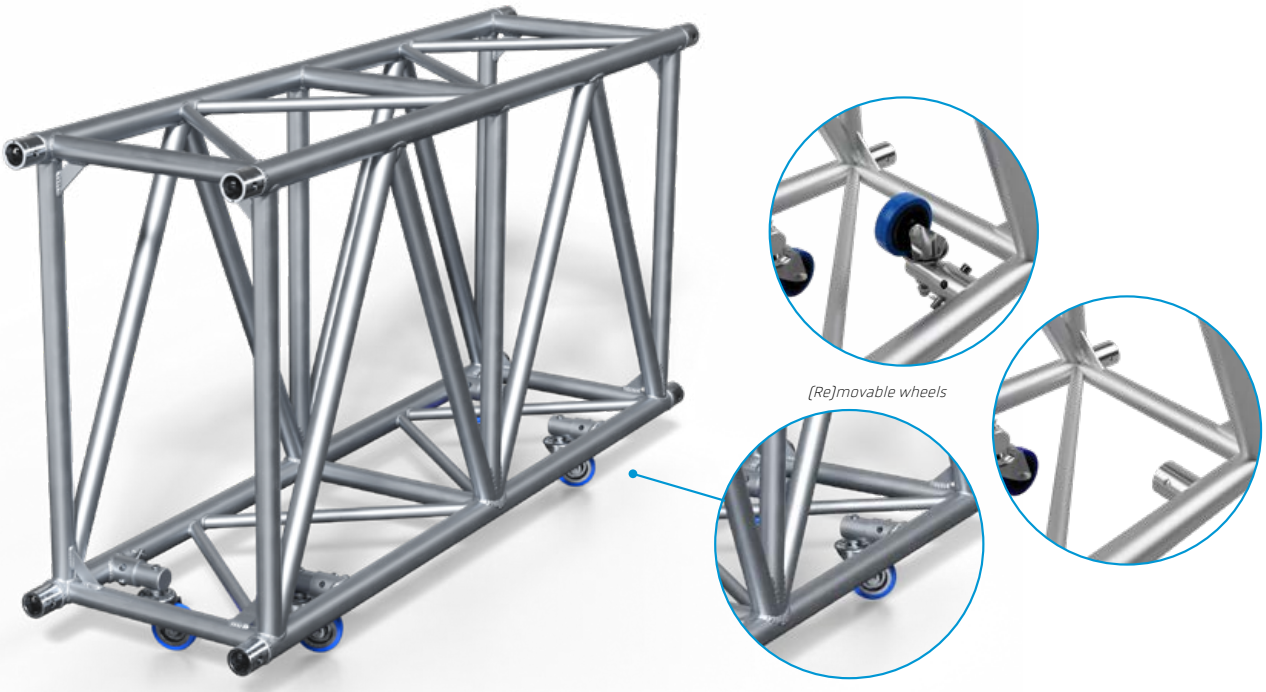
Height	530 mm	11.38 in
Width	399 mm	11.38 in
Size Main Tube	60 x 5 mm	1.97 x 0.16 in
Size Bracing	30 x 3 mm	0.98 x 0.12 in
Weight	21 kg	
Pin Position	Horizontal/Vertical	
Coupling System	NC2/M16	
Alloy	EN AW 6082 T6	

BOX Attachments for NSR34 & NSR54

Productcode	Description
NC2-B0B80	NC2 FEMALE RECEIVER L=80mm incl sping pin black

All corners are shown without bracing to improve indication of direction.

NBR104 RECTANGULAR Truss



(Re)movable wheels

NBR104 RECTANGULAR

The NBR104 rectangular truss is manufactured from 60 x 5 mm main tubes with 50 x 3mm & 30x3mm bracing, A conical coupling system (NC2) allows the NBR104 to be connected quickly and easily. NBR104 is the powerhouse in the Pre Rig Truss segment, standard lengths vary from 80 to 400 cm, special lengths can be produced on request.

Because of the full use of bracing on all sides the truss can handle both vertical and horizontal loads which makes the NBR104 perfect for indoor and outdoor use.

This truss is equipped with (re)movable castor wheels, the wheels can be detached after transportation or flipped up by using the conical connection pin.
This ensures a clear undersurface so that other trusses can be rigged anywhere below.

THE ESSENTIALS

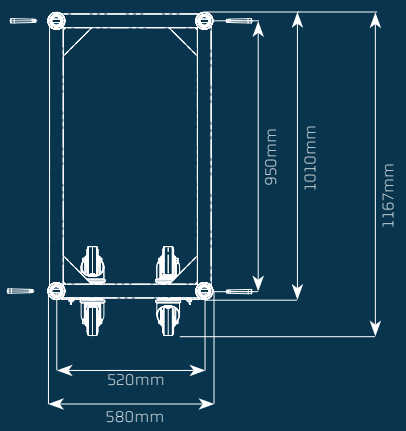
- Fast and easy assembly
- Horizontal pin position
- TÜV Approved
- Pre Rig truss
- Equipped with (re)movable castor wheels

Technical specifications

Height excl. wheels	1010 mm	39.8 in
Height incl. wheels	1167 mm	45.9 in
Width	580 mm	22.8 in
Size Main Tube	60 x 5 mm	2.36 x 0.24 in
Size Hor. Straight Bracing	50 x 3 mm	1.97 x 0.12 in
Size Vert. Bracing	50 x 3 mm	1.97 x 0.12 in
Size Hor. Diagonal Bracing	30x 3 mm	1.18 x 0.12 in
Weight	~25 kg/mtr	16.8 lb/ft

Pin Position	Horizontal
Coupling System	NC2
Alloy	EN AW 6082 T6

Diagram



NBR104 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
8	1366	13,3	5287*	10,4	3116*	10,4	2260	10,5	1777	10,5
12	838	41,9	4176*	28,2	2642*	30,3	1988	31,7	1593	32,4
16	461	74,6	3361*	55,4	2244*	62,4	1736	67	1431	70,2
20	287	116,9	2757*	92	1917*	107,2	1436	111,5	1196	117,8
24	192	168,9	2286*	137,9	1645*	164,6	1154	161,5	962	170,1
28	135	230,9	1894	192	1407*	233,2	947	221,2	789	232,5
32	98	303,1	1571	254,9	1178	308,4	785	291	654	305
36	72	385,7	1310	328,5	982	392	655	371,4	545	387,9
40	54	479	1092	413,7	819	486,3	546	462,7	455	481,6
44	41	583,5	905	511,4	678	591,5	452	565,5	377	586,4

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
26	919	5	11656	4	6870	4	4982	4	3918	4
39	564	16	9207	11	5825	12	4383	12	3512	13
52	310	29	7410	22	4947	25	3827	26	3155	28
66	193	46	6078	36	4226	42	3166	44	2638	46
79	129	66	5040	54	3627	65	2546	64	2122	67
92	91	91	4176	76	3102	92	2088	87	1740	92
105	66	119	3465	100	2598	121	1732	115	1444	120
118	49	152	2889	129	2166	154	1444	146	1204	153
131	37	189	2408	163	1806	191	1204	182	1003	190
144	28	230	1996	201	1497	233	998	223	832	231

• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

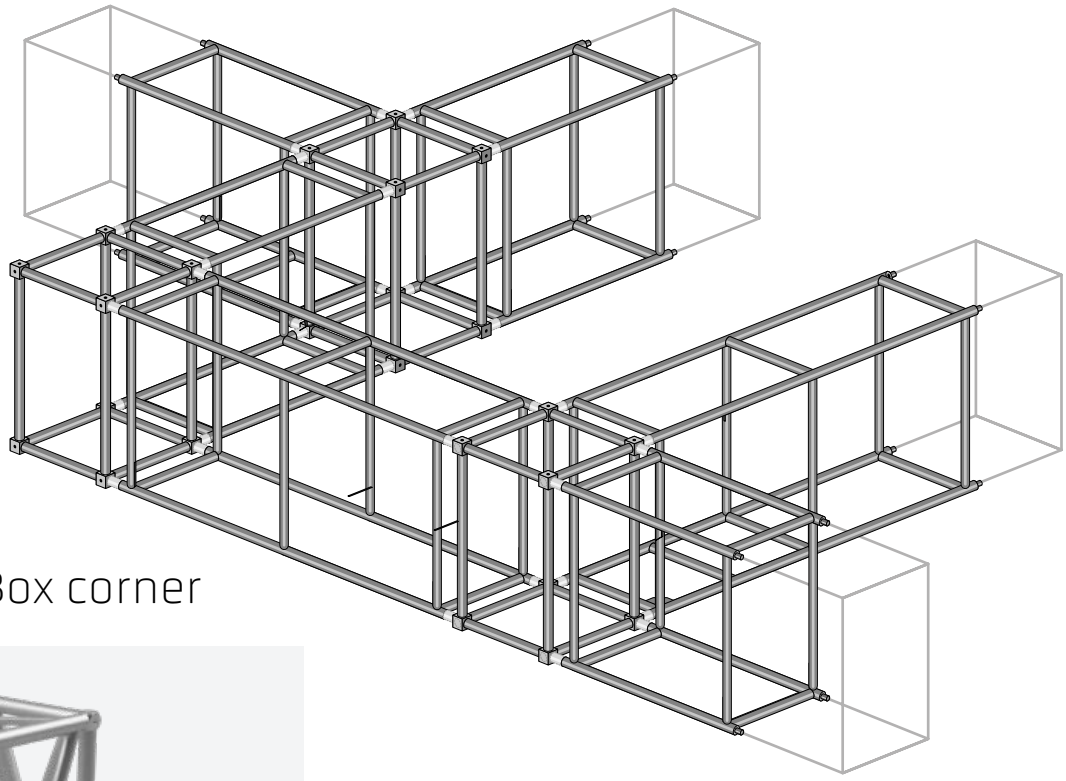
NBR104 LENGTHS

Productcode	Description
NBR104-080	RECTANGULAR NBR104 LENGTH 80 CM 60x6mm
NBR104-100	RECTANGULAR NBR104 LENGTH 100 CM 60x6mm
NBR104-120	RECTANGULAR NBR104 LENGTH 120 CM 60x6mm
NBR104-200	RECTANGULAR NBR104 LENGTH 200 CM 60x6mm
NBR104-240	RECTANGULAR NBR104 LENGTH 240 CM 60x6mm
NBR104-250	RECTANGULAR NBR104 LENGTH 250 CM 60x6mm
NBR104-300	RECTANGULAR NBR104 LENGTH 300 CM 60x6mm
NBR104-400	RECTANGULAR NBR104 LENGTH 400 CM 60x6mm

BOX CORNER NBR104

The Box Corners from NEXT Truss enables you to create corners up to 4 ways in configurations of 90 degree angles. To create these configurations attachments can be screwed on to the box corner using bolts. These connections are available in various sizes and types, depending on what kind of angle needs to be made.

Because the box corner is multi-functional it is a cost effective product, in addition, the box corners are extremely strong and can handle the forces in both vertical and horizontal direction.



NBOX-104R Box corner

Box corner NBR104

Technical specifications

Height	1010 mm	39.8 in
Width	580 mm	22.8 in
Size Main Tube	60 x 6 mm	2.36 x 0.24 in
Size Bracing Vertical	50 x 3 mm	1.97 x 0.12 in
Size Bracing Horizontal	30x 3 mm	1.18 x 0.12 in
Weight	38 kg	
Pin Position	Horizontal	
Coupling System	NC2/M16	
Alloy	EN AW 6082 T6	

NBR BOX Attachments

Productcode	Description
NC2-BOB80	NC2 FEMALE RECEIVER L=80mm incl spring pin

Touring Truss

NSPR35 PRE RIG Truss

NSPR35 PRE RIG TRUSS

The NEXT Truss NSPR35 is designed primarily to transport moving heads or other lighting components when on tour or for quick and easy show setup. The fixed cross bracing on the top makes it simple to load lighting fixtures onto the truss. This job can be prepped in the warehouse.

A folding dolly that can be raised or lowered is included with the truss for simple transportation of both the payload and the truss itself. During the performance or while being stored, the dolly can be folded and stacked. When not in use, the truss component can also be stacked on top of one another.

There is a rotating pin/fork connection on the NSPR35, which as a result, can be used both horizontally and vertically. This allows for the creation of spans that resemble goalposts or a grid.

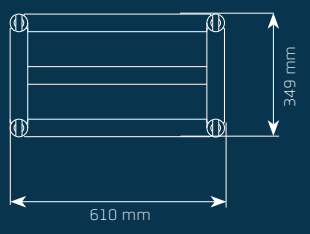
THE ESSENTIALS

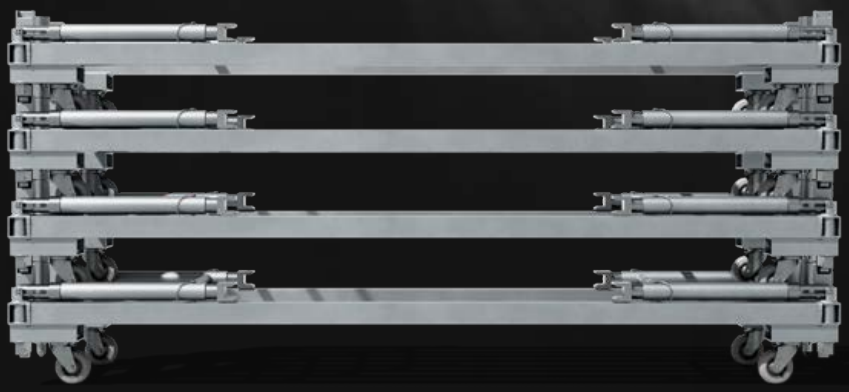
- Both Truss and dolly are stackable
- Saves transport, time and space
- Folding dolly with height-adjustable legs

Technical specifications

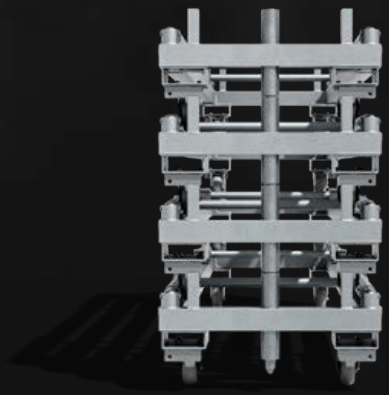
NSPR35 Truss section		
Height	349 mm	20.8 in
Width	610 mm	15.7 in
Size Main Tube	50 x 4 mm	1.90 x 0.11 in
Size Diagonal Bracing	25 x3 mm	1.18 x 0.12 in
Size Cross Bracing	50 x 4 mm	1.97 x 0.16 in
Weight 2.44 mtr	38.8kg (truss only)	9,4 lb/ft
Weight 1.22 mtr	27,1kg (truss only)	
Pin Position	Horizontal or vertical	
Coupling System	Male/female forkends	
Alloy	EN AW 6082 T6	
NSPR35 Dolly		
Height	800 – 1000 mm (max. height)	
Width	610 mm	
NSPR35 Complete		
Height	1149 – 1349 mm (max. height)	
Width	610 mm	

Diagram

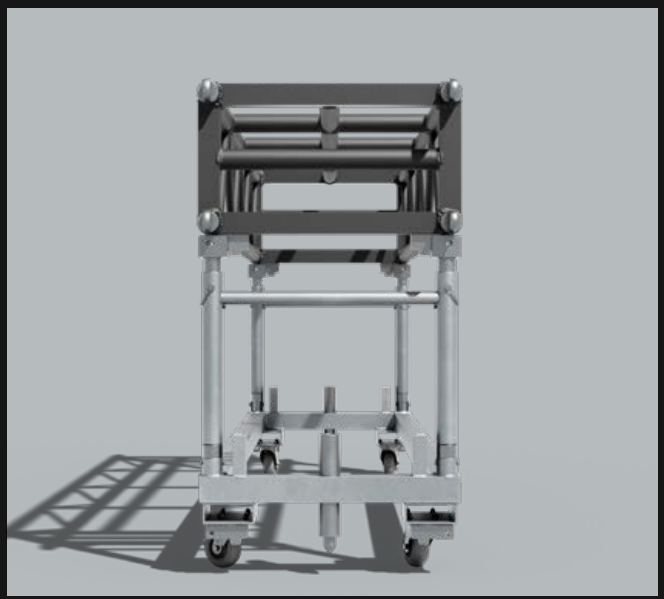




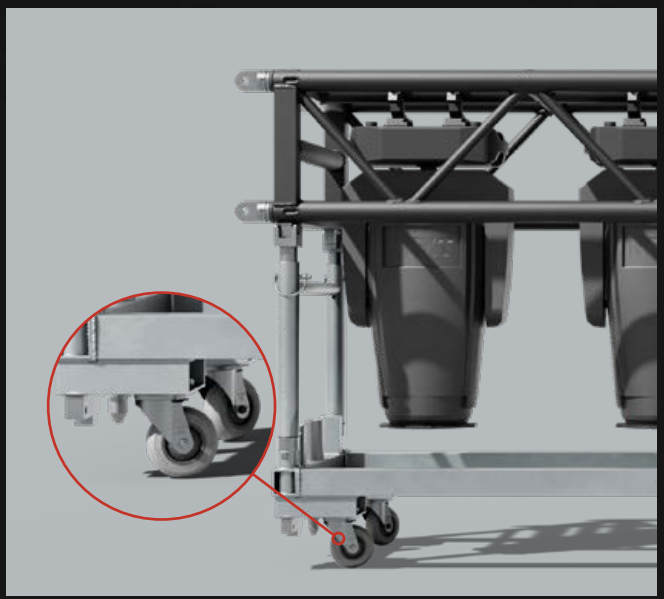
Foldable and stackable dolly (also available for the 122cm) version)



Position points for stacking



The pin-fork connector can rotate to make vertical and horizontal angles, allowing both spans and post or grid configurations.



The dolly is equipped with soft rubber wheels with a special running surface of high quality elastic solid rubber, rolling is changed to the feeling of soft sliding. Perfect for delicate loading parts such as moving head.

NSPR35 LENGTHS

Productcode	Description
NSPR35-305	PRE RIG TRUSS, FIXED LENGTH=305 cm
NSPR35-244	PRE RIG TRUSS, FIXED LENGTH=244 cm
NSPR35-122	PRE RIG TRUSS, FIXED LENGTH=122 cm
NSPR35-305DF	PRE RIG TRUSS, FOLDABLE DOLLY LENGTH=244 cm
NSPR35-244DF	PRE RIG TRUSS, FOLDABLE DOLLY LENGTH=244 cm
NSPR35-122DF	PRE RIG TRUSS, FOLDABLE DOLLY LENGTH=122 cm
NXA-LP16	LOCKING PIN 16 MM (truss)
NC2-RS3	SAFETY R-CLIP 3 mm

NSPR35 Loading charts

Metric Loading Charts

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
2,4	1963,2	2,5	3086*	2,5	2395,1*	3,3	1596,7	3,1	1197,5	3
3,66	1303	8,3	2466*	6,9	1534*	7,3	1158*	7,6	930*	7,8
4,88	916,9	18,5	2014*	13,4	1326*	15	1018*	16,1	848*	17
6,1	580,6	29	1682*	22,3	1142*	25,6	885,3	27,6	737,8	29,2
7,32	397,8	41,8	1442*	33,5	994*	39	728	39,8	606,7	42,1
8,54	287,7	57	1228,3	46,3	875*	55,4	614,2	54,3	511,8	57,4
9,76	216,2	74,6	1054,8	60,9	783*	75,4	527,4	71,2	439,5	75,1
10,98	167,1	94,6	917,6	77,6	688,2	96,5	458,8	90,4	382,3	95,3
12,2	132,1	117,1	805,6	96,6	604,2	119,3	402,8	112	335,7	117,9
13,42	106,1	142	712,1	118	534	144,7	356	136	296,7	143
14,64	86,4	169,5	632,3	141,8	474,3	172,6	316,2	162,6	263,5	170,6

Imperial Loading Charts

Span	UDL		CPL		1/3 Point load		1/4Point load		1/5 Point load	
ft	lbs/ft	in	lbs	in	lbs (2x)	in	lbs (3x)	in	lbs (4x)	in
7,9	1319	1	6803*	1	5280*	1	3520	1	2640	1
12,0	876	3	5437*	3	3382*	3	2553*	3	2050*	3
16,0	616	7	4440*	5	2923*	6	2244*	6	1870*	7
20,0	390	11	3708*	9	2518*	10	1952	11	1627	11
24,0	267	16	3179*	13	2191*	15	1605	16	1338	17
28,0	193	22	2708	18	1929*	22	1354	21	1128	23
32,0	145	29	2325	24	1726*	30	1163	28	969	30
36,0	112	37	2023	31	1517	38	1011	36	843	38
40,0	89	46	1776	38	1332	47	888	44	740	46
44,0	71	56	1570	46	1177	57	785	54	654	56
48,0	58	67	1394	56	1046	68	697	64	581	67

• The open plane of the truss must always be placed in the tension zone! Spans with more than 2 support point must be calculated due to buckling reasons! The table is only valid for a single beam with 2 outer supports and open plane downwards.
• High values of distributed loads are idealized. Loads must be applied to node points!
• Full loading tables are available on request.

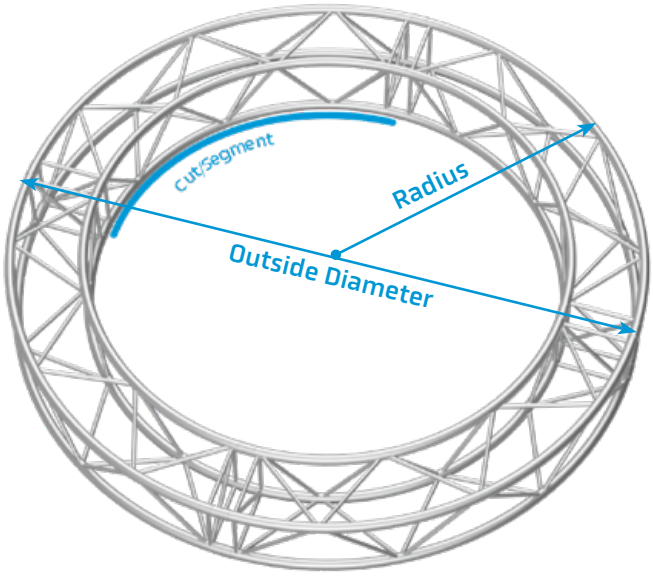
** limited by interaction of shear and moment at the connection*
Displacement connection is decisive!

Circles

Picture by Philippe HECKEL via Pexels

Circles

Next to the straight lengths our product range is complemented with circular, curved and arc shaped truss. With special attention and precision, these circles or circular parts are produced in different diameters and degrees. Each segment of a circle can be assembled at any location or replaced by a new piece without affecting the integrity or the overall shape of the circle.



Circular or curved truss can be produced in different diameters or degrees, circular–shaped truss has an inner and outer radius and is divided into cuts/segments.

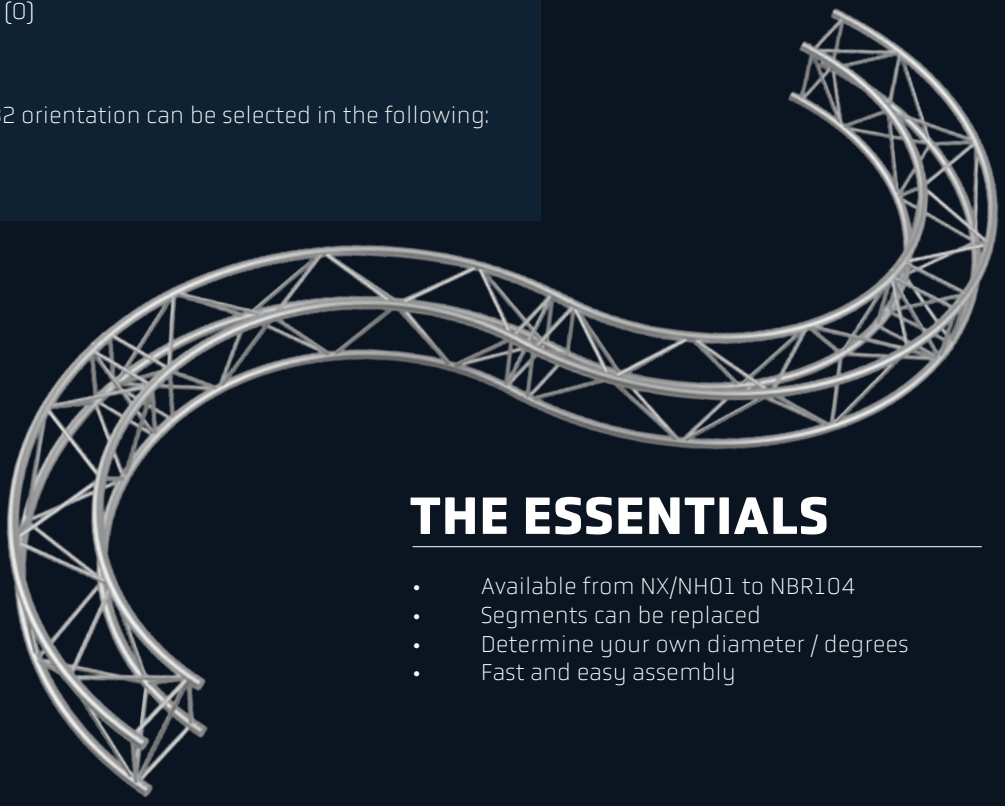
When ordering a circle or circle parts, the outside diameter and the number of cuts must be indicated. A cut divides the circle into segments, keep in mind that segments cannot have an outer dimension of more than 5 meters due to the maximum tube length. We recommend 3/4 meter lengths and an even number of segments for maximum interchangeability. When ordering only a circle part, the outside radius and the angle needs to be indicated.

Ordering a circle

When ordering a circle, there are some important things to take into account, which are:

- Outside diameter (code of a cirle always refers to a diameter)
- Or radius & angle
- Amount of cuts or segments
- In the case of NX/NH33/43 orientation can be selected in the following:
  - Two tubes in (i)
  - Tow tubes Out (O)
  - Standard

- In the case of NX/NH32 orientation can be selected in the following:
  - Horizontal (H)
  - Vertical (V)



THE ESSENTIALS

- Available from NX/NH01 to NBR104
- Segments can be replaced
- Determine your own diameter / degrees
- Fast and easy assembly

Couplers & Accessories

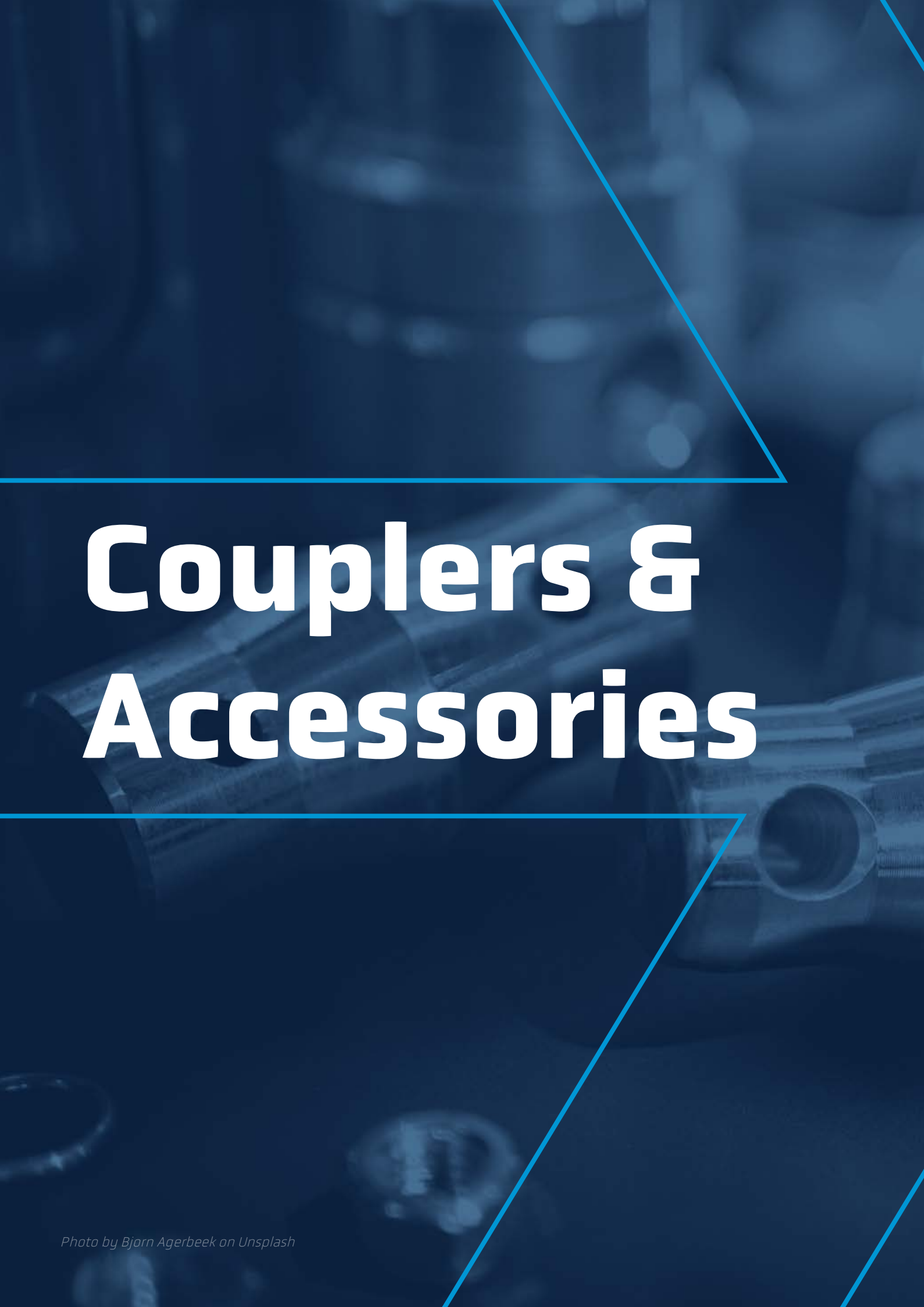


Photo by Bjorn Agerbeek on Unsplash

COUPLERS FOR TRUSS

NEXT couplers are made accordingly to the highest quality standard aluminium. In addition, NEXT Truss only uses high-quality 42MoCr4 forged steel for the truss pin, which prevents deformation. by assembly and use.

The coupling systems are offered in two variants to deliver strong and stable connections to our wide range of truss. Allowing our safe systems to be built with ease.

NC1 Couplers

Suitable for NX/NH32,33,34,44 & NH24, NHR34, 44, 52, NST44

NC1-CON | NC1-TP | NC1-TPS | NC1-RS2

NC1-NUT is not included

NC1 Couplers

Productcode	Description
NC1-CON	Conical connector for NX / NH Truss
NC1-TP	Conical truss pin for NX / NH Truss
NC1-TPS	Conical truss screw pin for NX / NH Truss
NC1-RS2	Safety R-clip 2mm for NC1-TP
NC1-NUT	M8 Nut for NC1-TPS

NC2 Couplers

Suitable for NSR34, NS(R)52, NBR104, NBT54

NC2-CON | NC2-TP | NC2-TPS | NC2-RS3

NC2-NUT is not included

NC2 Couplers

Productcode	Description
NC2-CON	Conical connector for NS(R) / NBR Truss
NC2-TP	Conical truss pin for NS(R) / NBR Truss
NC2-TPS	Conical truss screw pin for NS(R) / NBR Truss
NC2-RS3	Safety R-clip 3mm for NC2-TP
NC2-NUT	M12 Nut for NC2-TPS

SPACERS

Spacers can be used to lengthen a length slightly or to make up for a space shortage. NEXT Truss spacers are available for the NX/NH(R) series from 10 to 50 mm.

Spacers for NC1 connection system

Productcode	Description
NC1-CON10	SPACER FOR NX/NH(R), 10mm
NC1-CON15	SPACER FOR NX/NH(R),, 15mm
NC1-CON20	SPACER FOR NX/NH(R),, 20mm
NC1-CON25	SPACER FOR NX/NH(R),, 25mm
NC1-CON30	SPACER FOR NX/NH(R),, 30mm
NC1-CON35	SPACER FOR NX/NH(R),, 35mm
NC1-CON40	SPACER FOR NX/NH(R),, 40mm
NC1-CON50	SPACER FOR NX/NH(R),, 50mm

OTHER COUPLERS

Besides the standard coupler material, other couplers are available to create connections on NEXT box corners or other material such as sleeve blocks or bases. Several couplers are available in a male and female version, these are equipped with a hole or a thread to secure with a bolt.

Bolted receivers

NC1-BOB75

Female receiver 12 mm hole L=75 mm

NC1-BOB105

Female receiver 12 mm hole L=105 mm

NC2-BOB80

Female receiver 16 mm hole L=80 mm

**All above are delivered with a positioning pin*

NC1-SCON-BOX

Steel half connector M12 for box corners

Threaded couplers

NC1-SCON19

Half connector 19mm-M12

NC1-SCON25

Connector for sleeve block NT30 Tower - M12

NC2-SCON25

Connector for sleeve block NT50 Tower - M16

BASEPLATES FOR TRUSS

For several Truss Systems NEXT supplies a baseplate. These standard baseplates are made out of an aluminium plate where steel male couplers can be mounted on. The plate for our standard series is 6 mm thick. Combine the baseplate with the NC1-SCON-PLB coupler to connect truss onto the baseplate.

Ladder baseplates

Baseplates for Ladder Truss

Productcode	Description
NPLB-32	BASEPLATE LADDER NX/NH32
NPLB-42	BASEPLATE LADDER NX/NH42

Combine the baseplate with the NC1-SCON- PLB coupler to connect truss onto the baseplate.

Triangular baseplates

Baseplates for Triangular

Productcode	Description
NPLB-33	BASEPLATE TRIANGLE NX/NH33
NPLB-43	BASEPLATE TRIANGLE NX/NH43

Combine the baseplate with the NC1-SCON- PLB coupler to connect truss onto the baseplate.

Square baseplates

Baseplates for Square Truss

Productcode	Description
NPLB-24	BASEPLATE SQUARE NH24
NPLB-34	BASEPLATE SQUARE NX/NH34
NPLB-44	BASEPLATE SQUARE NX/NH44

Combine the baseplate with the NC1-SCON- PLB coupler to connect truss onto the baseplate.

NPLB-52	BASEPLATE SQUARE NS54

Combine the baseplate with the NC2-SCON-PLB to connect truss onto the baseplate.

Connectors for baseplates

NC1-SCON-PLB

Connector for base plate NX/NH30/40 - M12

NC2-SCON-PLB

Connector for base plate NS54 - M16

**Need to be connected with a countersunk head bolt M12 - not included*

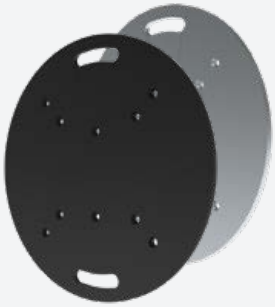
**Need to be connected with a countersunk head bolt M16 - not included*

TOTEMPLATES FOR TRUSS

Besides the regular baseplates NEXT Truss offers round baseplates at an 800 mm diameter and a square version of 800 x 800 mm. They are made from a 10 mm thick steel plate where male couplers can be mounted on. Combine the baseplate with the NC1-SCON-PLB coupler to connect truss onto the baseplate.

Round Baseplate

ROUND BASEPLATE NX/NH30-40 D=800 10MM



Technical specifications

Diameter	800 mm	Weight	38 kg
Thickness	10 mm	Coupling System	NC1
		Material	Steel

Needs NC1-SCON-PLB to connect truss + countersunk head bolt

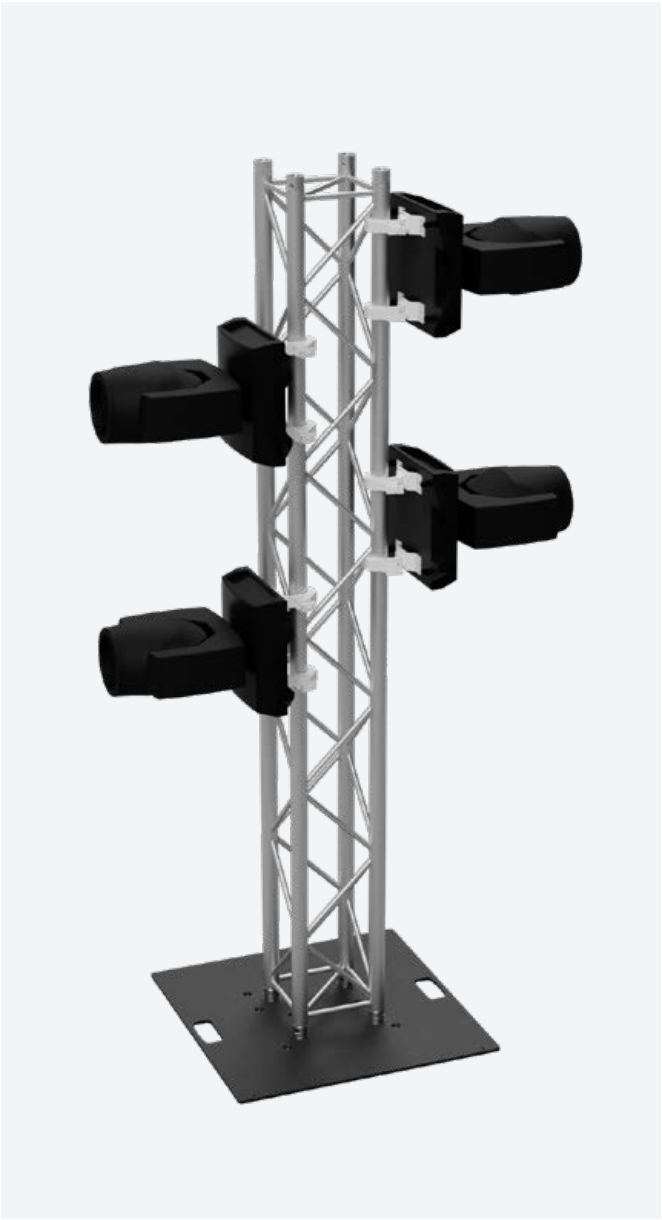
Square Baseplate

BASEPLATE NX/NH30-40 800X800 10MM

Technical specifications

Length	800 mm	Weight	49 kg
Width	800 mm	Coupling System	NC1
Thickness	10 mm	Material	Steel

Needs NC1-SCON-PLB to connect truss + countersunk head bolt



Round & Square Totemplates

Productcode	Description
NPLB-3040-D80B	BASEPLATE NX/H30/40 D=800 10MM BLACK 38kg
NPLB-3040-D80G	BASEPLATE NX/H30/40 D=800 10MM GALVANIZED 38kg
NPLB-3040-S80B	BASEPLATE NX/H30/40 800X800 10MM BLACK 49kg
PLB-3040-S80G	BASEPLATE NX/H30/40 800X800 10MM GALVANIZED 49kg
NC1-SCON-PLB	HALF CONNECTOR FOR BASE PLATE 30/40 M12

HANGING ADAPTERS (GIZMO'S)

With the NEXT Truss Hanging Adapter you can connect & rig three or four point trusses easily, the trusses can be connected with the couplers which can be positioned both on top and underneath the adapter bar. An eyenut acts as a hanging point for further rigging options.

Basic or Heavy Duty?

NEXT Truss offers two types of adapters, a basic and a heavy duty version, the basic version can take loads up to 750 kg, where the heavy duty hanging adapter has a WLL of 1.500 kg.

Both hanging adapters are equiped with an eye nut and doughty couplers. The basic hanging adapter is a hollow steel beam which is equipped with two Doughty slimline couplers and an eye nut. There are two versions available, one is for the 30er series, the other for the 40er series.

The heavy duty hanging adapter is equipped with an eye nut that is fixated in the solid aluminium bar that can rotate free when it is not under load.

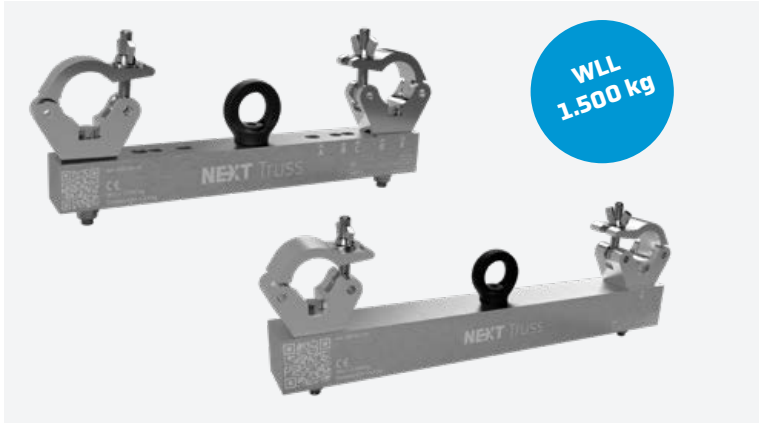
The heavy duty hanging Adapter for multi purpose truss is multifunctional and designed to fit several truss systems. The aluminium beam has pre-drilled positions to mount two Couplers which are factory attached. The heavy duty hanging adapters are available in a anodized aluminum or black color.

Basic Hanging Adapter

Hanging Adapters

Productcode	Description
NXA-30-LB	Lifting bracket 30er series WLL 750kg Basic Version
NXA-40-LB	Lifting bracket 40er series *WLL 750kg Basic Version*

Heavy Duty Hanging Adapter



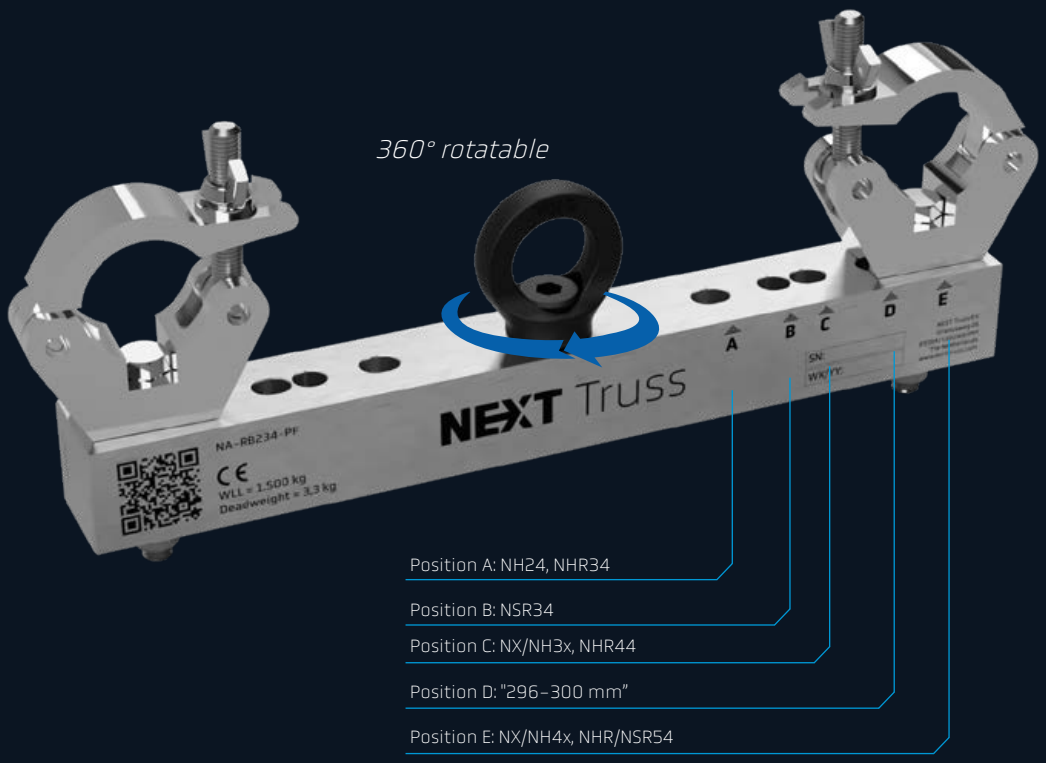
Hanging Adapters

Productcode	Description
NA-RB234-PF	Alu Hang/Lifting Bar WLL 1,5t for truss *NH24, NX/NH3x,4x & NHR34,44,54, NSR34, NSR54*
NA-RB234B-PF	Black Hang/Lifting Bar WLL 1,5t for truss *NH24, NX/NH3x,4x & NHR34,44,54, NSR34, NSR54*
NA-RB500-PF	Alu Hang/Lifting Bar 1,5t for NS54
NA-RB500B-PF	Black Hang/Lifting Bar 1,5t for NS54

Heavy Duty Hanging Adapter Explained

The NA-RB234(B)-PF is a so-called hanging adapter (Gizmo). It is designed to connect trusses via a shackle to a steel, chain, or chain hoist. It is designed for use with a broad range of our products: NH24, NSR34, NX/NH3x,NHR44, 296-300 mm product, NX/NH4X, NHR/NSR54.
For the NS54 truss you can use the NA-RB500(B)-PF

The construction consists out of a solid aluminum square bar with half couplers and a special eyebolt/lifting eye which can rotate 360 degrees. The half couplers can be repositioned to match the right position for the truss that needs to be connected.
The WLL of the product is 1.500 kg, and 750 kg with DGUV Vorschrift 17/18 (BGV C1).

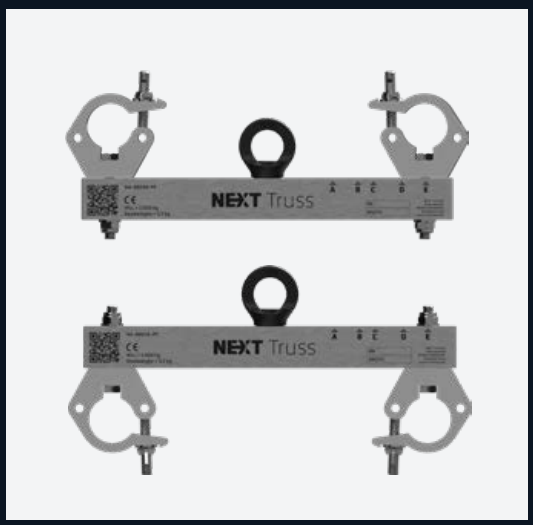


Assembly and operating instructions

The product is delivered as shown above, If required, the half couplers can be reversed to perform the usage following the example on the right. All detachable connections must be checked and secured against self-loosening.

To change between the variants the truss half couplers need to be rotated to the other side, loosen the self-locking nuts M12, remove the bolts, and re-install the half couplers to the opposite side of the square profile.

The eyebolt can't be removed or replaced, it is fixated in its position.



CLAMPS & COUPLERS

Connectors to mount truss to tubes, fixtures to trusses, or hang load on a truss/tube. NEXT Truss introduced a standard line of couplers with half couplers, swivel couplers, and a small selection of special couplers that are frequently used.

HALFCOUPLERS 100/200 kg

For different tube and in different widths

Special for light weight applications such as decoration. This clamp has a slotted base for a nut or bolt, allowing users to create attachments suitable for their own unique requirements. Manufactured from high strength aluminum extrusion, available in black or polished aluminum.

Specifications

Productcode	WLL	For Tube	Width	Bolt Size	Color	Various
NCL-HC1005030	100 kg	50 mm	30 mm	M10	Aluminium	
NCL-HC1005030B	100 kg	50 mm	30 mm	M10	Black	
NCL-HC1005030W	100 kg	50 mm	30 mm	M10	Aluminium	Big wingnut
NCL-HC1005030WB	100 kg	50 mm	30 mm	M10	Black	Big wingnut
NCL-HC2005030	200 kg	50 mm	30 mm	M10	Aluminium	
NCL-HC2005030B	200 kg	50 mm	30 mm	M10	Black	

HALFCOUPLERS 500/750 kg

For different tube and in different widths

The Half Coupler is the Basis of our clamps & coupler range. This clamp has a slotted base for a nut or bolt, allowing users to create attachments suitable for their own unique requirements. Manufactured from high strength aluminum extrusion, available in black or polished aluminum.

Specifications

Productcode	WLL	For Tube	Width	Bolt Size	Color	Various
NCL-HC5005050	500 kg	50 mm	50 mm	M12	Aluminium	
NCL-HC5005050B	500 kg	50 mm	50 mm	M12	Black	
NCL-HC7505050	750 kg	50 mm	50 mm	M12	Aluminium	
NCL-HC7505050B	750 kg	50 mm	50 mm	M12	Black	
NCL-HC7506050	750 kg	60 mm	50 mm	M12	Aluminium	
NCL-HC7506050B	750 kg	60 mm	50 mm	M12	Black	

CLAMPS & COUPLERS

Connectors to mount truss to tubes, fixtures to trusses, or hang load on a truss/tube. NEXT Truss introduced a standard line of couplers with half couplers, swivel couplers, and a small selection of special couplers that are frequently used.

SWIVELCOUPLERS

For different tube and in different widths

From 100kg up to 750 kg, in different widths. For every use the perfect swivel coupler. Swivel coupler are connecting tubes from 50mm. They are 360° rotatable, and are TÜV approved.

Specifications

Productcode	WLL	For Tube	Width	Bolt Size	Color	Various
NCL-SC1005030	100 kg	50 mm	30 mm	M10	Aluminium	Rotatable
NCL-SC1005030B	100 kg	50 mm	30 mm	M10	Black	Rotatable
NCL-SC2005030	200 kg	50 mm	30 mm	M10	Aluminium	Rotatable
NCL-SC2005030B	200 kg	50 mm	30 mm	M10	Black	Rotatable
NCL-SC5005050	500 kg	50 mm	50 mm	M10	Aluminium	Rotatable
NCL-SC5005050B	500 kg	50 mm	50 mm	M10	Black	Rotatable
NCL-SC7505050	750 kg	50 mm	50 mm	M10	Aluminium	Rotatable
NCL-SC7505050B	750 kg	50 mm	50 mm	M10	Black	Rotatable

SPECIAL COUPLERS

For different tube and in different widths

The Half Coupler is the Basis of our clamps & coupler range. This clamp has a slotted base for a nut or bolt, allowing users to create attachments suitable for their own unique requirements. Manufactured from high strength aluminum extrusion, available in black or polished aluminum.

Specifications

Productcode	WLL	For Tube	Width	Bolt Size	Color	Type
Special Half Couplers						
NCL-HCR2005050	200 kg	50 mm	50 mm	M12	Aluminium	With ring
NCL-HCR2005050B	200 kg	50 mm	50 mm	M12	Black	With ring
NCL-HCSE5005050	500 kg	50 mm	50 mm	M12	Aluminium	Side entry
Quick Multi Clamp						
NCL-QMC2505030	250 kg	50 mm	30 mm	M12	Aluminium	Quick Multi Clamp
NCL-QMC2505030B	250 kg	50 mm	30 mm	M12	Black	Quick Multi Clamp
Multi Clamp						
NCL-MC2505030	250 kg	60 mm	30 mm	M12	Aluminium	Multi Clamp
NCL-MC2505030B	250 kg	60 mm	30 mm	M12	Black	Multi Clamp

Tower Systems

NEXT Towers

NEXT Towers introduction

The NEXT Truss towers are carefully composed, designed, and engineered. The tower is versatile in use, for example, multiple types of tower truss can be connected to one type of base. Depending on the tower, multiple type of trusses can be attached to the sleeve block. All tower systems offer flexibility and with only a couple of additional parts you can start building tower system with your standard truss.

At NEXT Truss we carry two different tower systems, Each tower has its specifications and can be combined with various types of truss in different ways. Our towers can be used stand-alone, as a ground support system (grid), or in a roof system. There are multiple options to use towers, and the possibilities are almost endless.

NEXT Towers Matrix

Applicable truss (for grid/span)	NX/NH34 Square Truss	NX/NH44 Square Truss	NS54 Square Truss	NBR104 Rectangular Truss
Tower system				
NT30 Tower (based on NH34 Truss)	✓	✓		
NT40 Tower (based on NST44 Tower Truss)			✓	✓
NT50 Tower (based on NBT54 Tower Truss)				✓

The principle of a NEXT Tower

Base section & Outriggers

In many cases, the bottom of the truss tower exists out of a base section. Long or short outriggers together with the steel base sections provide a solid foundation. The leveling function in the outriggers allows the base section to be adjusted so that it stands firmly on the ground. The base section is made out of steel and is powder-coated black.

Starting Truss

First of all, a starting truss is used, this is a small piece of the tower truss on which hinge sets are mounted. This makes it easy and safe to erect the tower.

Tower Truss (mast section)

The safety and good production technique of ground support systems are important and cannot be overemphasized. Width, height, and several other variables such as wind need to be taken into account when building a tower truss system. Playing a major role in the design is the required load to be suspended in the system.

Stabilizers

Stabilizers provide additional stability at the base, it helps with lateral loads that are created by for example wind.

Sleeve block

Attaching to the main truss and sliding over the tower truss is the sleeve block. Sleeve blocks are manufactured in different sizes and variations to accommodate the correct tower and main span truss. Internal wheelsets in the sleeve block allow easy movement around the tower truss.
The sleeve block is a constructed part that is usually equal to or greater than the strength of both the tower truss and the main span of the truss. Sometimes the sleeve block also contains the hoisting point.

The top part

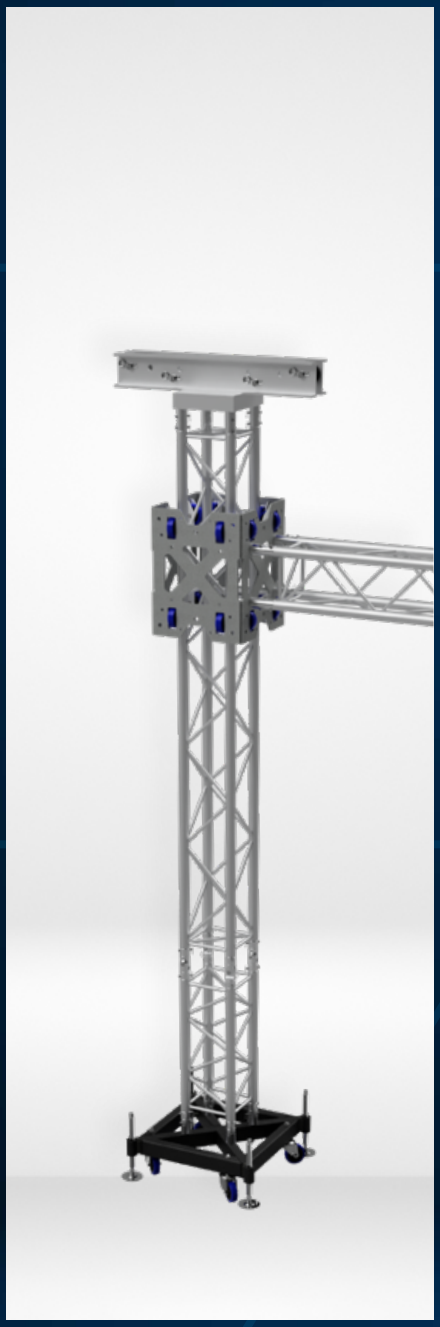
The top part sits on top of the tower truss and includes rotating sheaves that allow the chain from the chain hoist to run smoothly over the top of the tower when raising the structure.

Three towers

endless possibilities

All towers that are available can be used in combination with standard NEXT Truss elements, in combination with a few special components, a tower system can be assembled very quickly. Our tower systemss offer maximum flexibility, they can be used in a groud support, roof system or an LED Bridge.

The tower systems can be used both indoor and in outdoor situations. Next to the regular tower systems NEXT also offers PA/Rigging towers.



NT-TOWER30

NT-TOWER40

NT-TOWER50

Deadhanging made dead easy

It is well known to many that deadhanging a tower system can be a complicated job. Do I have the right chain set? Is the length right? Where should I tighten it? NEXT Truss has implemented the ultimate solution to this problem in the NT30 tower system; Deadhanging by means of a fixation pin.

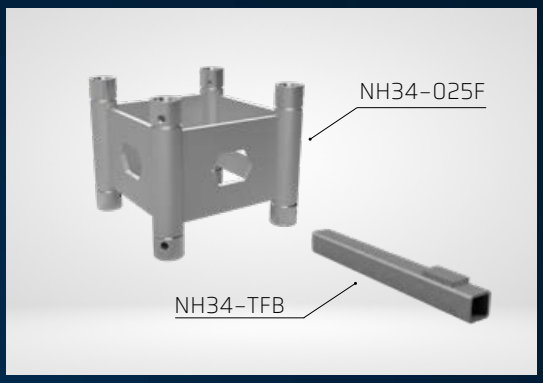
How does it work?

Our NT30 Tower is equipped with a special deadhanging system. this consists of 3 notable parts; a fixation truss part, a fixation pin/bar and a locking moustache.

When the rig is lifted to user height in a ground support the rig the must be secured to the tower to gain the ultimate load. This can be done with a dead hang connection suspended from the top section using a cable or a variable chain set. The dead hang chain set or cable is attached to top section and to the sleeve block.

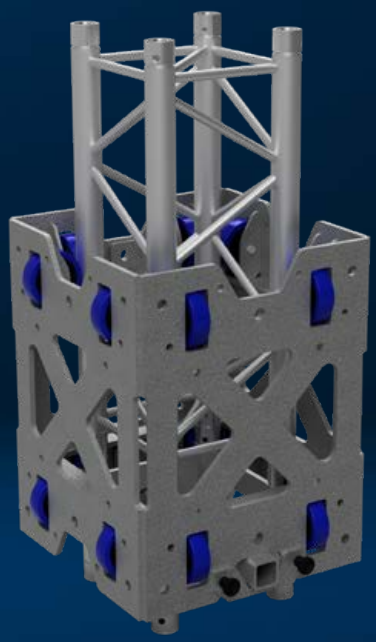
Another way of securing the rig to the tower is to use a fixation bar, to use this solution a special truss part need to be added in the upper side of the tower. To avoid lifting (in roof constructions with covering) locking parts must be added to sleeve block. The part is called "locking moustache". Depending on the position of the chain hoist the upper part of the ground support tower must be configurated.

The tower fixation is optional and can only be used when the tower bases are all in the same level.



Fixation Truss & Bar

Locking Moustache



NT30 Tower System

NT30 TOWER SYSTEM

The NT30 Tower system is a versatile tower system based on the NH34 truss. The NT30 Tower can be equipped with a sleeve block that can create a main rig with both NX/NH34 and NX/NH44 trusses.

This steel sleeve block can be equipped with male or female coupling parts on four sides. The base can be equipped with short or long outriggers and the top section is suitable for both motor hoists and manual hoists.

By default, the NT30 tower comes with a BASE-01 base section. But when a structure is built at high heights, covered or outside we recommend the use of the stronger BASE-02.
All this together makes the NT30 Tower system cost-efficient and versatile in use.

Technical specifications

Max. Height	8.00 m*	26 ft
Max. Loading capacity	1.000 kg*	2.200 lbs*
Type of mast sections	NX/NH34 Truss	
Connection system	NC1	
Available sleeve blocks	NH34 & NH44/	

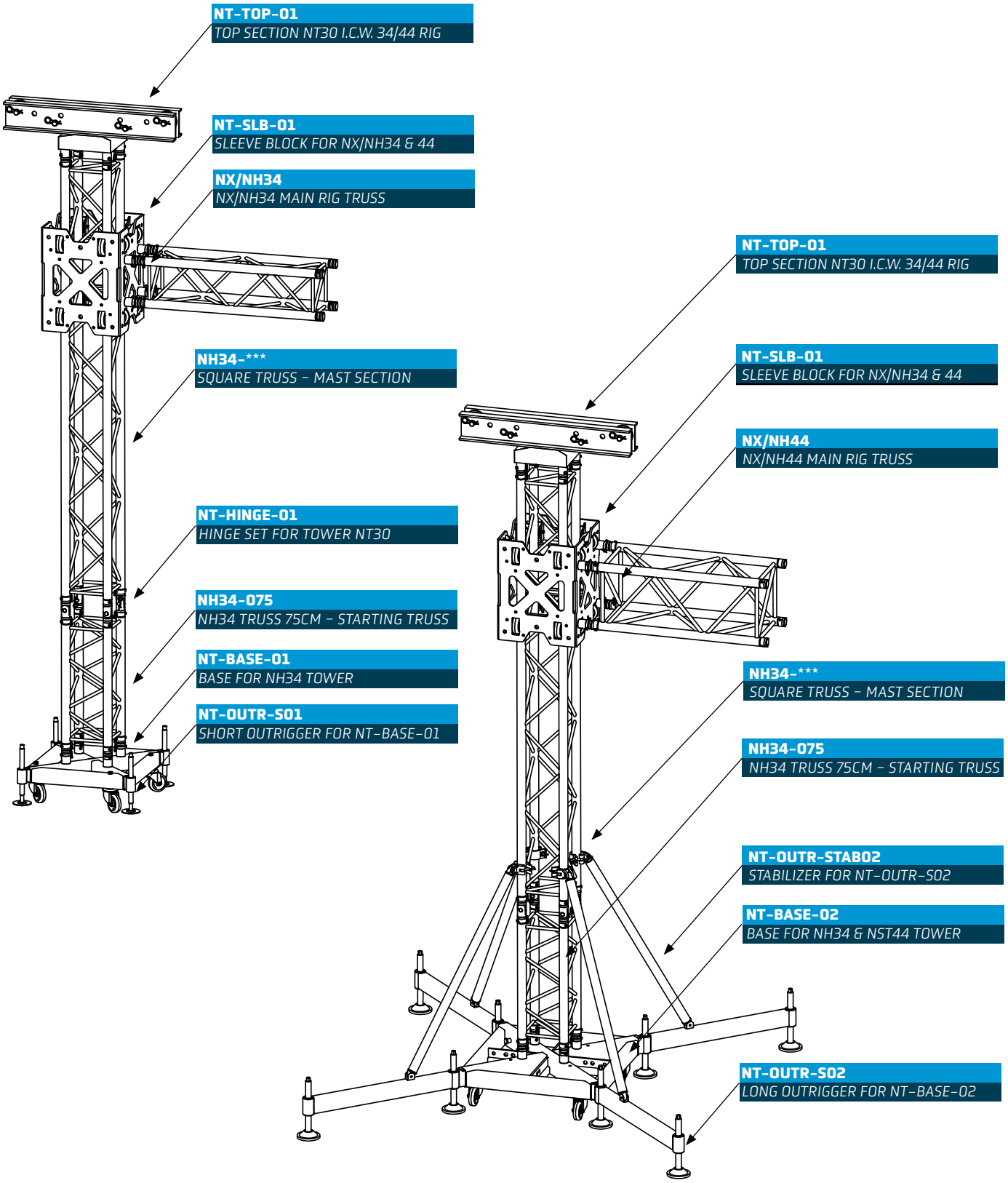
** Before loading the system you should always have to calculate and determine what the maximum load is. Tower heights and sizes of the structure influence the total loading capacity.*

THE ESSENTIALS

- Versatile system (can be used for 34 & 44 rigs)
- Steel sleeve block provides a solid connection.
- Multifunctional for use with manual and motorized hoists
- Up to 8 meters*

NT30 Tower System explained

Assembling a tower is not a daily activity for everyone, that is why we have made an overview below of all the parts in a tower and on which position they are located. Down below we have pictured two towers, one with long outriggers and one with short outriggers.



NT30 Tower Parts

NT-BASE-00

Base section for NX/NH34 Truss

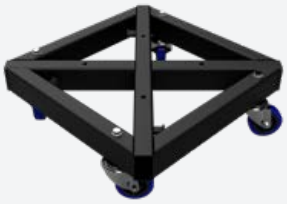
The spindle base is designed for use in small structures & roofs. It has a small footprint and can be easily concealed, which comes in handy in the exhibition, decoration and retail industry. Suitable for NX/NH34 truss, the base is equipped with two cable attachments. Can not be used stand alone. (spindle not included)

Specifications

Productcode	Height	Width	Weight	Coupling System	Material
NT-BASE-00	410 mm	407 mm	5 kg	NC1	Aluminium

* Excluding steel spindles (NA-FP-VAR01)

NT-BASE-01



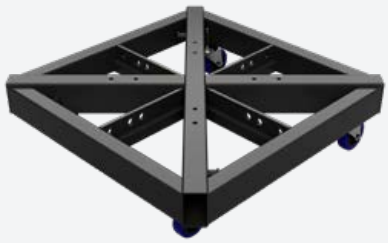
Base section steel for NT-TOWER 30 & 40 (excl. fem receiver)

The NT-BASE-01 is our standard steel base, for use with an NH34 tower. It can be used with either short or long outriggers, depending on the tower configuration. The base is equipped with 4 rotatable wheels, pre-drilled holes are available for mounting NC1-BOB75 receivers, which provide connection to the tower truss.

Specifications

Productcode	Height	Width	Depth	Coupling System	Material
NT-BASE-01	208 mm	628 mm	628 mm	NC1-BOB75 (not included)	Powdercoated Steel

NT-BASE-02



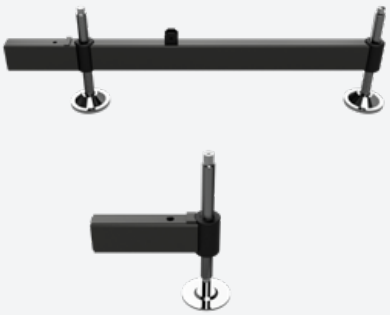
Reinforced Base section steel for NT-TOWER 30 & 40 (excl. fem receiver)

Our reinforced NT-BASE-02 is the recomended steel base for outdoor, covered or high height constructions on 30 & 40 cm towers. It can be used with either short or long outriggers, depending on the tower configuration. The base is equipped with 4 wheels that can rotate 360 degrees and pre-drilled holes are available for mounting NC1-BOB75 receivers, which ensures a strong connection with the tower truss. Equiped with cable attachments for cross wiring in roofs & constructions.

Specifications

Productcode	Height	Width	Depth	Coupling System	Material
NT-BASE-02	228 mm	793 mm	793 mm	NC1-BOB75 (not included)	Powdercoated Steel

OUTRIGGERS



Short & Long Outriggers for NT-BASE-01/02

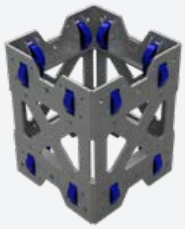
The base should not bear the weight on the wheels, therefore long or short outriggers should always be used. The outriggers are held in place in the base by a safety pin. Use long outriggers always in combination with stabilizers.

Specifications

Productcode	Height	Width	Depth	Meant for	Material
NT-OUTR-S01	330 mm	273 mm	100 mm	NT-BASE-01	Powdercoated Steel
NT-OUTR-L01	330 mm	1173 mm	100 mm	NT-BASE-01	Powdercoated Steel
NT-OUTR-S02	345 mm	307 mm	125 mm	NT-BASE-02	Powdercoated Steel
NT-OUTR-L02	345 mm	1207 mm	125 mm	NT-BASE-02	Powdercoated Steel

NT30 Tower Parts

Sleeve block



Steel sleeve block for NT30 Tower to connect 34/44 truss as rig

A versatile sleeve block is available for the NT30 tower, the fully welded sleeve block is designed to be used for both the 34 and 44 truss series as main rig.
In the sleeve block several pre drilled holes are available to facilitate for dead-hanging and to connect guy wiring. Rubber wheels provide a smooth rise.

Specifications

Productcode	Height	Width*	Depth*	Coupling System	Material
NT-SLB-01	580 mm	487 mm	487 mm	NC1/M12	Galvanized steel

* working size is 450 x 450 mm, available connections: NC1-SCON25, NC1-BOB75

TOP SECTION

Top section combi for NH30 Tower

Just like the sleeve block the top section is also versatile, it can be used for manual chain hoists but also powered motor hoists.
In addition, the top section is equipped with 2 additional pins which can be used for dead hanging the structure.

Specifications

Productcode	Description	Height	Width	Depth	Material
NT-TOP-01	Top section for NH30 Tower	280 mm	970 mm	297 mm	Aluminium
NT-DH3-S	Chainset for deadhanging				Steel

STABILIZERS

Stabilizers for NT-OUTR-L01

To create a stable base the stabilizers can be connected to the tower truss and the long outrigger.

Specifications

Productcode	Height	Width	Depth	i.c. with	Material
NT-OUTR-STAB01	105 mm	1385 mm	50 mm	NH34 Tower	Aluminium
NT-OUTR-STAB02	105 mm	1035 mm	50 mm	NST44 Tower	Aluminium

HINGE SET

Hinge set for NT30 Tower

Complete Hinge sets are available to create an easy connection and rise of the tower truss. The hinge sets are mounted on the starting truss, then the pre-assembled tower truss can be connected to it so that it can be pushed or pulled up easily and safely.

Specifications

Productcode	Height	Width	Depth	Coupling System	Material
NT-HINGE-01	168 mm	48 mm	62 mm	NC1	Aluminium

NT40 Tower System

NT40 TOWER SYSTEM

The NT40 Tower system is an excellent system to allow safe & quick lifting of NS54 or NBR104 rigs. The NT40 Tower is based on NST44 Truss which has 50x4 main tubes and 25x3 mm bracing, these mast sections are equipped with horizontal bracing on one side for easy climbing of the towers.

The NT40 Tower is suitable for both NS54 and NBR104 sleeve blocks. Both sleeve blocks are based on a corner block without bracing on the top and bottom, instead of this sleeve plates are mounted on top and bottom. In these sleeve plates wheels are mounted for sliding the block over the mast sections. In addition, holes are provided for the dead hanging of the construction. The base can be equipped with short or long outriggers, and the top section is suitable for motor hoists.

Technical specifications

Max. Height	16.00 m*	52 ft
Max. Loading capacity	2.000 kg*	4.400 lbs*
Type of mast sections	NST44 Truss	
Connection system	NC1	
Available sleeve blocks	NS54 & NBR104	

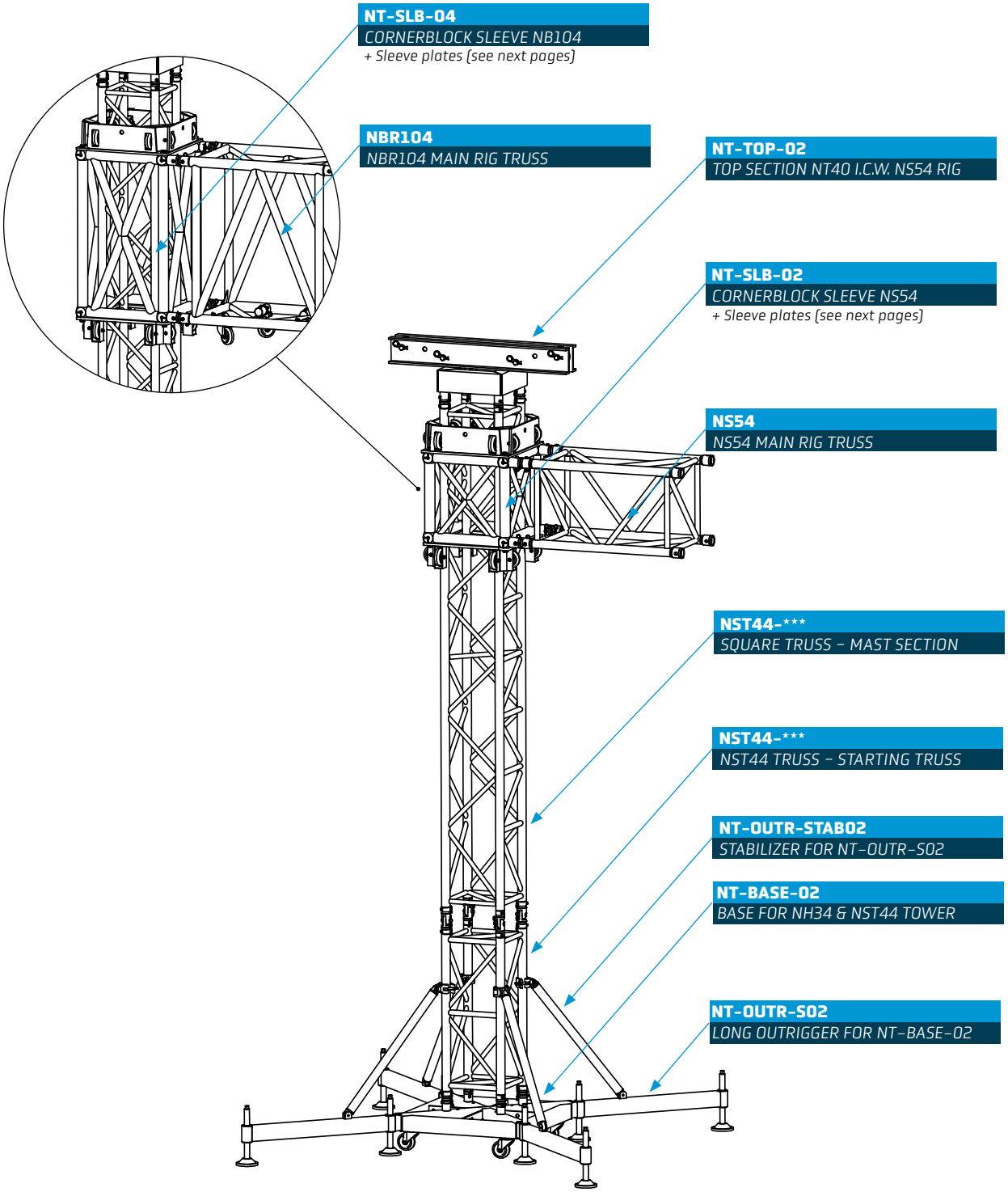
** Before loading the system you should always have to calculate and determine what the maximum load is. Tower heights and sizes of the structure influence the total loading capacity.*

THE ESSENTIALS

- Can be used for NS54 and NBR104 truss rigs
- Multifunctional for use with manual and motorized hoists
- Up to 16 meters*

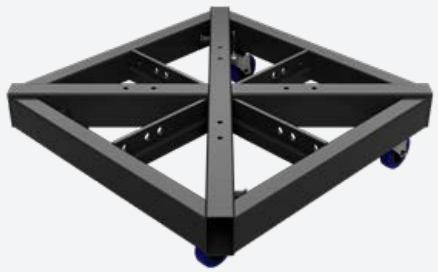
NT40 Tower System explained

Assembling a tower is not a daily activity for everyone, that is why we have made an overview below of all the parts in a tower and on which position they are located. Down below we have pictured two towers, one with long outriggers and one with short outriggers.



NT40 Tower Parts

NT-BASE-02



Reinforced Base section steel for NT-TOWER 30 & 40 (excl. fem receiver)

Our reinforced NT-BASE-02 is the recomended steel base for outdoor, covered or high height constructions on 30 & 40 cm towers. It can be used with either short or long outriggers, depending on the tower configuration. The base is equipped with 4 wheels that can rotate 360 degrees and pre-drilled holes are available for mounting NC1-BOB75 receivers, which ensures a strong connection with the tower truss.

Specifications

Productcode	Height	Width	Depth	Coupling System	Material
NT-BASE-02	228 mm	793 mm	793 mm	NC1-BOB75 (not included)	Powdercoated Steel

OUTRIGGERS

Short & Long Outriggers for NT-BASE-01/02

The base should not bear the weight on the wheels, therefore long or short outriggers should always be used.
The outriggers are held in place in the base by a safety pin.
Use long outriggers always in combination with stabilizers.

Specifications

Productcode	Height	Width	Depth	Meant for	Material
NT-OUTR-S02	345 mm	307 mm	125 mm	NT-BASE-02	Powdercoated Steel
NT-OUTR-L02	345 mm	1207 mm	125 mm	NT-BASE-02	Powdercoated Steel

STABILIZERS

Stabilizers for NT-OUTR-L02

To create a stable base the stabilizers can be connected to the tower truss and the long outrigger.

Specifications

Productcode	Height	Width	Depth	i.c. with	Material
NT-OUTR-STAB02	105 mm	1035 mm	50 mm	NST44 Tower	Aluminium

HINGE SET

Hinge set for NST44 Tower

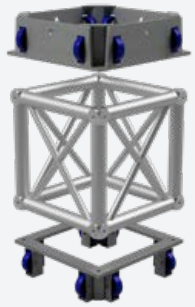
Complete Hinge sets are available to create an easy connection and rise of the tower truss. The hinge sets are mounted on the starting truss, then the pre-assembled tower truss can be connected to it so that it can be pushed or pulled up easily and safely.

Specifications

Productcode	Height	Width	Weight	Coupling System	Material
NT-HINGE-01	168 mm	48 mm	62 mm	NC1	Aluminium

NT40 Tower Parts

Sleeve block NS54



Sleeve block for NST44 Tower to connect NS54 truss as rig

For the NS54 Square Truss a standard sleeve block is available to create your main rig on the NT40 Tower. Two sleeve plates are mounted on top and on the bottom af an aluminium cornerblock, In the sleeve plates several pre drilled holes are available to facilitate for dead-hanging and to connect guy wiring. The high quality rubber wheels provide a smooth rise over the tower truss.

Specifications

Productcode	Description	Height	Width	Depth	Material
NT-SLB-02	Cornerblock sleeve	529 mm	529 mm	529 mm	Aluminium
NT-SLB-02-PL	Sleeve plate	150 mm	559 mm	559 mm	Aluminium
NT-SLB-02-UPL	Upper sleeve plate	168 mm	559 mm	559 mm	Steel
	Total Size	847 mm	559 mm	559 mm	
	Total Size with NC2-BOB80*	927 mm	689 mm	689 mm	

**Size with connectors on both sides*

Sleeve block NBR104

Sleeve block for NST44 Tower to connect NBR104 truss as rig

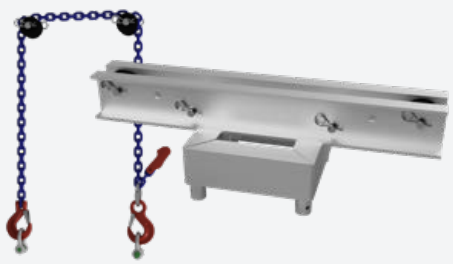
For the NBR104 Rectangular Truss a standard sleeve block is available to create your main rig on the NT40 Tower. Two sleeve plates are mounted on top and on the bottom af an aluminium cornerblock, In the sleeve plates several pre drilled holes are available to facilitate for dead-hanging and to connect guy wiring. The high quality rubber wheels provide a smooth rise over the tower truss.

Specifications

Productcode	Description	Height	Width	Depth	Material
NT-SLB-04	Cornerblock sleeve	1010 mm	580 mm	580 mm	Aluminium
NT-SLB-04-PL	Sleeve plate	145 mm	585 mm	585 mm	Aluminium
NT-SLB-04-UPL	Upper sleeve plate	168 mm	585 mm	585 mm	Steel
	Total Size	1323 mm	585 mm	585 mm	
	Total Size with NC2-BOB80*	1403 mm	740 mm	740 mm	

**Size with connectors on both sides*

TOP SECTION



Top section combi for NST44 Tower i.c.w. NS54 & NBR104 rig

For the NST44 Tower a special top section is available, this top section is suitable for both the NS54 and the NBR104 truss. It can be used with a powered motor hoist, and In addition, The top section can be equipped with 2 additional wheels for deadhanging, these are supplied with the chainset for dead hanging.

Specifications

Productcode	Description	Height	Width	Depth	Material
NT-TOP-02	Top for NT40 Tower	335 mm	1106 mm	404 mm	Aluminium
NT-DH4-D	Chainset for deadhanging				Steel

NT50 Tower System

NT50 TOWER SYSTEM

Designed for extreme heights and high loads is the NEXT Truss NT50 Tower system. In combination with the NBR104 it can make ground supports up to 20 meters* and handle over 5000kg* of load.

The NT50 tower system works with NBT54 truss, this is a 53x53 cm truss with a 60x5 mm main tube. On one side of the truss, horizontal bracing is added to facilitate easy and safe climbing.

The steel welded sleeve block can be equipped with NC2-SCON25 for an easy connection of the NBR104 truss lengths, the base can be equipped with short or long outriggers and the top section is designed for a motor hoist and provides options for dead hanging.

Technical specifications

Max. Height	20.00 m	65 ft
Max. Loading capacity	5.000 kg*	11.000 lbs*
Type of mast sections	NBT54 Truss	
Connection System	NC2	
Available sleeve blocks	NBR104	

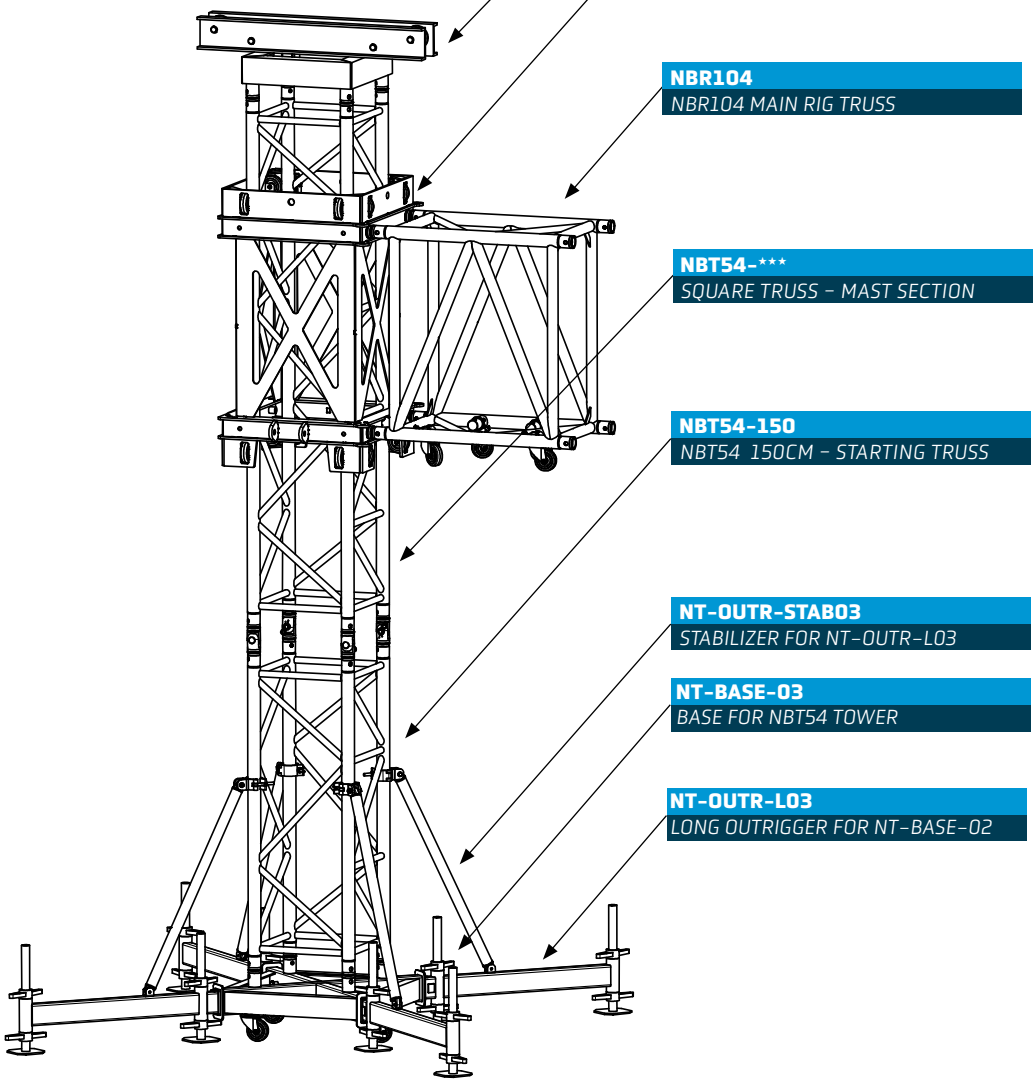
** Before loading the system you should always have to calculate and determine what the maximum load is. Tower heights and sizes of the structure influence the total loading capacity.*

THE ESSENTIALS

- High loading capacity
- Fully welded sleeve block gives an ultra strong connection
- Up to 20 meters

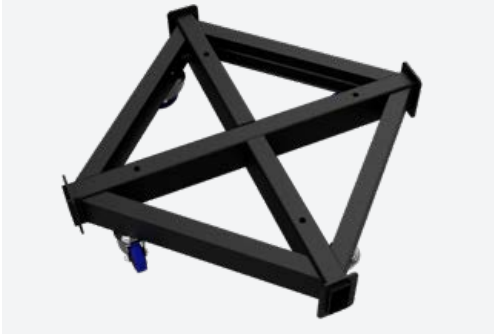
NT50 Tower System explained

Assembling a tower is not a daily activity for everyone, that is why we have made an overview below of all the parts in a tower and on which position they are located. Down below we have pictured two towers, one with long outriggers and one with short outriggers.



NT50 Tower Parts

NT-BASE-03



Heavy-Duty Base section steel for NT-TOWER 50 (excl. fem receiver)

For our most powerful tower, we developed a Heavy Duty base, the biggest base in our tower series is made out of steel and comes with long reinforced outriggers heavy-duty spindles. The NT50 base is prepared to be equipped with the correct receivers to ensure a strong connection with the NBT54 tower truss sections.

Specifications

Productcode	Height	Width	Depth	Coupling System	Material
NT-BASE-03	258 mm	819 mm	819 mm	NC2-BOB80 (not included)	Powdercoated Steel

OUTRIGGERS

Short & Long Outriggers for NT-BASE-03

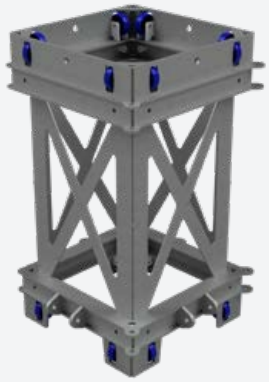
The base should not bear the weight on the wheels, therefore long or short outriggers should always be used. The outriggers are held in place in the base by a safety pin. Use long outriggers always in combination with stabilizers.

Specifications

Productcode	Height	Width	Depth	Meant for	Material
NT-OUTR-S03	160 mm	280 mm	60 mm	NT-BASE-03	Powdercoated Steel
NT-OUTR-L03	160 mm	1180 mm	60 mm	NT-BASE-03	Powdercoated Steel

* Size excluding steel spindles (NA-FP-VAR01)

Sleeve block NBR104



Steel Heavy-Duty sleeve block for NBT54 Tower to connect NBR104 truss as rig

The heavy-duty tower system needs a very strong sleeve block, that is why the sleeve block for the NBR104 is made completely out of steel. In this X shaped sleeve block on both bottom and top pre drilled holes are available to facilitate for dead-hanging and to connecting guy wiring. The high quality rubber wheels provide a smooth rise over the tower truss.

Specifications

Productcode	Description	Height	Width	Depth	Material
NT-SLB-04	Cornerblock Steel for NBR104	1308 mm	690 mm	690 mm	Steel
	Fitting/Working size	1308 mm	715mm	715 mm	
	Transport size with NC2-SCON25	1308 mm	845 mm	845 mm	

NT50 Tower Parts

TOP SECTION

Top section combi for NBT54 Tower i.c.w. NBR104 rig

The NT-TOP-03 is specially designed for the NT50 tower, it fits on top of the last part of the NBT54 mast sections. It can be used with a powered motor hoist (1 and 2 fall), and In addition, The top section can be equipped with 2 additional wheels for deadhanging, these are supplied with the chainset for dead hanging.

Specifications

Productcode	Description	Height	Width	Depth	Material
NT-TOP-03	Top for NT50 Tower	345 mm	1120 mm	549 mm	Aluminium
NT-DH5-D	Chainset for deadhanging				Steel

STABILIZERS

Stabilizers for NT-OUTR-L03

To create a stable base the stabilizers can be connected to the tower truss and the long outrigger.

Specifications

Productcode	Height	Width	Depth	i.c. with	Material
NT-OUTR-STAB03	110 mm	1234 mm	50 mm	NBT54 Tower	Aluminium

HINGE SET

Hinge set for NBT54 Tower

Complete hinge sets are available to create an easy connection and rise of the tower truss. The hinge sets are mounted on the starting truss, then the pre-assembled tower truss can be connected to it so that it can be pushed or pulled up easily and safely.

Specifications

Productcode	Height	Width	Depth	Coupling System	Material
NT-HINGE-02	225 mm	60 mm	67 mm	NC2	Aluminium

PA/Rigging Towers

NEXT PA/Rigging Towers introduction

NEXT Truss has introduced a range of innovative PA/Rigging towers designed to meet the demands of today's market. These modular towers are built with standard truss, making them both cost-efficient and affordable. Thanks to their unique design, these towers take up less space than traditional PA/Rigging towers, without compromising on their ability to carry a considerable working load for their maximum height and structural properties.

Available in heights ranging from 5 to 10 meters and maximum load capacities of 400 to 800 kg, these PA/Rigging towers are ideal for supporting sound systems and other rigging loads. With only a few special parts required, they offer a practical and versatile solution for a wide range of applications. Choose NEXT Truss for high-quality, reliable PA/Rigging towers that deliver exceptional performance and value.

NEXT PA/Rigging Towers Matrix

	Type Tower Truss	Maximum cantilever top part	Max. Height	Max. Load Capacity	Amount of ballast needed	Max. windsurface front	Max. windsurface side
NRT30-5 PA/ Rigging Tower	NH34	0,63 m.	5 m.	400 kg.	2x 100 kg.	2,5 m^2	1,25^{m2}
NRT30-6,5 PA/ Rigging Tower	NH34	0,63 m.	6,5 m.	400 kg.	2x 150 kg.	2,5 m^2	1,25^{m2}
NRT30-8 PA/ Rigging Tower **	NH34	1,2 m.	8 m.	800 kg.	2x1.300kg.*	5,0 m^2	2,5^{m2}
NRT40-10 PA/ Rigging Tower ***	NH44	1,2 m.	10 m.	1.000 kg.	3x1.000kg.	6,0 m^2	3^{m2}

**It is also possible to do 3x650kg on the sides and the backside, this does require additional ballast beams to be installed as these are not standard with the NRT30*
***Equipped with spancables from outriggers on the base to toppart*
****Equipped with spancables from outriggers on the base to special adapter piece at 8 meters*

The principle of a NEXT PA/Rigging Tower

Base section

When it comes to supporting your sound systems or other rigging loads. Our towers are constructed from high-quality base sections with interconnected outriggers and ballast girders, providing a sturdy foundation for your rigging needs. The base girders come separate to provide maximum open space for lifting PA. The girders need to be inserted. Heavy-duty spindles stabilize the base section, while a hinge connection makes for easy tower section assembly. All parts are detachable to assure very small transport and storage space needed.
The base for NTR30 is same as for NTR40. The base for NTR40 need more girders which can be ordered separately.

Package / Transportation

The Next PA / Rigging Towers are specially designed to have minimal transport space. The base, outriggers and ballast beams are detachable. Each NTR30 and NTR40 Tower fit in a case or on a dollie of maximum 2,8m x 1,2m which is cost and space efficient.

Tower & top

The tower sections are constructed from standard NH34 or NH44 truss sections, with hinge parts for attachment to the base section. For the NRT-40 tower, a special adapter piece is added into the tower to accommodate tension cables. The mulitfunctional top part of the tower features special pulley sections to guide the motor hoist chain during lifting and has 2 cantilever points (0,63m and 1,2m)

Ballast

Ballast is placed on the sides and back of the extended base section, creating a clear working area at the front and allowing sufficient space for subwoofers. Whether you're setting up for a concert or an outdoor event, our PA/Rigging towers deliver exceptional performance and reliability. Choose NEXT Truss for your rigging needs and experience the difference in quality and functionality. NEXT Truss PA / Rigging Towers have been designed by experts solving your work challenges.

NRT30 Rigging Tower

NRT30 RIGGING TOWER

The NRT30 is designed to fly for small to medium sizes PA Line Array systems, this PA/Rigging tower is made out of standard Truss elements and a small number of special parts. The PA can be lifted up to a height of approx. 8 m with the help of an electric chain hoist.

The base of the system is made from a special rigging tower frame that is extended with outriggers and a ballast frame. The outriggers are equipped with extendable spindles to level the construction.

The tower consists of standard truss lengths and a special top part with a cantilever that ensures proper positioning of the PA system. After connecting these elements the tower can be connected to the base with hinges, and the chain of the hoist can be put in. After this, the tower can be erected.

Technical specifications

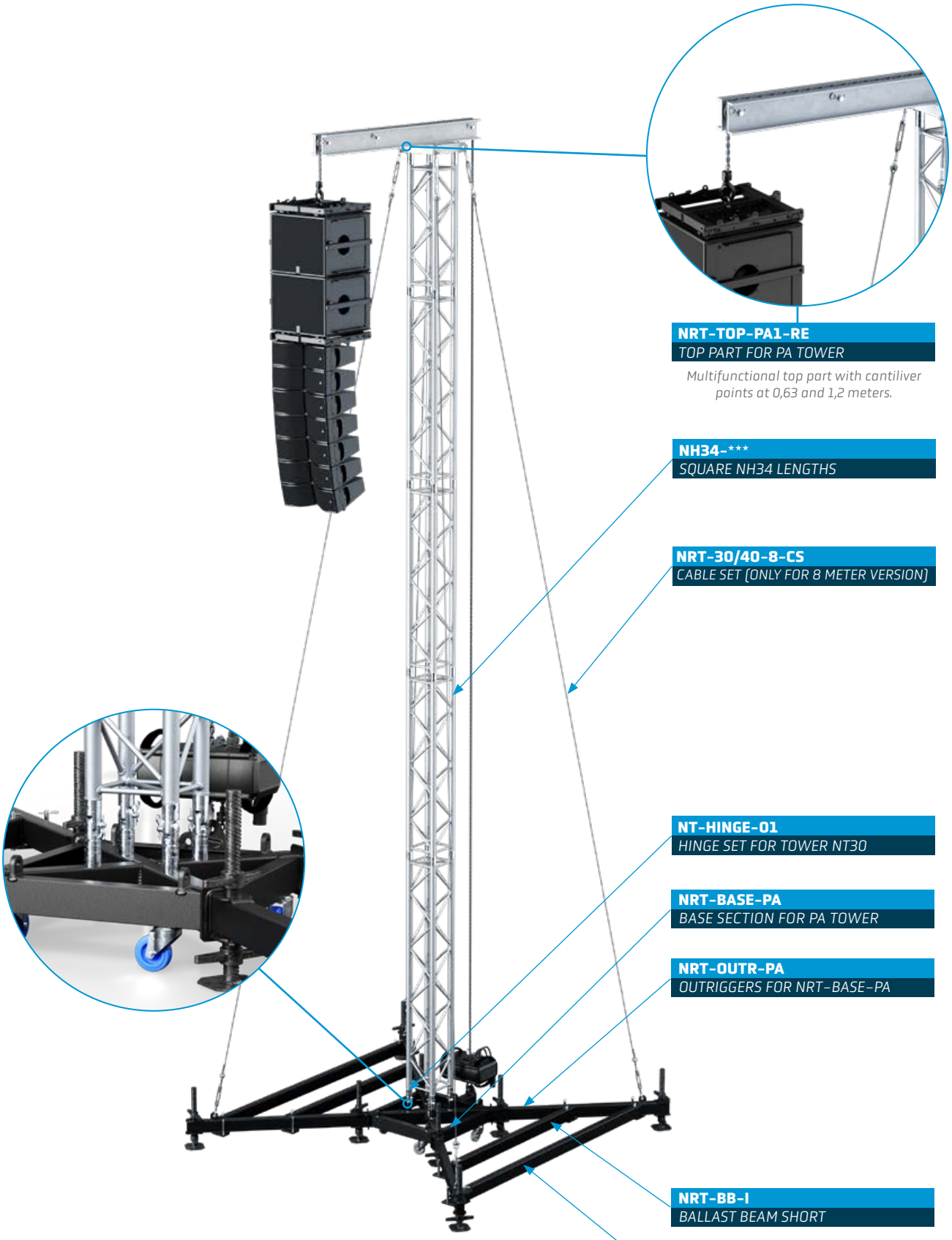
Max. Height	8.00 m	20 ft
Max. Loading capacity	400/800 kg*	880/1.750 lbs*
Footprint Width	2,8 m	9,2 ft
Footprint Depth	2,8 m	9,2 ft
Type of mast sections	NH34 Truss	

**Depending on wind surface and ballast*

THE ESSENTIALS

- Use as a delay tower or main audio rigging tower
- Small footprint with sufficient space for build-up and subwoofers between the legs
- Uses standard NH34 Truss
- Static report included
- Built different heights with 1 system
- Building under 5 meters is possible (free of the German Baubuch)
- Up to 6.5 meters no cable set required
- Minimal transport space as base, outriggers and ballast beams are detachable.

NRT30 Rigging Tower explained



NRT-TOP-PA1-RE
TOP PART FOR PA TOWER

Multifunctional top part with cantiliver points at 0,63 and 1,2 meters.

NH34-***
SQUARE NH34 LENGTHS

NRT-30/40-8-CS
CABLE SET (ONLY FOR 8 METER VERSION)

NT-HINGE-01
HINGE SET FOR TOWER NT30

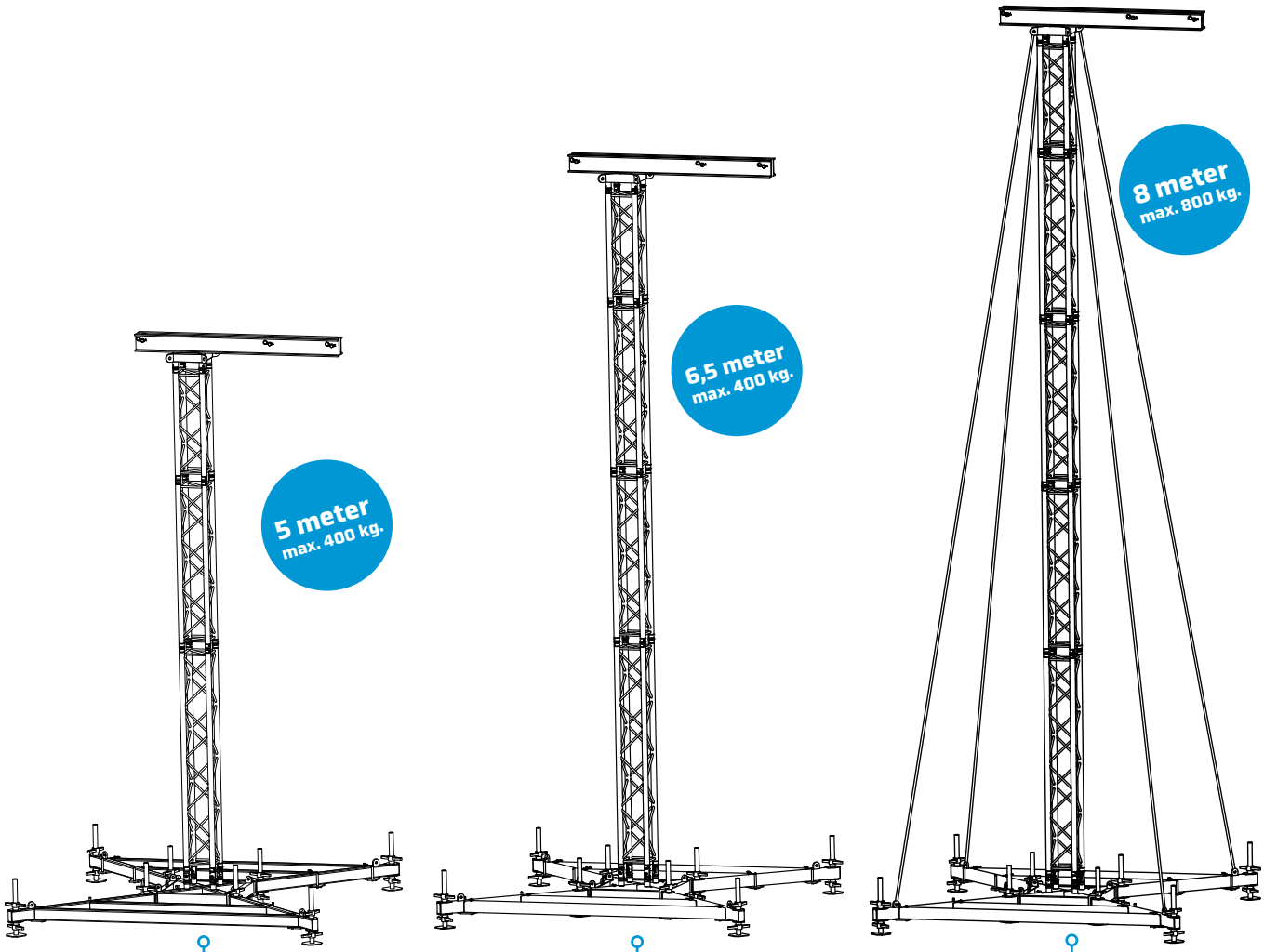
NRT-BASE-PA
BASE SECTION FOR PA TOWER

NRT-OUTR-PA
OUTRIGGERS FOR NRT-BASE-PA

NRT-BB-I
BALLAST BEAM SHORT

NRT-BB-O
BALLAST BEAM LONG

NRT30 Rigging Tower sizes



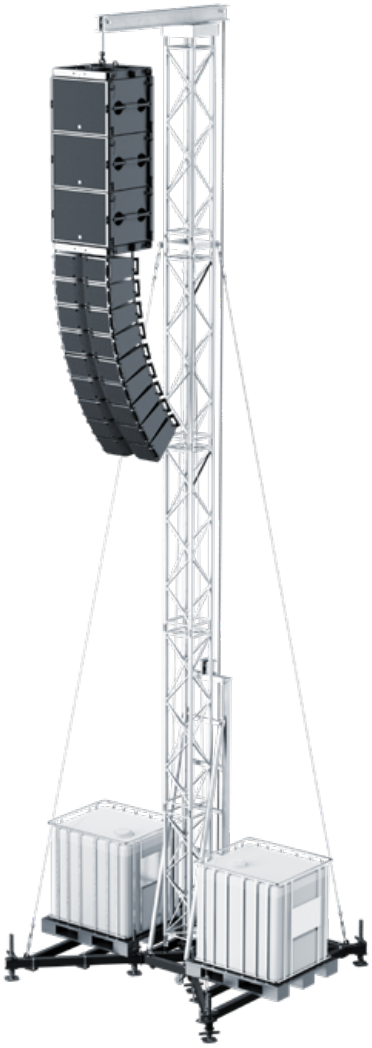
NRT30-5	
Max. Height	5 meter
Max. Cantilever top part	0,63 meter
Tower Truss	NH34
Max. Loading Capacity	400 kg.
Required ballast	2x100 kg.
Max. windsurface front	2,5^{m2}
Max. windsurface side	1,25^{m2}
Spancables	Not required

NRT30-6,5	
Max. Height	6,5 meter
Max. Cantilever top part	0,63 meter
Tower Truss	NH34
Max. Loading Capacity	400 kg.
Required ballast	2x150 kg.
Max. windsurface front	2,5^{m2}
Max. windsurface side	1,25^{m2}
Spancables	Not required

NRT30-8	
Max. Height	8 meter
Max. Cantilever top part	1,2 meter
Tower Truss	NH34
Max. Loading Capacity	800 kg.
Required ballast	2x1300 kg.
Max. windsurface front	5^{m2}
Max. windsurface side	2,5^{m2}
Spancables	Required*

The 5 meter tower is built with NH34-200, NH34-150, and NH34-100. To make 6,5 & 8 meter towers add one or two pieces of NH34-150
**Equipped with spancables from outriggers on the base to toppart*

NRT40 Rigging Tower



NRT40 RIGGING TOWER

Designed to fly medium to large PA Line Array systems. The NRT40 tower is made out of standard NH44 Truss elements and a small number of special parts. The PA can be lifted at a height of approx. 10 m with the help of an electric chain hoist.

The base of the system is made from a special rigging tower frame that is extended with outriggers and a ballast frame. The outriggers are equipped with extendable spindles to level the construction.

The tower consists of standard truss lengths, and a special top part with a cantilever that ensures proper positioning of the PA system. After connecting these elements the tower can be connected to the base with hinges, and the chain of the hoist can be put in. After this, the tower can be erected. A special adapter is added in the tower for spancable attachment.

Technical specifications

Max. Height	10.00 m	26 ft
Max. Loading capacity	1.000 kg*	1.750 lbs*
Footprint Width	2,8 m	9.2 ft
Footprint Depth	2,8 m	9.2 ft
Max. Windsurface front	6 m²	64 sqft
Max. Windsurface side	2,5 m²	27 sqft
Type of mast sections	NH44 Truss	

** Depending on wind surface and ballast*

THE ESSENTIALS

- Use as a delay tower or main audio rigging tower
- Uses standard NH44 Truss
- Static report included
- Small footprint with sufficient space for build-up and subwoofers between the legs
- Minimal transport space as base, outriggers and ballast beams are detachable.

NRT40 Rigging Tower explained

NRT-TOP-PA1-RE
TOP PART FOR PA TOWER
Top section with double wheel set (rigging with 2 hoists to determine angle P.A.)

NH44-CAP
ADAPTERPART WITH CABLE ATT.

NH44-***
SQUARE TRUSS LENGTHS

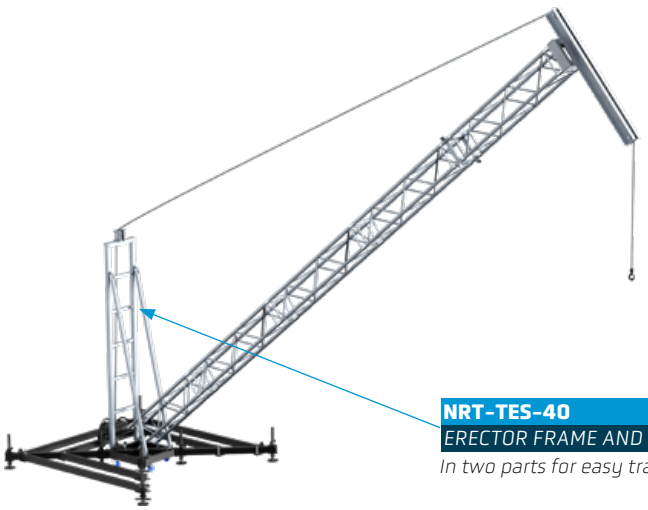
NRT-30/40-8-CS
CABLE SET (ONLY FOR 8 METER VERSION)

NT-HINGE-01
HINGE SET FOR TOWER NT30

NRT-BASE-PA
BASE SECTION FOR PA TOWER

NRT-BB-I
BALLAST BEAM SHORT

NRT-BB-O
BALLAST BEAM LONG



NRT-TES-40
ERECTOR FRAME AND DIAGONALS
In two parts for easy transportation

NRT40-10	
Max. Height	10 meter
Cantilever top part	1,2 meter
Tower Truss	NH34
Max. Loading Capacity	1.000 kg.
Required ballast	6.000 kg.
Max. windsurface front	6 m^2
Max. windsurface side	2,5 m^2
Spancables	Required

To lift the tower, a special tower erecting part can be attached to the central base, this part acts as a lever to bring the tower into its final position.

NEXT™ Roofs

Introducing

NEXT Truss Roofs

NEXT Roofs introduction

The knowledge of building roof structures has been in the DNA of the Eurotruss Group for 25 years, we are known for delivering well thought-out roof constructions. We have gained this reputation by delivering quality in product, support and training. Now you can also count on the fact that NEXT Truss deliveres quality engineered solutions.

We understand that every event is different, that is why NEXT Truss offers roofs constructions from 6x4m. up to 12x10 meters. Our roof systems are available in different sizes/shapes and are built according to the latest international regulations. In addition,

The principle of a NEXT Roof

Design & Construction

When we or one of our distributors help you choose the perfect roof construction, your needs come in first. We want to provide you with the most ideal roof construction that fits your market, and maybe with a bit of an eye to the future. After years of experience at build-ups and training, our engineering experts have created a product range that is safe, efficient, and tested.

Regulations

Where many countries do not have specific standards for building temporary structures we at NEXT Truss take the safe route, we produce all our structures according to the latest and highly standardized European Standards.

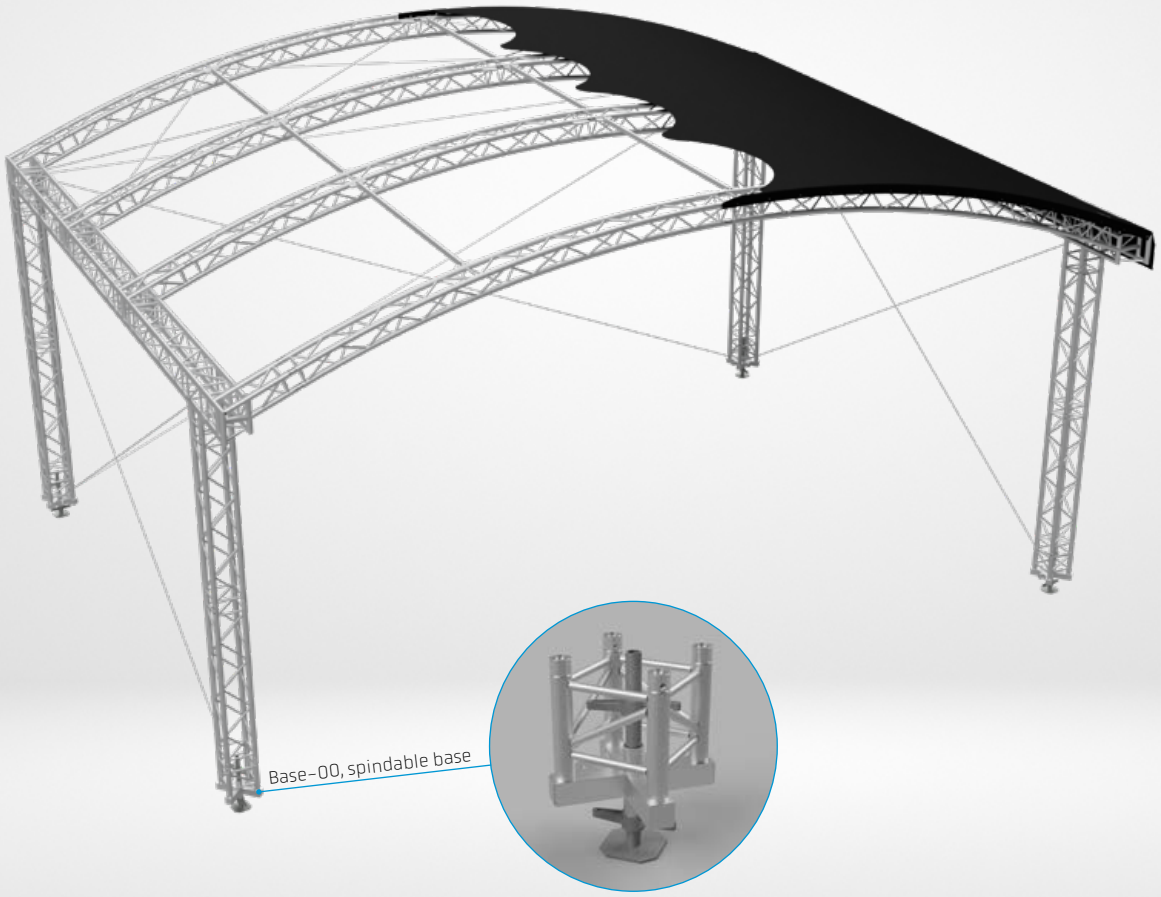
Modularity & Components

Thanks to the use of standard truss lengths, many NEXT Truss roof structures are modular, meaning they can be expanded or made smaller when desired. NEXT Truss roof constructions should contain a reasonable amount of standard truss lengths.

Ground Support or Fixed Base?

Depending on the size of the structure or the wish of you as a client our roof systems can be made on a fixed base structure, or on a ground support system.

NEXT ARC30 Roofs



NEXT ARC30 Roofs

The NEXT Truss ARC30 Roofs are fixed leg roof constructions on spindable bases, it exists out of 4 legs with three or four arcs, in between pressure beams are attached. It is available as a 6x4, 8x6, or 10x8 meter roof structure., the maximum UDL loading capacity goes from 1800kg up to 2450 kg.

The arc shape comes from the curved-shaped NX/ NH33 trusses, these curved trusses can be changed to create different configurations. Custom sizes are on request

All roofs are standard included with top and wall canopy, tensioning gear and cross-wiring, and extended manual and structural report.

THE ESSENTIALS

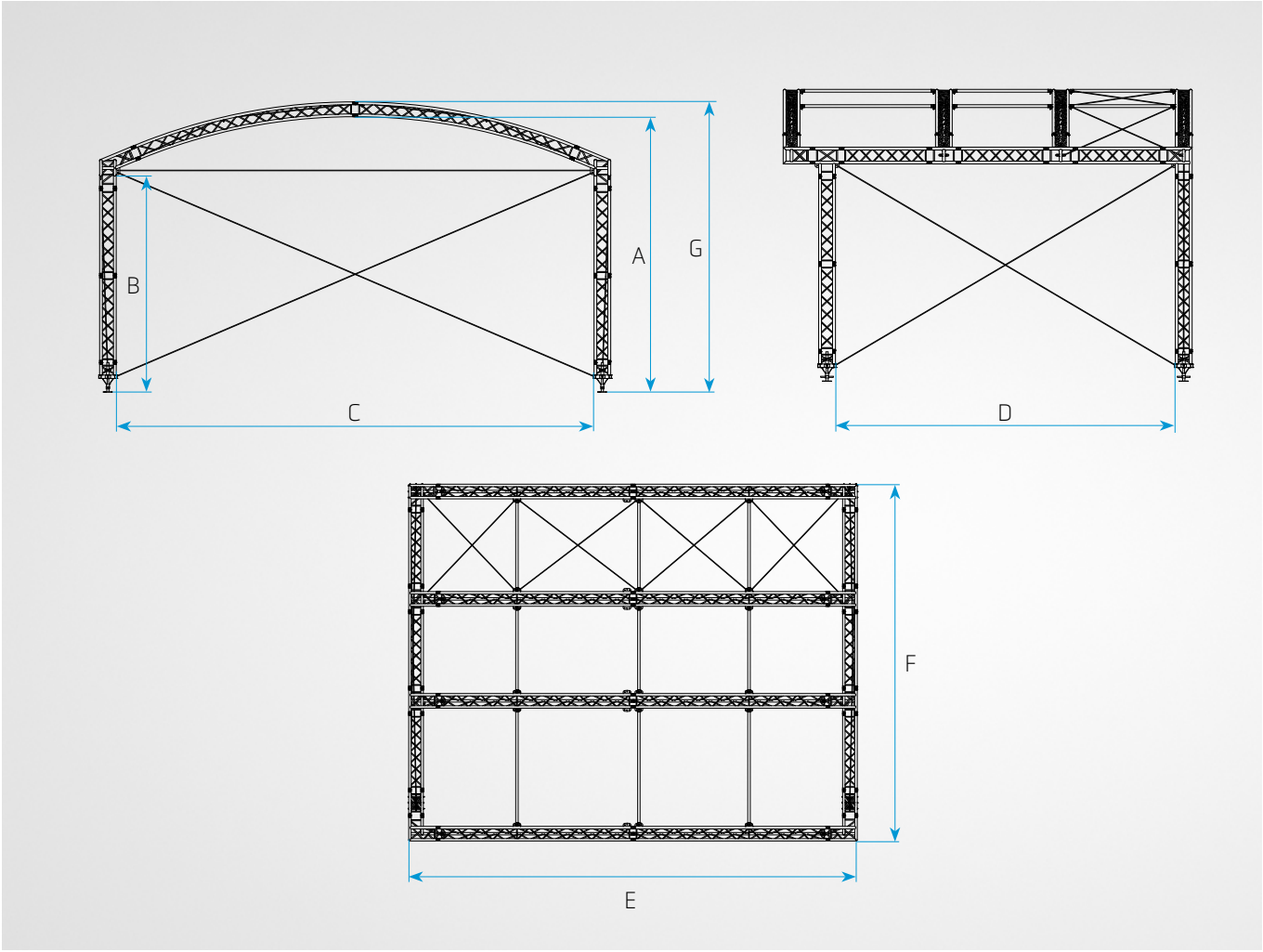
- Quick & easy setup
- The ideal solution for small and medium-sized events
- Due to the curved shape a significant loading capacity
- Options for expansion and upgrade are available

Structure & Ballast	
Roof	NH34 Side truss + NH33 curved truss, (Depending on the size of the roof),
Tower	NEXT Base-00 + NH34 truss
Stabilization	Cross-wiring

Optional	
PA Wings	Extension on the sides (1000 kg per side)
Color of the Canopy	Grey outside, inside black or Black & Black

NEXT ARC30 Roof sizing

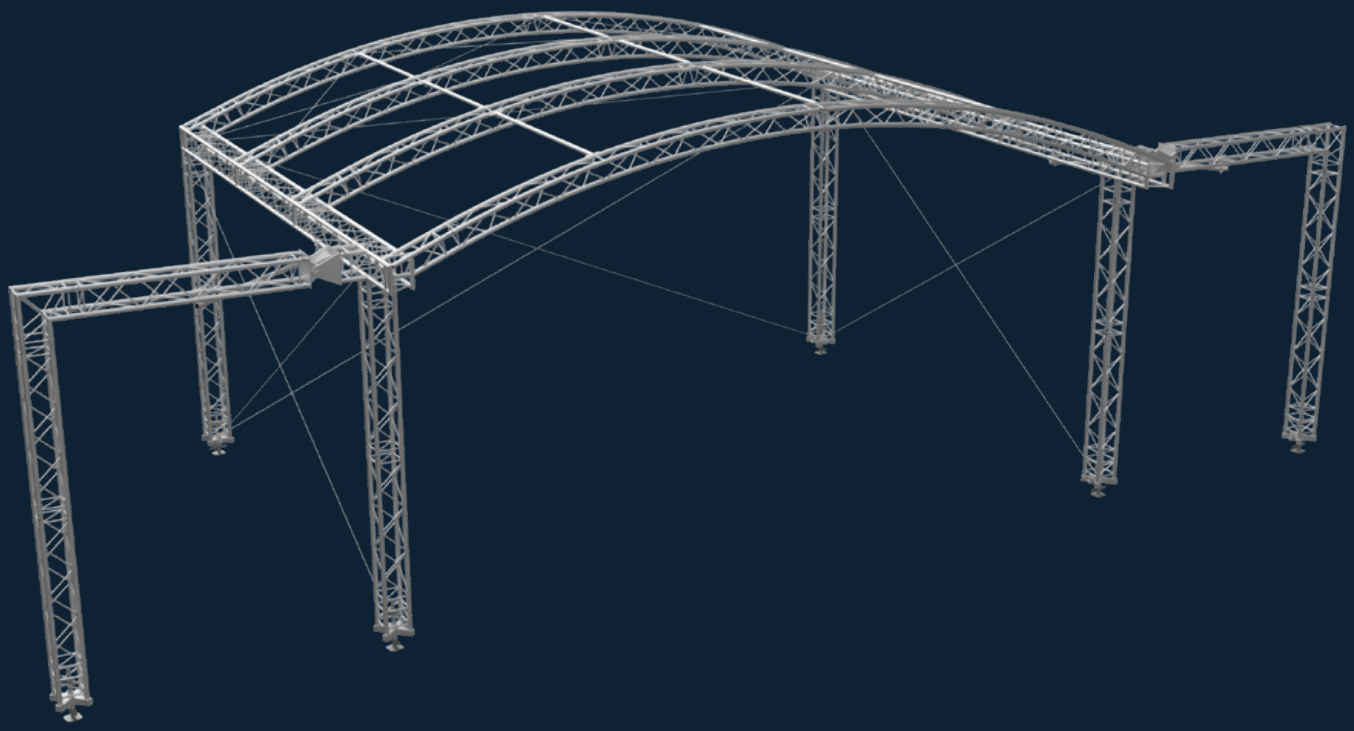
At NEXT Truss, we understand that every event may require a different type/size of roof. That's why the ARC roof is also available in three different sizes: 6x4, 8x6 and, 10x8. The smaller versions of the ARC roofs are built from NH33 arcs based on NH34 towers and side truss, the arched sections are connected to the side truss by custom welded corner sections. On the bigger 8x10 version the welded corners to attach the arcs to the side truss are replaced with special attachments and box corners for a better-engineered design.

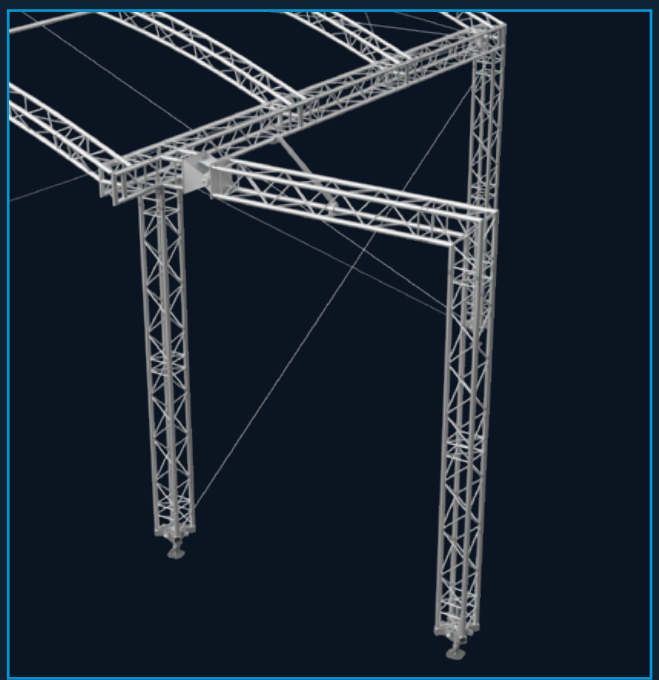


	Roof size in meters	Tower	Quantity of towers	Main Rig Truss	Roof Structure	Clearance center (a)	Clearance side (B)	Width between towers (C)	Depth between towers (D)	Total Width (E)	Total Depth (F)	Total Height (G)	User load UDL in kgs.	Point loads in kgs.	Pa wing / frame per side in kgs.	Max. Wind force m/s*
ARC ROOF																
ARC30-6x4	6x4	NH34	4	NH34	NH33	4,5	3,7	6,2	3,8	6,8	5,0	4,8	500	3000	1000	17,.8/28
ARC30-8x6	8x6	NH34	4	NH34	NH33	4,7	3,7	8,2	5,8	8,8	7,0	4,9	650	3000	1000	17,8/28
ARC30-10x8	10x8	NH34	4	NH34	NH33	5,4	4,2	10,2	7,8	10,8	9,0	5,7	800	3000	1000	17,8/28

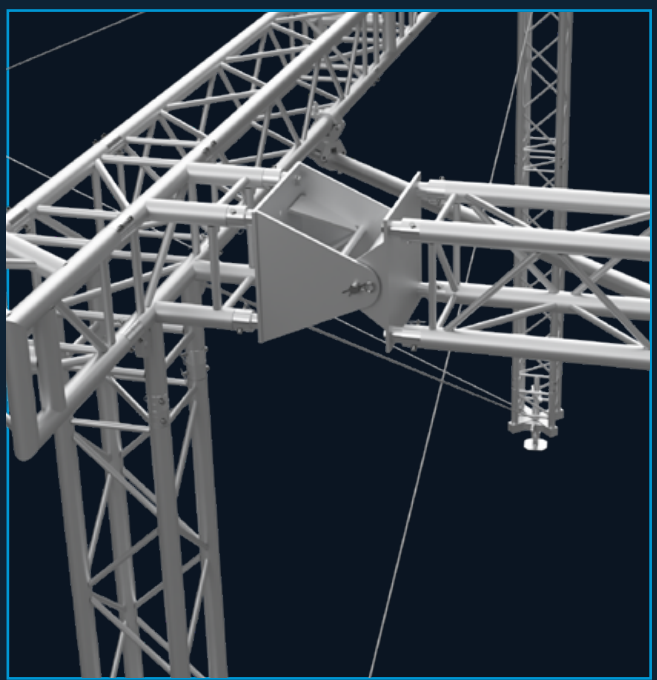
*Dimensions are noted in meters | * Windspeed with and without walls*

NEXT ARC30 Roof + PA WING





For the ARC30 roof PA Wings are available and extend the width of the ARC roof by 3 meters on each side. The PA Wing itself is 2 meters in width. The maximum load is 1.000 kg CPL on each side.



To connect the PA wings to the ARC30 roof, a different corner must be used at the front legs. In addition, a swivel piece must be added to distribute the forces correctly.

NEXT ARC30 Operational details

International Standards

The standards of the design are based on recent Eurocodes 1,3 & 9, these are high standard European norms for Structures made out of aluminium or steel. In addition, all our constructions and products are built according to the EN 1090 EXC2 principle.

These standards are recognized worldwide, some countries and locations require an addition. A construction book for the german market is not required for the ARC30 6x4 & 8x6.

Canopy & Sidewalls

Standard the canopies are grey on the outside and black on the inside, these are also available completely black.
For the sidewalls mesh is also available on request.

Ballast

The needed ballast per tower depends on the size and the roof configuration:

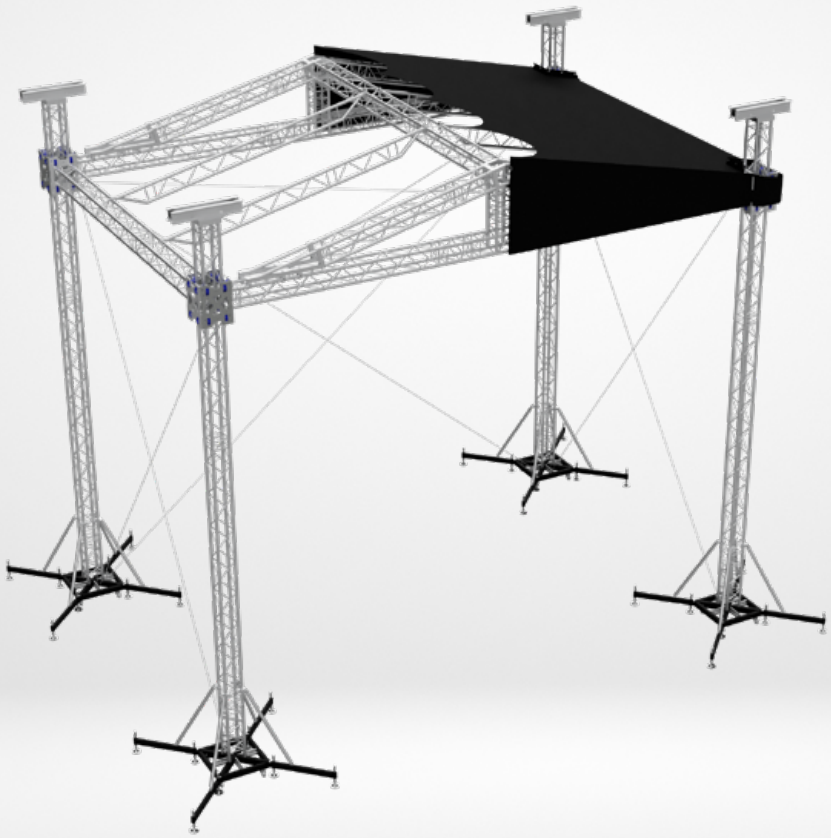
- Canopies, is the roof only covered with the top, or with the backwall or complete with sidewalls?
- Bases, with compression or stand alone bases
- Anti-slip material between bases and substrate
- Weight of load or stage integration

Wind Control

The ARC30 has a maximum wind speed of 17.8m/s or, 64km/h – 40mph*, this calculation is valid when all the canopies are installed. If the winds reach this speed or above the side and back walls should be removed, after that the Out of Use cables should be attached. At this point the construction can hold up wind speeds up to 28.0m/s – 100km/h – 62mph*

* *(maximum speed of wind gusts)*

NEXT SDR30 Saddle Roofs



NEXT SDR30 Saddle Roof

The NEXT SDR30 Saddle Roof series holds two sizes: a 8x6 and an 10x8 meter variant. The roof structure has a pitched design which alows the easy drain of water. 4 self-climbing towers make it possible to lift the roof.

The main rig exists out of NH34 truss combined with NH32/34 truss as roof structure, combined with some special parts.

All roofs are standard included with a top canopy, tensioning gear and guiding wires, an extended manual and structural report.

THE ESSENTIALS

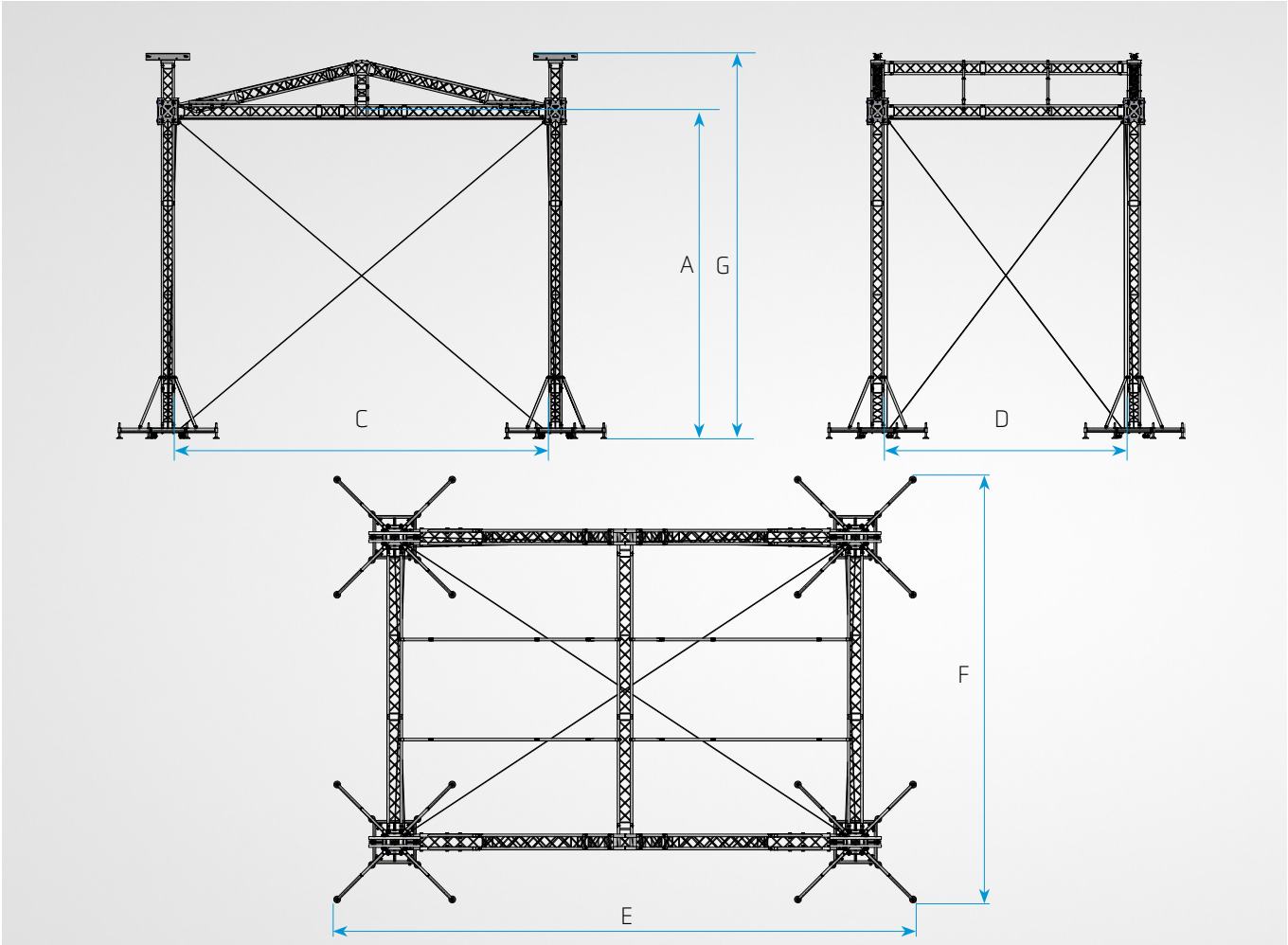
- Quick & easy setup
- Scalable and versatile
- The ideal solution for small and medium-sized events
- Options for expansion and upgrade are available

Structure & Ballast	
Roof	NH34 Main rig, NH32/34 as roof structure & canopy
Tower	NEXT Base 02 + NH34 truss
Stabilization	Cross wiring

Optional	
PA wings	Extension on the sides (1000 kg per side)
Color of the canopy	Grey outside, inside black or Black & Black
Compression beam	With the use of compression beams the needed ballast is reduced.
Cantilever	A cantilever of 1 meter is possible
Stage integration	Integration into scaffolding is optional

NEXT SDR30 Saddle Roof sizing

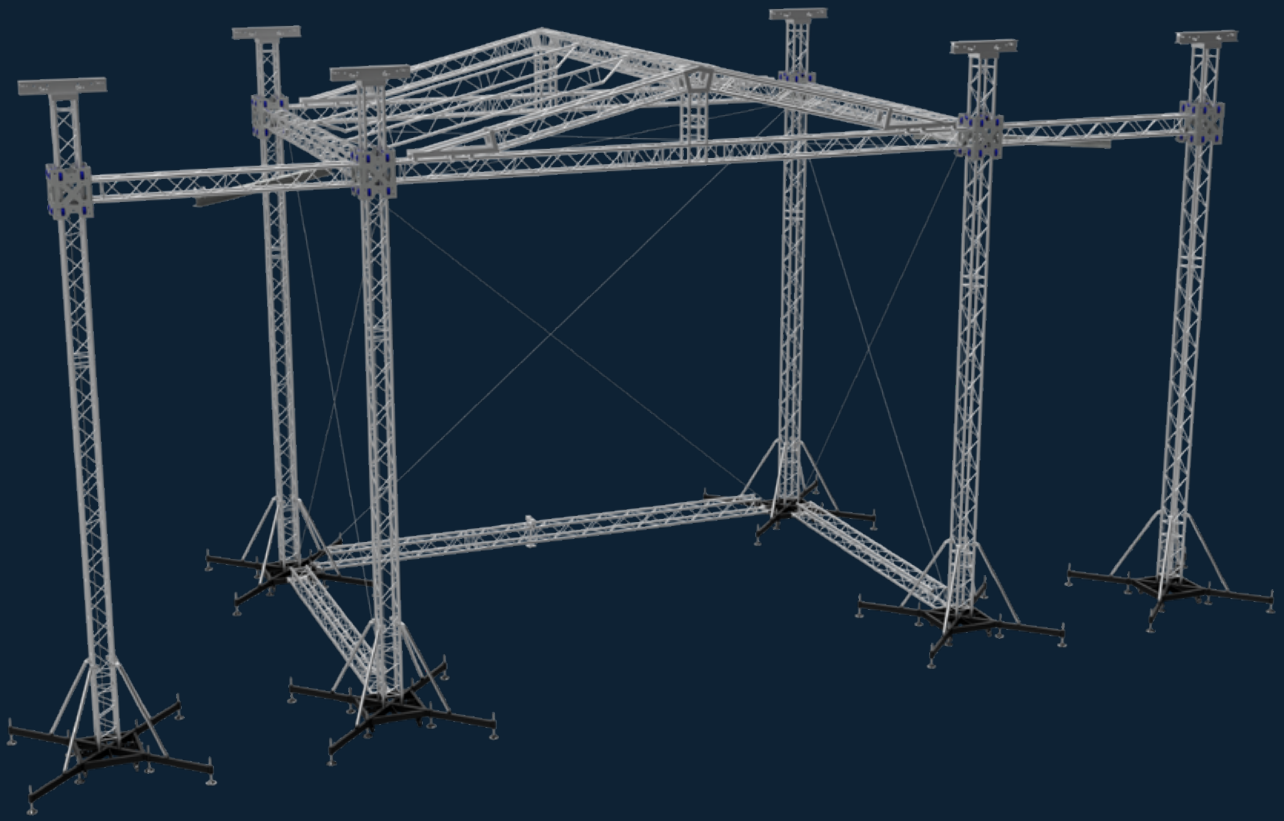
The SDR30 Saddle Roof has a good workable load, combined with low storage and transport space it is the perfect roof for small & medium events. The roof meets all the international standards and is available in two sizes; 8x6 & 10x8 meters.
By design and calculation, the SDR30 roof can be built on stand-alone steel bases., lifting the roof can be done with a motorized hoist or a manual chain hoist.
Since the ground supports and additional parts for the roof are mainly constructed from standard NH32/34 parts, only a few special roof parts are needed to build an SDR30 roof. This makes the roof very attractive and cost-effective.



	Roof size in meters	Tower	Quantity of towers	Main Rig Truss	Roof Structure	Clearance center [a]	Width between towers [C]	Depth between towers [D]	Total Width [E]	Total Depth [F]	Total Height [G]	User load UDL approx in kgs.	Point load approx in kgs.	Pa wing / frame per side in kgs.	Max. Wind force*
SADDLE ROOF															
SDR30-8x6	8x6	NH34	4	NH34	NH32/34	7,0	8,1	5,3	10,7	7,8	8,5	1650	2000	1000	17,.8/28
SDR30-10x8	10x8	NH34	4	NH34	NH32/34	7,0	10,1	7,3	12.7	9.8	8.5	1750	2000	1000	17,.8/28

*Dimensions are noted in meters | * Windspeed with and without walls*

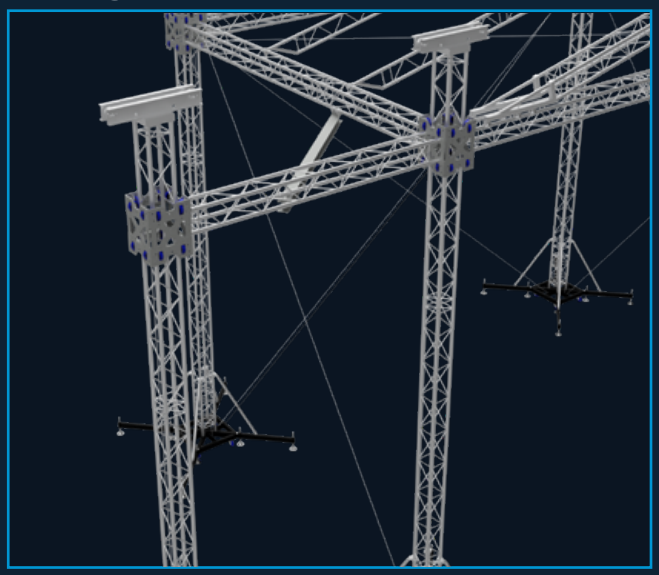
NEXT SDR30 Roof Options



Compression Beams

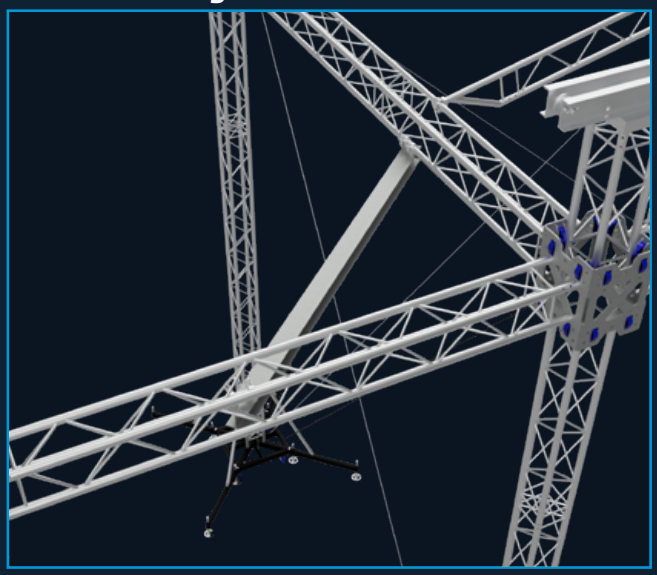
Compression beams are interconnecting the bases of a roof construction. The bases in the front will be connected with the bases in the rear and both bases in the rear will be connected to each other. In this way the necessary ballast for a roof construction can be activated more efficient and therefore can reduced up to 40–50% in comparation to a situation with free standing towers.

PA Wing



For the SDR30 roof PA Wings are available and extend the width of the SDR roof by ~3,5 meters on each side. The PA Wing itself is 3 meters in width. The maximum load is 1.000 kg CPL on each side.

I-Beam in Wing



To give horizontal support to the PA-Wings NEXT chooses to use small "H" steel profiles as diagonal support for the PA-Wings. The beams are small and will therefore need small "holes" in the side walls, the other advantage and main reason is the additional pick-point for the PA cluster.

NEXT SDR30 Roof Options

Ballast Tray

Even with small roof constructions a huge amount of ballast is necessary. To activate the ballast in the right way is not easy. A solution to activate the ballast is a so-called ballast tray. A ballast tray (NT-BASE-BF02) is a platform to be used in combination with a standard base (BASE 02).

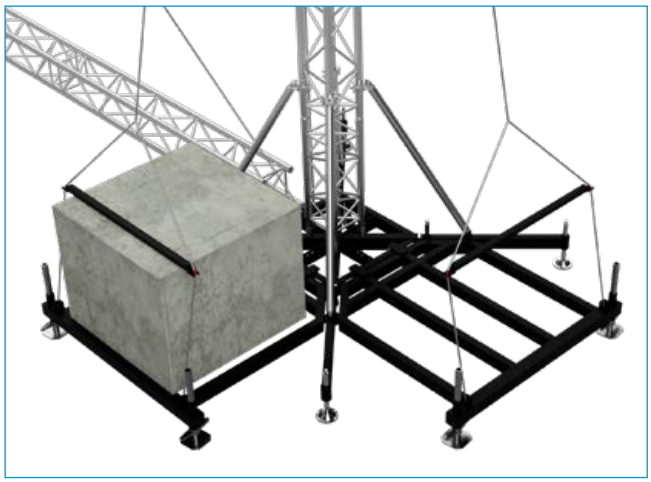
If the ballast tray is attached to the base the platform can carry up to 2000kg. A cable set (NT-CS-BF02) will activate the ballast against lift and sliding.

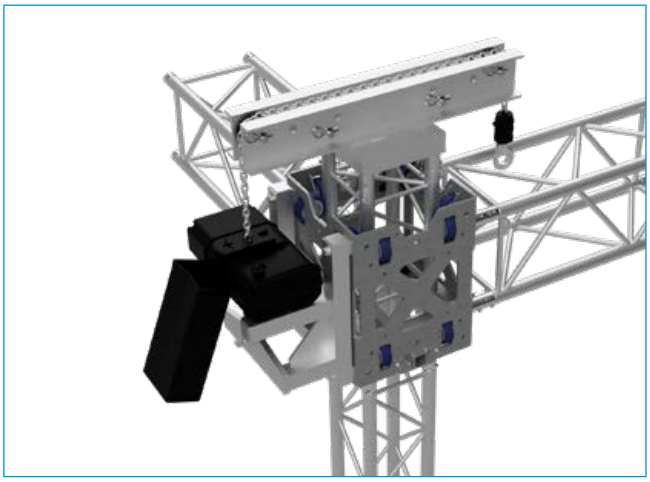
For a standard roof construction, build with compression beams and with two ballast trays for every tower the ballast can be adequate added to the construction.

Motor House

A common way of using an electrical chain hoist is to attach the hoist on top of a truss next to the tower and attach the hook on the other side of the tower to the sleeve block. Another way is to use a so called "motor house" which will be assembled on the sleeve block and can carry and attach the chain hoist.'

When using a motor house, the rig can climb closer to the top of the tower.





NEXT SDR30 Operational details

International Standards

The standards of the design are based on recent Eurocodes 1,3 & 9, these are high standard European norms for Structures made out of aluminium or steel. In addition, all our constructions and products are built according to the EN 1090 EXC2 principle. These standards are recognized worldwide, some countries and locations require an addition.

Canopy & Sidewalls

Standard the canopies are grey on the outside and black on the inside, these are also available completely black.
For the sidewalls mesh is also available, fire retardant canopy and mesh walls are available on request.

Ballast

The needed ballast per tower depends on the size and the roof configuration:

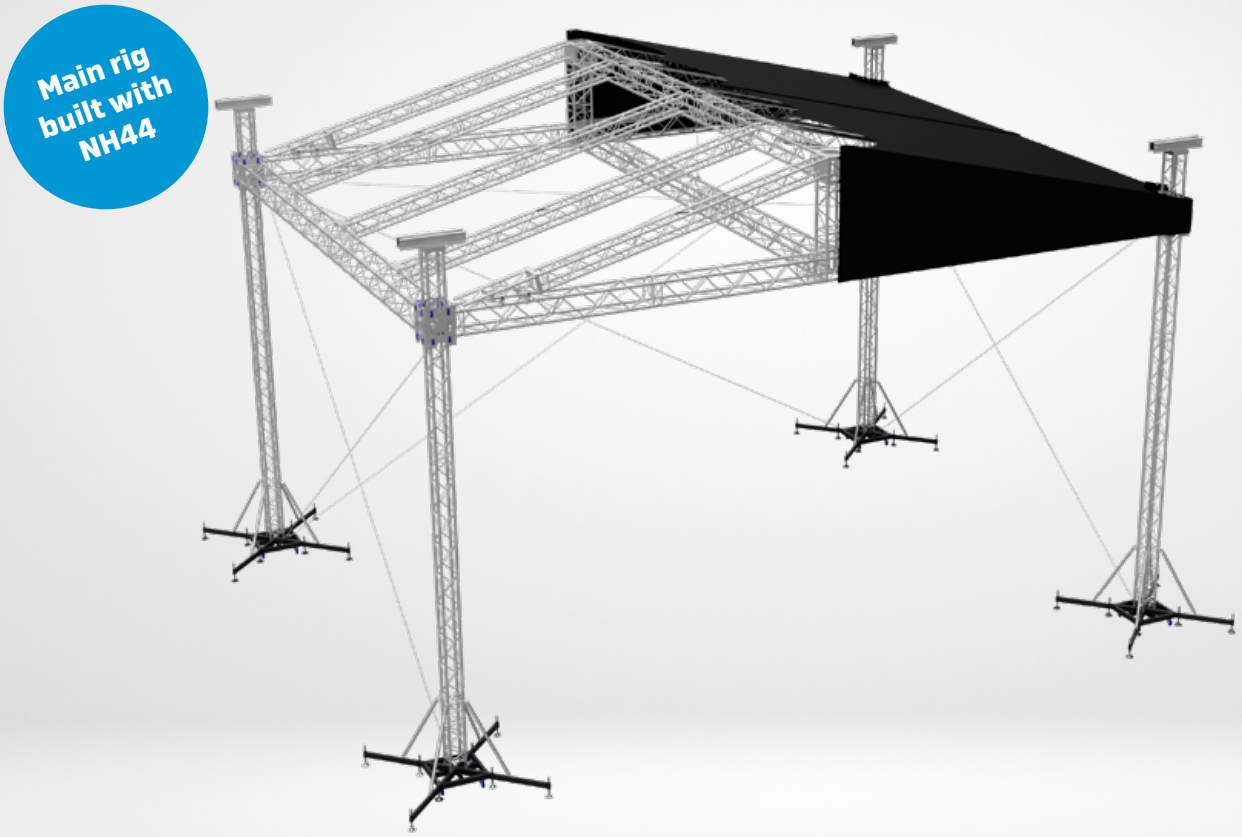
- Canopies, is the roof only covered with the top, or with the backwall or complete with sidewalls?
- Bases, with compression or stand alone bases
- Anti-slip material between bases and substrate
- Weight of load or stage integration

Wind Control

The SDR30 has a maximum wind speed of 17.8m/s or, 64km/h – 40mph*, this calculation is valid when all the canopies are installed. If the winds reach this speed or above the side and back walls should be removed, after that the Out of Use cables should be attached. At this point the construction can hold up wind speeds up to 28.0m/s – 100km/h – 62mph*

* *(maximum speed of wind gusts)*

NEXT SDR40 Saddle Roof



NEXT SDR40 Saddle Roof

The SDR40 roof is ideally suited for concerts and outdoor events. This medium sized roof is available in two sizes; 10x8 and 12x10 meters. The pitched design allows water to drain from the canopy, the roof is based on 4 self-climbing towers.

The main rig exists out of NH44 truss combined with NH44/34 truss as roof structure, combined with some special parts.

All roofs are standard included with a top canopy, tensioning gear and guiding wires, an extended manual and structural report.

Structure & Ballast	
Roof	NH44 Main rig, NH44/34 roof structure, & canopy
Tower	NEXT Base 02 + NH34 truss
Stabilizing	Cross wiring

Optional	
PA wings	Extension on the sides (1000 kg per side)
Color of the canopy	Grey outside, inside black or Black & Black
Compression beam	With the use of compression beams the needed ballast is reduced.
Cantilever	A cantilever of 1 meter is possible
Stage integration	Integration into scaffolding is optional

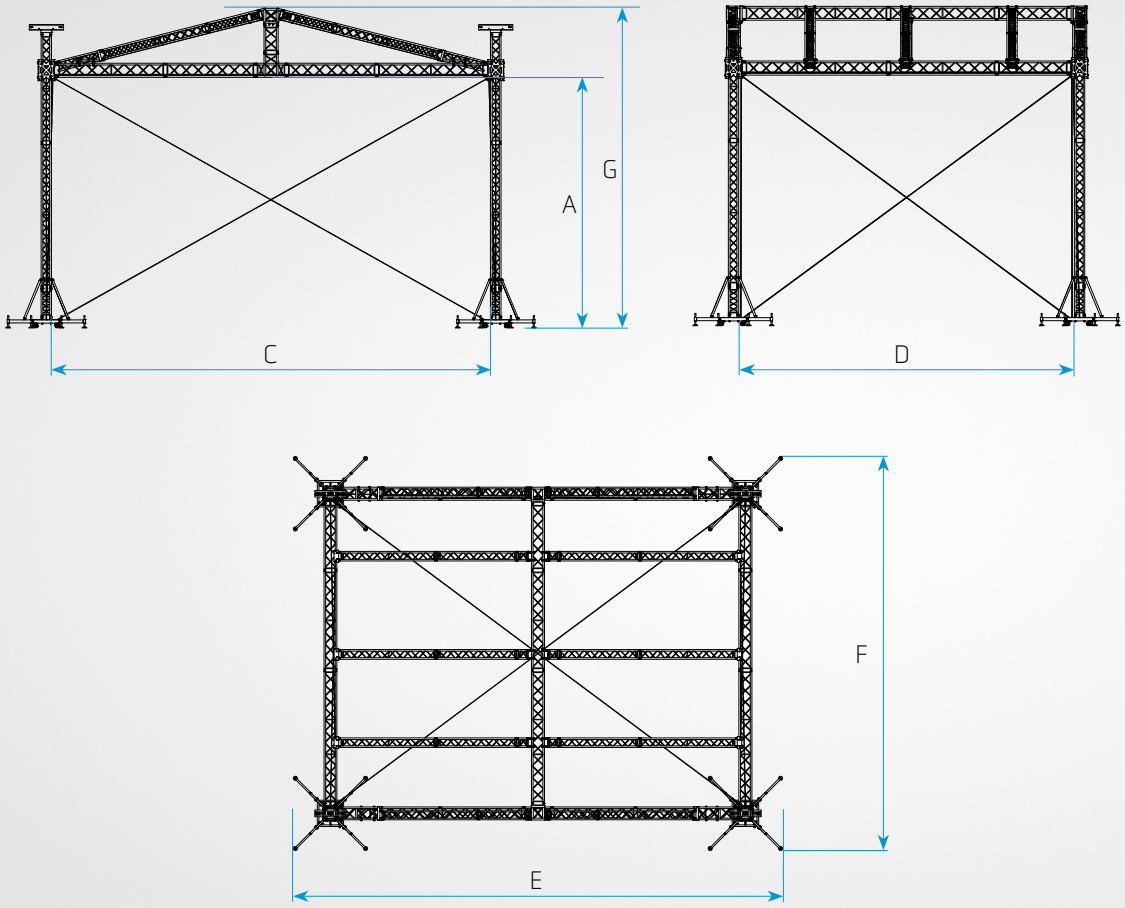
THE ESSENTIALS

- Quick & easy setup
- Scalable and versatile
- The ideal solution for small and medium-sized events
- Options for expansion and upgrade are available

NEXT SDR40 Saddle Roof sizing

The SDR40 Saddle Roof is the bigger brother of the SDR30 roof, de 8x10 meter size is overlapping on both series. But within the SDR40 series, a 12x10 meter variant is available. The saddle roof meets all the required international standards and is available in two sizes; 10x8 & 12x10 meters.

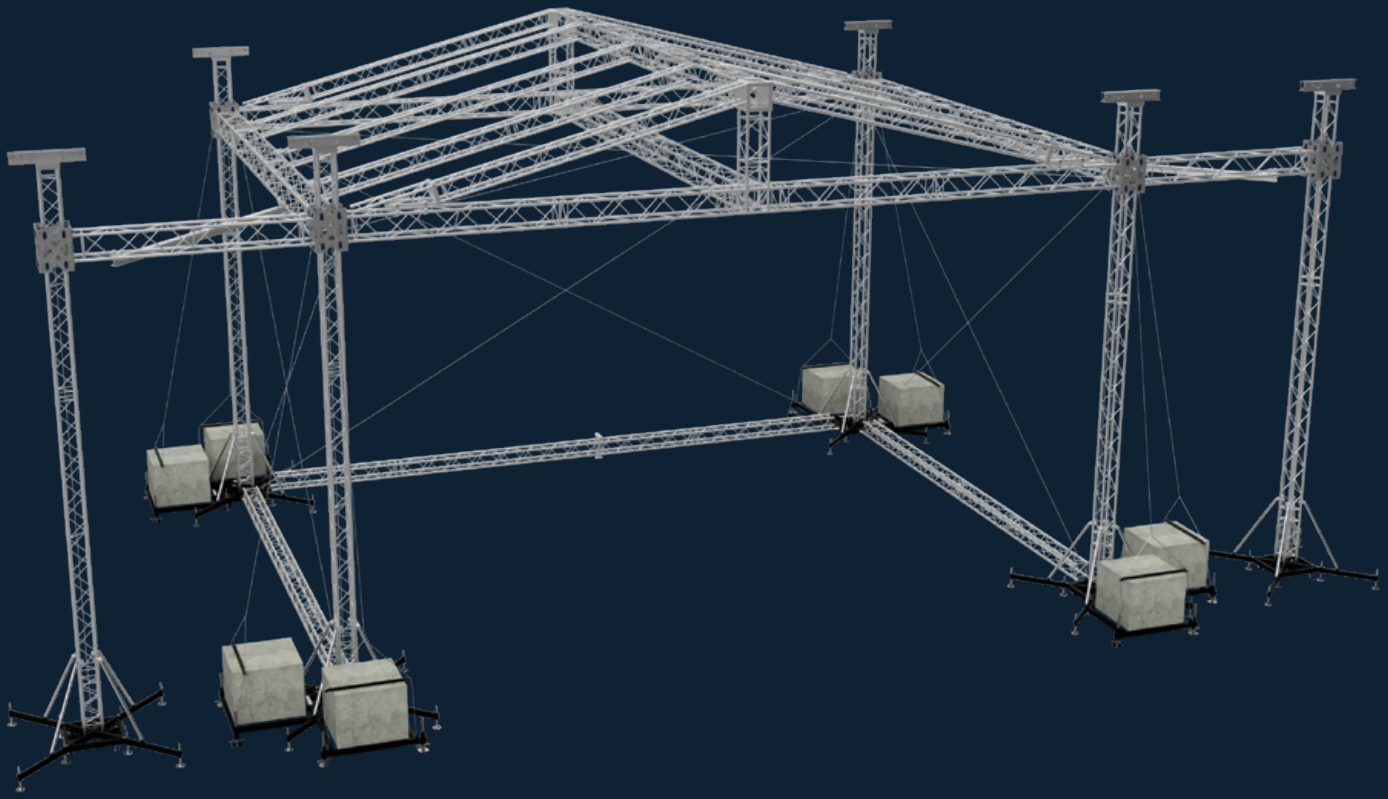
The roof is designed to be built on stand-alone steel bases, the roof can be lifted with a hoist that is attached to the sleeve block which slides over the NH34 tower. Since the ground supports and additional parts for the roof are mainly constructed from standard NH34/44 parts, only a few special roof parts are needed to build an SDR40 roof. This makes the roof very attractive and cost-effective.



	Roof size in meters	Tower	Quantity of towers	Main Rig Truss	Roof Structure	Clearance center (a)	Width between towers (C)	Depth between towers (D)	Total Width (E)	Total Depth (F)	Total Height (G)	User load UDL approx in kgs.	Pont load approx in kgs.	Pa wing / frame per side in kgs.	Max. Wind force
SADDLE ROOF															
SDR40-10x8	10x8	NH34	4	NH44	NH34	6,9	10,1	7,3	12,7	9,8	8,6	4000	4000	1000	17,.8/28
SDR40-12x10	12x10	NH34	4	NH44	NH34	6,9	12,1	9,3	14,7	11,8	8,8	3250	2800	1000	17,.8/28

Dimensions are noted in meters

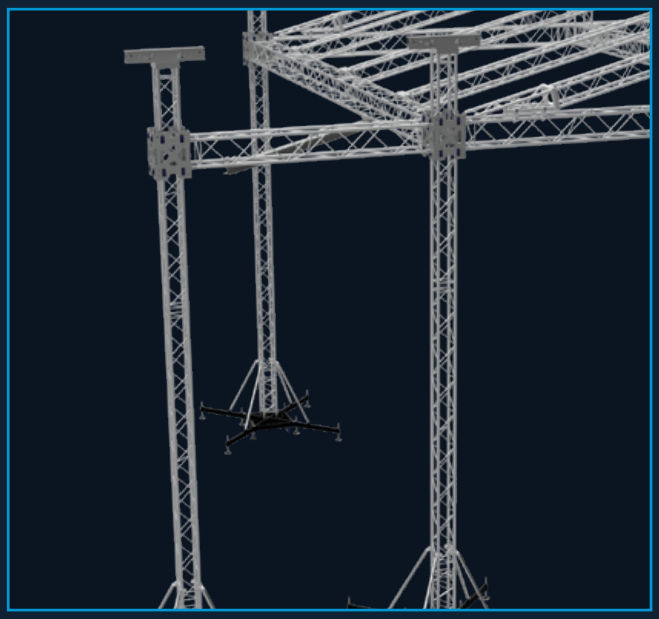
NEXT SDR40 Roof + PA WING



Compression Beams

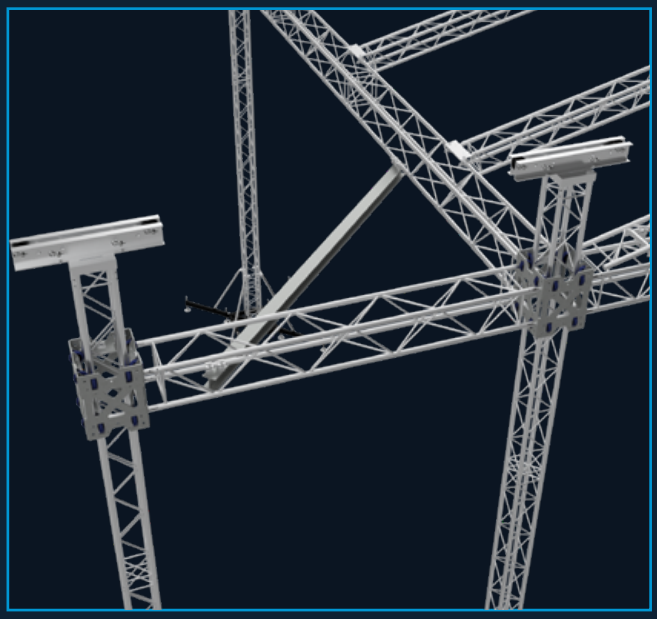
Compression beams are interconnecting the bases of a roof construction. The bases in the front will be connected with the bases in the rear and both bases in the rear will be connected to each other. In this way the necessary ballast for a roof construction can be activated more efficient and therefore can reduced up to 40–50% in comparation to a situation with free standing towers.

PA Wing



For the SDR40 roof PA Wings are available and extend the width of the Saddle Roof by 3 meters on each side. The maximum load is 1.000 kg CPL on each side.

I-Beam in Wing



To give horizontal support to the PA-Wings NEXT chooses to use small "H" steel profiles as diagonal support for the PA-Wings. The beams are small and will therefore need small "holes" in the side walls, the other advantage and main reason is the additional pick-point for the PA cluster.

NEXT SDR40 Roof Options

Ballast Tray

Even with small roof constructions a huge amount of ballast is necessary. To activate the ballast in the right way is not easy. A solution to activate the ballast is a so-called ballast tray. A ballast tray (NT-BASE-BF02) is a platform to be used in combination with a standard base (BASE 02).

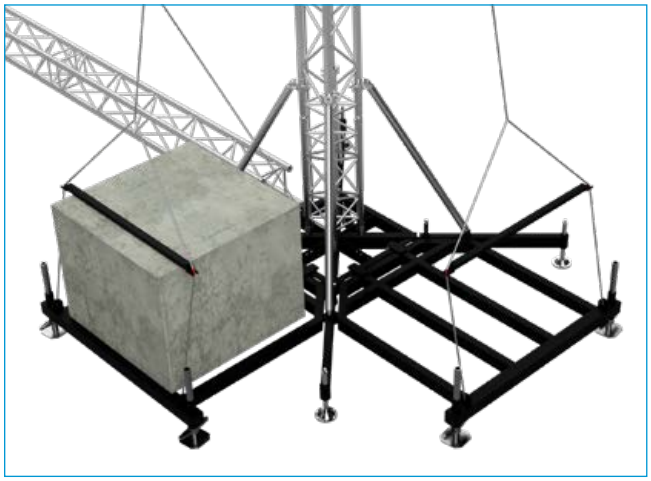
If the ballast tray is attached to the base the platform can carry up to 2000kg. A cable set (NT-CS-BF02) will activate the ballast against lift and sliding.

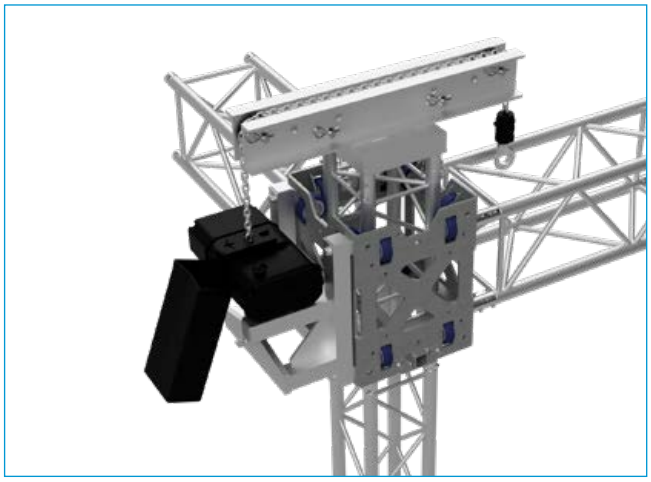
For a standard roof construction, build with compression beams and with two ballast trays for every tower the ballast can be adequate added to the construction.

Motor House

A common way of using an electrical chain hoist is to attach the hoist on top of a truss next to the tower and attach the hook on the other side of the tower to the sleeve block. Another way is to use a so called "motor house" which will be assembled on the sleeve block and can carry and attach the chain hoist.'

When using a motor house, the rig can climb closer to the top of the tower.





NEXT SDR40 Operational details

International Standards

The standards of the design are based on recent Eurocodes 1,3 & 9, these are high standard European norms for Structures made out of aluminium or steel. In addition, all our constructions and products are built according to the EN 1090 EXC2 principle. These standards are recognized worldwide, some countries and locations require an addition.

Canopy & Sidewalls

Standard the canopies are grey on the outside and black on the inside, these are also available completely black.
For the sidewalls mesh is also available, fire retardant canopy and mesh walls are available on request.

Ballast

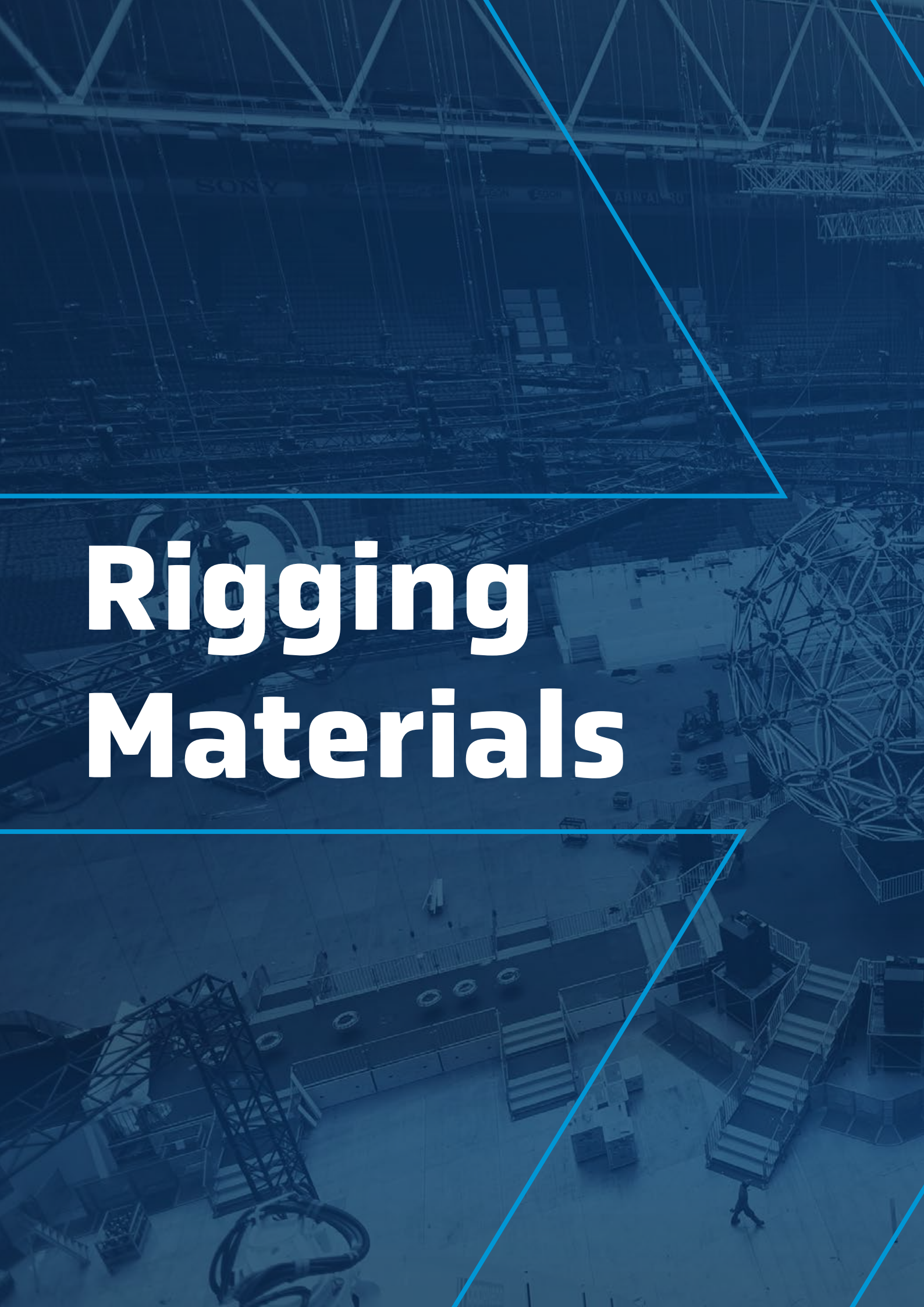
The needed ballast per tower depends on the size and the roof configuration:

- Canopies, is the roof only covered with the top, or with the backwall or complete with sidewalls?
- Bases, with compression or stand alone bases
- Anti-slip material between bases and substrate
- Weight of load or stage integration

Wind Control

The SDR40 has a maximum wind speed of 17.8m/s or, 64km/h – 40mph*, this calculation is valid when all the canopies are installed. If the winds reach this speed or above the side and back walls should be removed, after that the Out of Use cables should be attached. At this point the construction can hold up wind speeds up to 28.0m/s – 100km/h – 62mph*

**(maximum speed of wind gusts)*



Rigging Materials

Rigging Materials

Round sling

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

Productcodes & specifications round sling

Productcode	WLL	Working Length	Circumference
NRMRS01-02	1.000 kg	1 meter	2 meter
NRMRS01-03	1.000 kg	1,5 meter	3 meter
NRMRS01-04	1.000 kg	2 meter	4 meter
NRMRS01-06	1.000 kg	3 meter	6 meter
NRMRS02-02	2.000 kg	1 meter	2 meter
NRMRS02-03	2.000 kg	1,5 meter	3 meter
NRMRS02-04	2.000 kg	2 meter	4 meter
NRMRS02-06	2.000 kg	3 meter	6 meter

Stage softsteel

Polyester round slings equipped with a steel wire rope instead of the regular polyester lining.

- For extented 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

Productcodes & specifications stage softsteels

Productcode	WLL	Working Length	Circumference
NRMSS01-01	1.000 kg	0,5 meter	1 meter
NRMSS01-02	1.000 kg	1 meter	2 meter
NRMSS01-03	1.000 kg	1,5 meter	3 meter
NRMSS02-01	1.000 kg	0,5 meter	1 meter
NRMSS02-02	2.000 kg	1 meter	2 meter
NRMSS02-03	2.000 kg	1,5 meter	3 meter
NRMSS02-04	2.000 kg	2 meter	4 meter
NRMSS02-05	2.000 kg	2,5 meter	5 meter
NRMSS02-06	2.000 kg	3 meter	6 meter

Buckle strap

Lashings with Buckle

- One piece
- Black lashing
- Width 25mm.

Productcodes & specifications buckle strap

Productcode	Length	Width	Color
NRMBS25-01	1 meter	25 mm	Black
NRMBS25-02	2 meter	25 mm	Black
NRMBS25-03	3 meter	25 mm	Black
NRMBS25-04	4 meter	25 mm	Black
NRMBS25-05	5 meter	25 mm	Black
NRMBS25-06	6 meter	25 mm	Black
NRMBS25-07	7 meter	25 mm	Black

Rigging Materials

Ratchet strap

- Black lashing According EN 12195-2
- 1 or 2 part (2 part is equipped with closed double J hook)

All ratchets are black

Productcodes & specifications ratchet strap

Productcode	Permissible traction force	Length	Width
NRMRSP25L1-03	250/500daN	3 meter	25mm
NRMRSP25L1-04	250/500daN	4 meter	25mm
NRMRSP25L1-05	250/500daN	5 meter	25mm
NRMRSP25L1-06	250/500daN	6 meter	25mm
NRMRSP25L1-08	250/500daN	8 meter	25mm
NRMRSP25Z1-03	750/1500daN	3 meter	25mm
NRMRSP25Z1-04	750/1500daN	4 meter	25mm
NRMRSP25Z1-05	750/1500daN	5 meter	25mm
NRMRSP25Z1-06	750/1500daN	6 meter	25mm
NRMRSP25Z1-08	750/1500daN	8 meter	25mm
NRMRSP35Z1-03	1500/3000daN	3 meter	35mm
NRMRSP35Z1-04	1500/3000daN	4 meter	35mm
NRMRSP35Z1-05	1500/3000daN	5 meter	35mm
NRMRSP35Z1-06	1500/3000daN	6 meter	35mm
NRMRSP35Z1-08	1500/3000daN	8 meter	35mm
NRMRSP50Z1-03	2500/5000daN	3 meter	50mm
NRMRSP50Z1-04	2500/5000daN	4 meter	50mm
NRMRSP50Z1-05	2500/5000daN	5 meter	50mm
NRMRSP50Z1-06	2500/5000daN	6 meter	50mm
NRMRSP50Z1-08	2500/5000daN	8 meter	50mm
NRMRSP25L2-03	250/500daN	3 meter	25mm
NRMRSP25L2-04	250/500daN	4 meter	25mm
NRMRSP25L2-05	250/500daN	5 meter	25mm
NRMRSP25L2-06	250/500daN	6 meter	25mm
NRMRSP25L2-08	250/500daN	8 meter	25mm
NRMRSP25Z2-03	750/1500daN	3 meter	25mm
NRMRSP25Z2-04	750/1500daN	4 meter	25mm
NRMRSP25Z2-05	750/1500daN	5 meter	25mm
NRMRSP25Z2-06	750/1500daN	6 meter	25mm
NRMRSP25Z2-08	750/1500daN	8 meter	25mm
NRMRSP35Z2-03Z	1500/3000daN	3 meter	35mm
NRMRSP35Z2-05Z	1500/3000daN	5 meter	35mm
NRMRSP35Z2-08Z	1500/3000daN	8 meter	35mm
NRMRSP50Z2-03Z	2500/5000daN	3 meter	50mm
NRMRSP50Z2-05Z	2500daN/ 5000daN	5 meter	50mm
NRMRSP50Z2-08Z	2500daN/ 5000daN	8 meter	50mm

Rigging Materials

Stage steels

Steels are according to NEN-EN 12385-4 and color coding is refering to the length (ARGH).

- Flexible wire rope slings (construction 6x19+FC and 6x36WS+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 fi ts a 3,25t bowshackle, 2t fi ts a 4,75t bow-shackle.

Productcodes & specifications stage steels

Productcode	WLL	Working Length	Color coding / Polyester sleeve
NRMST1-03	1.000 kg	3 meter	White
NRMST1-04	1.000 kg	4 meter	Black
NRMST1-05	1.000 kg	5 meter	Red
NRMST1-06	1.000 kg	6 meter	Gold
NRMST2-0.5	2.000 kg	0,5 meter	Grey
NRMST2-01	2.000 kg	1 meter	Yellow
NRMST2-01.5	2.000 kg	1,5 meter	Blue
NRMST2-02	2.000 kg	2 meter	Green
NRMST2-03	2.000 kg	3 meter	White
NRMST2-04	2.000 kg	4 meter	Black
NRMST2-05	2.000 kg	5 meter	Red
NRMST2-06	2.000 kg	6 meter	Gold
NRMST1-0.5P	1.000 kg	0,5 meter	Grey w/ Polyester sleeve
NRMST1-0.75P	1.000 kg	0,75 meter	Orange w/ Polyester sleeve
NRMST1-01P	1.000 kg	1 meter	Yellow w/ Polyester sleeve
NRMST1-01.5P	1.000 kg	1,5 meter	Blue w/ Polyester sleeve
NRMST1-02P	1.000 kg	2 meter	Green w/ Polyester sleeve
NRMST1-03P	1.000 kg	3 meter	White w/ Polyester sleeve
NRMST1-04P	1.000 kg	4 meter	Black w/ Polyester sleeve
NRMST1-05P	1.000 kg	5 meter	Red w/ Polyester sleeve
NRMST1-06P	1.000 kg	6 meter	Gold w/ Polyester sleeve
NRMST2-0.5P	2.000 kg	0,5 meter	Grey w/ Polyester sleeve
NRMST2-01P	2.000 kg	1 meter	Yellow w/ Polyester sleeve
NRMST2-01.5P	2.000 kg	1,5 meter	Blue w/ Polyester sleeve
NRMST2-02P	2.000 kg	2 meter	Green w/ Polyester sleeve
NRMST2-03P	2.000 kg	3 meter	White w/ Polyester sleeve
NRMST2-04P	2.000 kg	4 meter	Black w/ Polyester sleeve
NRMST2-05P	2.000 kg	5 meter	Red w/ Polyester sleeve
NRMST2-06P	2.000 kg	6 meter	Gold w/ Polyester sleeve

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

Productcodes & specifications beam clamp

Productcode	WLL	Beam flange width
NRMBC010	1.000 kg	75 - 230 mm
NRMBC020	2.000 kg	75 - 230 mm
NRMBC030	3.000 kg	80 - 322 mm
NRMBC050	5.000 kg	90 - 322 mm
NRMBC100	10.000 kg	90 - 322 mm

Rigging Materials

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

Productcodes & specifications chains & chain sets

Productcode	Chain size	WLL	Shortening clutch
NRMCS-06	6 mm	1.400 kg	No
NRMCS-08	8 mm	2.500 kg	No
NRMCS-10	10 mm	2.000 kg	No
NRMCS-13	13 mm	6.700 kg	No
NRMCS-06-I	6 mm	1.400 kg	Yes
NRMCS-08-I	8 mm	2.500 kg	Yes
NRMCS-10-I	10 mm	2.000 kg	Yes
NRMCS-13-I	13 mm	6.700 kg	Yes

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 Identifi cation: embossed with STAC and CM
- Link accepts up to 3/4" shackle.

Productcodes & specifications S.T.A.C. Chain

Productcode	Size	Length	Color
NRMCH-76	13 x 95 mm	76 meter	Black
NRMCH-152	13 x 95 mm	152 meter	Black
NRMSTCH-0.95	13 x 95 mm	0,95 meter (10 links)	Black
NRMSTCH-1.52	13 x 95 mm	1,52 (16 links)	Black

Shackles

- Allowed to use for lifting purposes
- Galvanized
- All shackles are marked with: WLL, Batchcode of the manuafacturer, 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

Productcodes & specifications shackles

Productcode	WLL	Diam. pin	Diam. bow
NRMSK-100	1.000 kg	12 mm	9 mm
NRMSK-200	2.000 kg	16 mm	13 mm
NRMSK-325	3.250 kg	20 mm	16 mm
NRMSK-475	4.750 kg	22 mm	19 mm
NRMSK-650	6.500 kg	27 mm	22 mm

Rigging Materials

BLP Grade 100 Chain

- Black lashing According EN 12195-2
- 1 or 2 part (2 part is equipped with closed double J hook)

Productcodes & specification BLP Grade 100

Productcode	WLL	Diameter / Pitch	weight p/m
NRMBLP-06X18	1.400 kg	6x18 mm	0,8 kg
NRMBLP-08X24	2.500 kg	8x24 mm	1,5 kg
NRMBLP-10X30	4.000 kg	10x30 mm	2,4 kg
NRMBLP-13X39	6.700 kg	13x39 mm	4,0 kg

BLP Links

- According to EN 1677-4 with increased load capacity
- For 1 and 2 leg chains

Productcodes & specification master link

Productcode	WLL	Diameter	weight
NRMML-13	2.300 kg	6 mm	0,34 kg
NRMML-16	3.500 kg	8 mm	0,53 kg
NRMML-18	5.000 kg	10 mm	0,86 kg
NRMML-22	7.600 kg	13 mm	1,60 kg

- According to EN 1677-4 with increased load capacity

Productcodes & specification connection link

Productcode	WLL	Diameter	weight
NRMCL-06	1.400 kg	6 mm	0,11 kg
NRMCL-08	2.500 kg	8 mm	0,22 kg
NRMCL-10	4.000 kg	10 mm	0,45 kg
NRMCL-13	6.700 kg	13 mm	1,15 kg

- According to EN 1677-4 with increased load capacity

Productcodes & specification omega link

Productcode	WLL	Diameter	weight
NRMOL-06	1.400 kg	6 mm	0,12 kg
NRMOL-08	2.500 kg	8 mm	0,27 kg
NRMOL-10	4.000 kg	10 mm	0,44 kg

- According to EN 1677-4 with increased load capacity

Productcodes & specification clevis sling hook

Productcode	WLL	Diameter	weight
NRMCSH-06	1.400 kg	6 mm	0,33 kg
NRMCSH-08	2.500 kg	8 mm	0,60 kg
NRMCSH-10	4.000 kg	10 mm	0,96 kg
NRMCSH-13	6.700 kg	13 mm	1,80 kg

Rigging Materials

Hammers

Recoillless Hammer with nylon caps

Productcodes & specifications hamers

Productcode	Type
NRMHAM-40	Recoilless Hammer with nylon caps
NRMHAM-40C	Recoilles Hammer Combi (Nylon+Steel)

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

Productcodes & specifications multitool

Productcode	Length	Weight	Color
NRM-MULTI	180x80 mm	0,16 kg	Black

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 lan- yards for safer working at height.

- 4 socket sizes: 17, 19, 21, 24mm
- 24cm short handle design
- Nickle chrome plated finish
- Pointed end handle, ideal for knocking out truss pins
- Includes D-ring for lanyard attachment

Productcodes & specifications wrench

Productcode	Length	Weight	Finish
NRM-WRENCH	246 mm	0,48 kg	Nickle chrome plated

Manual Chain Hoists

NSL-MH10 StageLIFT

NSL-MH10 StageLIFT

Our economy hand chain hoists – the perfect solution for quick and easy heavy lifting needs. With their solid and robust build, these hoists are a reliable choice for any job.

The manual chain hoists are available in workload of 1t, and provide unbeatable quality at a competitive price point.

Other lifting heights available upon request.

Technical specifications

Productcode	NSL-MH10	
Chain Length	10m	
Length	140 mm	5,511 in
Width	145 mm	5,709 in
Height hook to hook	380 mm	14,96 in
Load capacity	1.000 kg	2.204 lbs
Test load	1.250 kg	2.756 lbs
Chain pitch	6,0 x 18,0 mm	0,26 x 7,09 in
Weight without chain (body)	6,8 kg	14,99 lbs
Total Weight	21 kg	46,30 lbs
Pull on hand chain at WLL	24,5 daN	
Hand chain overhaul (1m lift)	22 mm	

THE ESSENTIALS

- Black load chain
- Black hand chain
- Good value for money
- Standard lifting height 10 m
- The design is according to EN13157 and meets requirement of TUV CE and GS
- European Grade 80 tempered black load chain according to EN-818-7T
- Double pawl mechanism enhances brake safety

Accessory

- Includes high quality chain bag

NEXT

StageLIFT

Introducing
NEXT StageLIFT

The StageLIFT D8plus range of NEXT is designed to meet more demanding expectations for higher safety in the entertainment industry. The hoists (motors) are available as D8 plus hoists in capacities from 250 – 1000 kg, with both direct and low voltage control.

The NSL StageLIFT is an electric chain hoist which is specifically developed, rated and designed for holding loads above people. It is light and compact in design and thus perfectly suited for mobile use. All components which are in the flow of forces are statically dimensioned for the double of the nominal rated capacity. D8 Plus motors are suitable for climbing and stationary hoists without any modifications. Safety factor of minimum 8:1in accordance with EN14492-2, IGVW SQP2:2018 and EN17206.

NEXT StageLIFT introduction

ROBUST BODY

NEXT stageLIFT hoists are engineered for the entertainment industry and feature a Lightweight Compact housing in robust aluminum casting with durable fiber-reinforced covers for very rough handling and challenging transportation. NEXT offers 3 body sizes to cover the D8 plus capacities of 250, 500, and 1000 kg.

D8 AND D8 PLUS HOISTS

In the standard finish, the motors are rated D8 plus. With a safety factor of a minimum 8:1 following EN14492-2, IGVW SQP2:2018, and EN17206. However, they can be delivered as conventional D8 hoists featuring single brake. Both motors are suitable for climbing and stationary hoists without any modifications.

SAFETY

All bearing components of the hoists are well protected against overload through a slip clutch. The hoists come with a steel chain guide plate to ensure jam-free chain feeding.

EASY TO SERVICE

All hoists are easy-to-maintain modular designed devices. Critical parts like the chain guide and load wheel, electronic board, brake, and motor, are easily accessible with standard tools. Resetting the slip clutch and inspecting the brake is simple and time-saving.

SLIP CLUTCH

The slip clutch is designed to guarantee a safe permanent connection between the load and the brake to meet higher safety requirements. Slip clutch setting screw is on the motor flange for an easy adjustment

EXTENDED LIFETIME

The maintenance-free gearbox is a solid enclosure for the entire lifetime of the hoist.

Meet the new entertainment hoist

BENEFITS & FEATURES

- Inverted application/ Standard or Self Climbing Suspension
- Swivel Body and Chain Hook, Eyebolt suspension optional
- Three body sizes for 250, 500 and, 1000 kg capacity
- Direct control as standard (optional low voltage control 24 V AC)
- Supply cable 0.5 m with red CEE 400 V 16A 4-pin plug
- Overload protection (safe: friction torque clutch outside the load force flow)
- 90% reduction of locking chains by usage of specially designed disentangle plate
- Black phosphated load chain, grade 80 steel. DAT according to DIN EN 818-7
- Robust durable fiber reinforced covers with double set ergonomic carry handles

ADAPTABLE EXTENSIONS*

- Low voltage control 24 V (AC) with limits
- Gear shaft for back-up limit switches or encoders

OPTIONAL*

- Direct control with limits
- Limit Switch

**only possible in production*

NSL2.5 StageLIFT

D8 PLUS

NSL2.5 StageLIFT 250kg

The NSL2.5 is a small yet powerful StageLIFT, the NEXT StageLIFT is specially designed for use in the entertainment industry. It is engineered with a robust body that is fiber reinforced for rough handling and transportation. The load capacity is 250 kg.

All critical components such as the chain guide, load wheel, electronic board, brake, and motor are easily accessible for maintenance thanks to the modular design. To ensure high safety requirements, the slip clutch guarantees a safe permanent connection between the load and the brake.

THE ESSENTIALS

- Standard D8 Plus
- Light & compact
- Maintenance free gearbox
- Made in Germany
- IP55 clasified

Technical specifications

Productcode	NSL2.5	NSL2.5
Length	385 mm	15.16 in
Width	206 mm	8.11 in
Height	133 mm	5.24 in
Height hook to hook	360 mm	14.17 in
Load capacity (D8 plus)	250 kg	551 lbs
Lifting speed at 50Hz	4 m/min	13 ft/min
Power at 50 Hz	0.25 kW	0.34 hp
Chain pitch	4,0 x 12,2 mm	0.15 x 0.48 in
Current at full load 230V, 50Hz	1,30 A	1.30 A
Current at full load 400V, 50 Hz	0,75 A	0.75 A
Weight without chain (body)	17 kg	37.5 lbs
Chain weight	0,35 kg/m	0.23 lb/ft

Optional

- Low voltage control 24 V (AC) with limits
- Direct control with limits

NSL5 StageLIFT

NSL5 StageLIFT 500kg

The NSL5 is our medium-sized StageLIFT, our NEXT StageLIFT is specially designed for use in the entertainment industry. This hoist has a load capacity of 500kg, and is engineered with a robust body that is fiber reinforced for rough handling and transportation.

All critical components such as the chain guide, load wheel, electronic board, brake, and motor are easily accessible for maintenance thanks to the modular design. To ensure high safety requirements, the slip clutch guarantees a safe permanent connection between the load and the brake.

THE ESSENTIALS

- Standard D8 Plus
- Light & compact
- Maintenance free gearbox
- Made in Germany
- IP55 clasified

Technical specifications

Productcode	NSL5	
Length	411 mm	16.18 in
Width	321 mm	12.68 in
Height	154 mm	6.06 in
Height hook to hook	405 mm	15.94 in
Load capacity (D8 plus)	500 kg	1.102 lbs
Lifting speed at 50Hz	4 m/min	13 ft/min
Power at 50 Hz	0.33 kW	0.45 hp
Chain pitch	5.6 x 17.0 mm	0.22 x 0.67 in
Current at full load 230V, 50Hz	1.50 A	1.50 A
Current at full load 400V, 50 Hz	0.87 A	0.87 A
Weight without chain (body)	28 kg	61.7 lbs
Chain weight	0,69 kg/m	0.46 lb/ft

Optional

- Low voltage control 24 V (AC) with limits
- Direct control with limits

NSL10 StageLIFT

NSL10 StageLIFT 1.000kg

The strongest in our range is the NSL10, this NEXT StageLIFT is specially designed for heavy-duty use in the entertainment industry. It is engineered with a robust body that is fiber reinforced for rough handling and transportation. The load capacity is 1.000 kg.

All critical components such as the chain guide, load wheel, electronic board, brake, and motor are easily accessible for maintenance thanks to the modular design. To ensure high safety requirements, the slip clutch guarantees a safe permanent connection between the load and the brake.

THE ESSENTIALS

- Standard D8 Plus
- Light & compact
- Maintenance free gearbox
- Made in Germany
- IP55 clasified

Technical specifications

Productcode	NSL10	
Length	520 mm	20.47 in
Width	364 mm	14.33 in
Height	185 mm	7.28 in
Height hook to hook	500 mm	19.69 in
Load capacity (D8 plus)	1.000 kg	2.204 lbs
Lifting speed at 50Hz	4 m/min	13 ft/min
Power at 50 Hz	0.66 kW	0.9 hp
Chain pitch	8,0 x 22.0 mm	0.31 x 0.86 in
Current at full load 230V, 50Hz	2,90 A	2,90 A
Current at full load 400V, 50 Hz	1,70 A	1,70 A
Weight without chain (body)	47 kg	103.6 lbs
Chain weight	1,44 kg/m	0.97 lb/ft

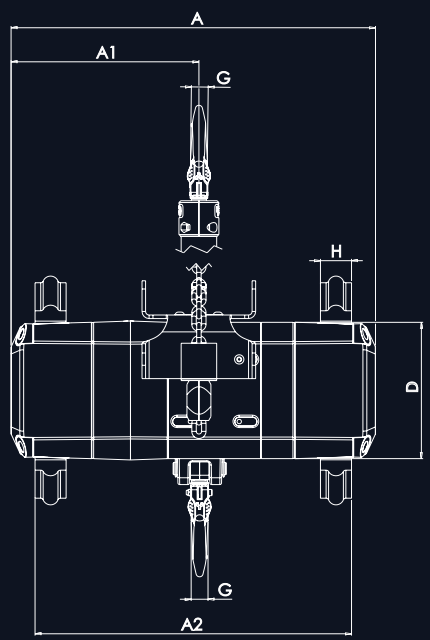
Optional

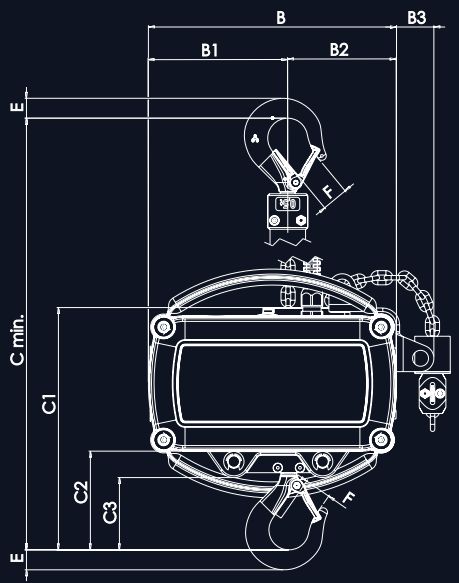
- Low voltage control 24 V (AC) with limits
- Direct control with limits

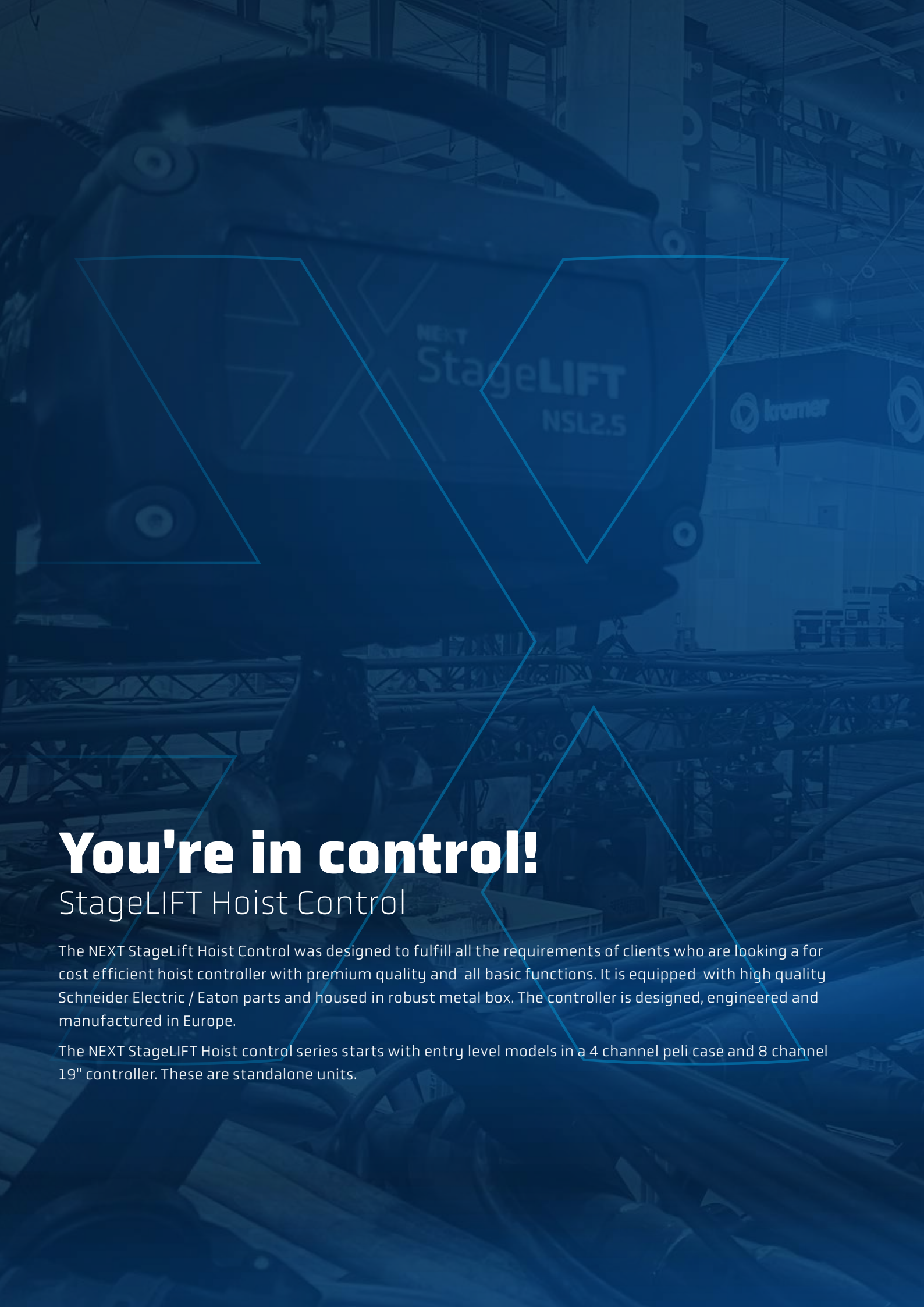
Image: Jorrit Lousberg

Dimensions of the models

Model	A	A1	A2	B	B1	B2	B3	C min.	C1	C2	C3	D	E	E1	F	F1	G	G1	H
NSL2.5	385	215	331	206	99	107	–	400	234	92	69	133	22	17	30	25	19	15	35
NSL5	411	212	357	279	157	122	42	540	273	111	81	154	22	–	30	–	19	–	35
NSL10	520	252	458	329	188	141	35	540	344	147	99	185	29	–	35	–	21	–	35







You're in control!

StageLIFT Hoist Control

The NEXT StageLift Hoist Control was designed to fulfill all the requirements of clients who are looking a for cost efficient hoist controller with premium quality and all basic functions. It is equipped with high quality Schneider Electric / Eaton parts and housed in robust metal box. The controller is designed, engineered and manufactured in Europe.

The NEXT StageLIFT Hoist control series starts with entry level models in a 4 channel peli case and 8 channel 19'' controller. These are standalone units.

Hoist Controllers

4 & 8 Channels

NSL-HC04 Controller

NSL-HC04 Controller 4CH

NEXT StageLIFTS can be controlled with stand-alone hoist controllers, the NSL-HC04 is a stand-alone hoist controller that connects up to 4 motorhoists controller for all popular direct controlled chainhoists.

The main feature of the standard NSL-HC04 unit is the link option for up & down and E-STOP buttons, this enables easy control for a larger number of hoists, simultaneous start and stop control on the up/down buttons) and centralizes the emergency stop button.

The controller is also equipped with switches for the selection of single inverted channels, MPA: Manual Phase Align circuit breakers protect all outputs, in case of emergency all 3 phases are disconnected.

Mains input (3x 32A, 5wire), equipped with CEE (3P+N+E) 32A inlet plug.

Technical specifications

Productcode	NSL-HC04
Height	175 mm
Width	455 mm
Depth	360 mm
Working Power	400V +N+PE
Weight	9 kg
Color	Black

THE ESSENTIALS

- Controls up to 4 motors in stand-alone operation
- Fully compatible with the Larger NSL-HC08
- Robust lightweight plastic case.
- MPA: Manual Phase Align (Up on a NSL MC04 is up)
- Manual phase inversion switch for each output.
- Phase indicators to easily check if the 3 phases are available.

Designed and built in Europe to the highest international safety standards!

NSL-HC04 Details

Flexible outputs:

- 4x individual CEE16 4pole 16A outputs
- 1x 16PIN multichannel industrial rectangular connector, Harting (Han 16E)® compatible

Remote control NSL-MC:

The NSL Remote is a simple remote designed to control Up/Down and E-STOP of NLS HC series controllers.

The remote features a 10-meter long (XLR neutrik)cable with a 5-pin connector that can be easily connected to a motor controller.

- Up/Down and E-STOP buttons are synchronized with all linked controllers.
- The length of the cable can be adjusted according to client's needs.

MORE IN DETAIL

Linking controllers

- Several units can be linked in master/slave using the link in/out on the back panel
- Easy control for a larger number of chain hoists.
- Simultaneous hoist control using the UP/DOWN buttons on the master controller.
- Centralized Emergency stop on the master controller.

Circuit breaking & power

- 1 x 16A 4pole circuit breaker protects ALL outputs, In case of emergency all 3 phases AND the neutral are disconnected.
- 1x C16 (16A – 1P+N) 2-POLE automatic circuit breaker for control circuit
- Mains input cable (3x 32A, 5wire), equipped with CEE (3P+N+E) 32A inlet plug

NSL-HC08 Controller

NSL-HC08 Controller 8CH

NEXT StageLIFTS can be controlled with stand-alone hoist controllers, the NSL-HC08 is a stand-alone hoist controller that connects up to 8 motorhoists.

The main feature of the standard NSL-HC08 unit is the link option for up & down and E-STOP buttons, this enables easy control for a larger number of hoists, simultaneous start and stop control on the up/down buttons) and centralizes the emergency stop button.

The controller is also equipped with switches for the selection of single inverted channels, automatic phase align (APA on input plug and the Automatic Voltage Metering (AVM).

The remote control input is XLR and has a LED indicator, circuit breakers protect all outputs, in case of emergency all 3 phases are disconnected.

Next to this circuit breakers are added for the control circuit and the auxiliary output. Mains input (3x 32A, 5wire), equipped with CEE (3P+N+E) 32A inlet plug. CEE (3P+N+E) outlet socket (3x 32A, 5wire) for bypass

Technical specifications

Productcode	NSL-HC08
Height	184 mm
Width	482 mm (19" rack)
Depth	430 mm
Weight	13,8 kg
Color	Black

THE ESSENTIALS

- Controls up to 8 motors in stand-alone operation
- Fully compatible with the smaller NSL-HC04
- Extremely robust 19"/5U metal housing.
- Automatic Phase Align (Up on a NSL MC08 is always up)
- Auto-enabling working light
- Manual phase inversion switch for each output.
- Phase indicators to easily check if the 3 phases are available.

Designed and built in Europe to the highest international safety standards! According the BGV D8 and igvw SQ P2 D8 Plus 400 V AC three-phase drives.

NSL-HC08 Details

Flexible outputs:

- 4x individual CEE16 4pole 16A outputs
- 2x 16PIN multichannel industrial rectangular connector, Harting (Han 16E)® compatible
- 2x 19PIN multichannel industrial round connector, Socapex 419 ® compatible
- 1x earthed 16A powerCON TRUE1 mains outlet: auxiliary output for all kinds of use.

Remote control NSL-MC:

The NSL Remote is a simple remote designed to control Up/Down and E-STOP of NLS HC series controllers.

The remote features a 10-meter long (XLR neutrik)cable with a 5-pin connector that can be easily connected to a motor controller.

- Up/Down and E-STOP buttons are synchronized with all linked controllers.
- The length of the cable can be adjusted according to the client's needs.

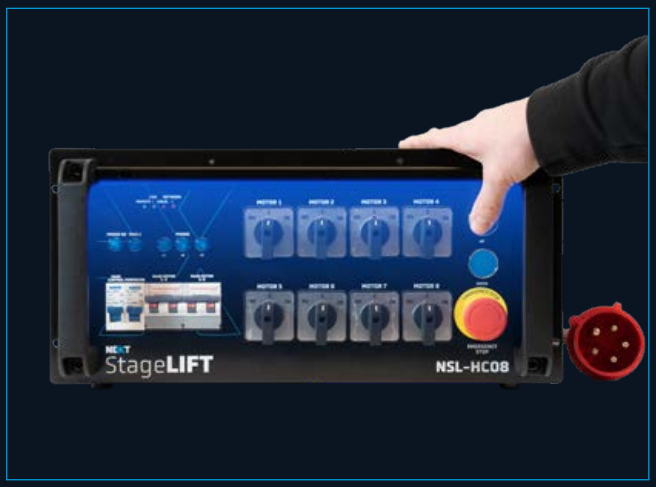
MORE IN DETAIL

Linking controllers

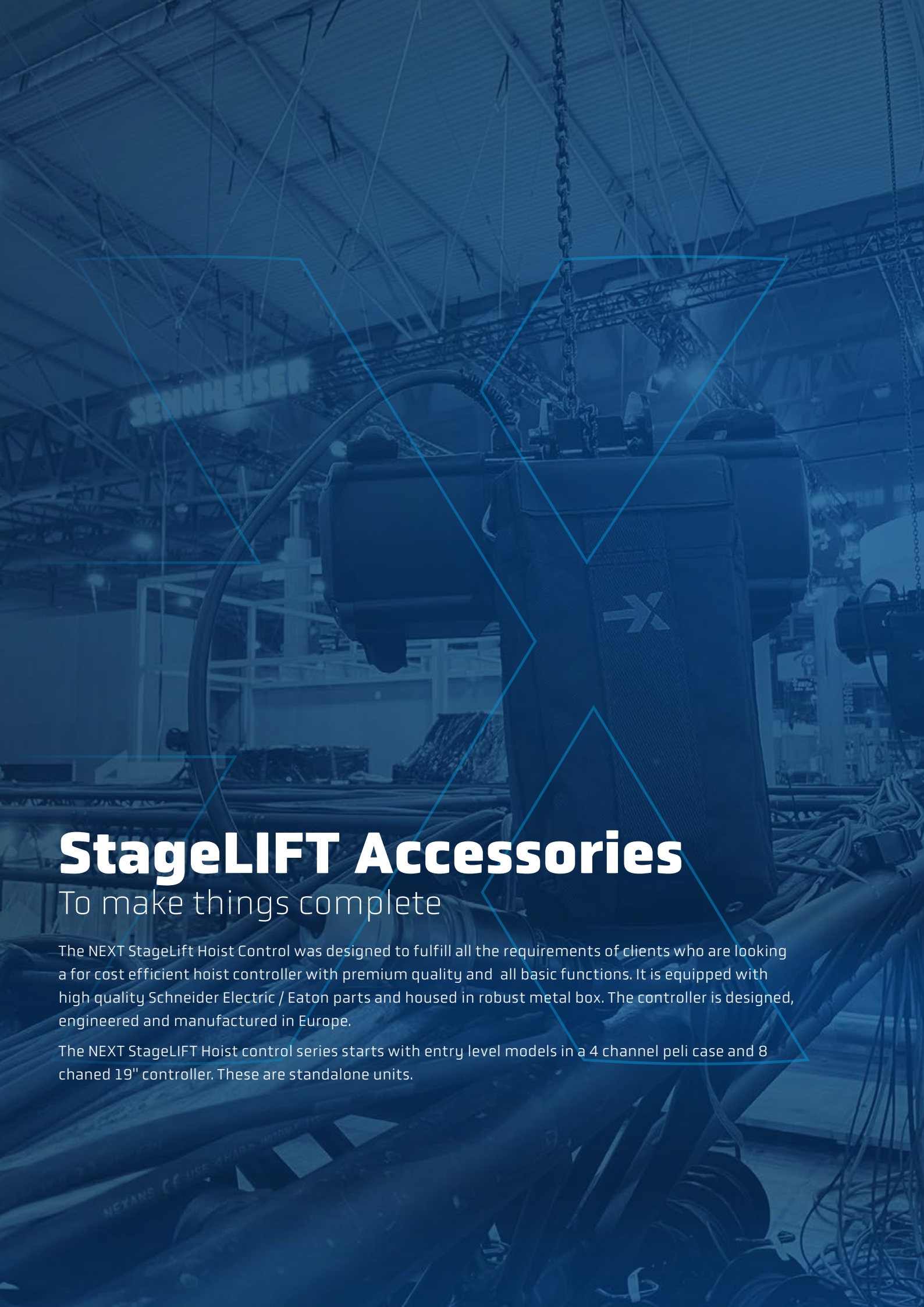
- Several units can be linked in master/slave using the link in/out on the back panel
- Easy control for a larger number of chain hoists.
- Simultaneous hoist control using the UP/DOWN buttons on the master controller.
- Centralized Emergency stop on the master controller.
- Slave" indicator led.

Circuit breaking & power

- 2 x 16A 4pole circuit breaker protects 2 x 4 outputs, In case of emergency all 3 phases AND the neutrals are disconnected.
- Two C16 (16A – 1P+N) 2-POLE automatic circuit breakers for control circuit + auxiliary output.
- Mains input cable (3x 32A, 5wire), equipped with CEE (3P+N+E) 32A inlet plug
- CEE (3P+N+E) outlet socket (3x 32A, 5wire) for bypass



When working in a dark environment, a blue light strip will automatically turn on as soon as hands come near the controller. This way you can be sure you are using the right button when working in dark environments.



StageLIFT Accessories

To make things complete

The NEXT StageLift Hoist Control was designed to fulfill all the requirements of clients who are looking a for cost efficient hoist controller with premium quality and all basic functions. It is equipped with high quality Schneider Electric / Eaton parts and housed in robust metal box. The controller is designed, engineered and manufactured in Europe.

The NEXT StageLIFT Hoist control series starts with entry level models in a 4 channel peli case and 8 chaned 19" controller. These are standalone units.

StageLIFT accessories

The StageLIFT series has a couple of accessories available, such as remote control, raincover & chain bags

Chain bags

NSL-BAG2.5L

Large chain bag for NSL2.5 up to 24m chain

NSL-BAG5L

Large chain bag for NSL5 up to 24m chain

NSL-BAG10L

Large chain bag for NSL10 up to 24m chain

Rain covers

NSL-COVER2.5

Rain cover for NSL2.5 StageLIFT

NSL-COVER5

Rain cover for NSL5 StageLIFT

NSL-COVER10

Rain cover for NSL10StageLIFT

NEXT™ Deck

Introducing the **NEXT** Deck

The NEXT Deck is a modular system that is portable, very compact and durable. It can be used in different configurations and requires minimum tools during setup. Use the NEXT Deck as a performance stage, catwalk, walkway, grandstand or step unit. The possibilities are endless.

This high loading capacity system is Lightweight and easy to use, due to the advanced design and manufacturing techniques. The decks are built from a specially designed aluminium profile that allows the skid plate to be mounted into the desired shapes and sizes. The decks are available in the following four dimensions:

- 200x100 cm
- 200x050 cm
- 100x100 cm
- 100x050 cm

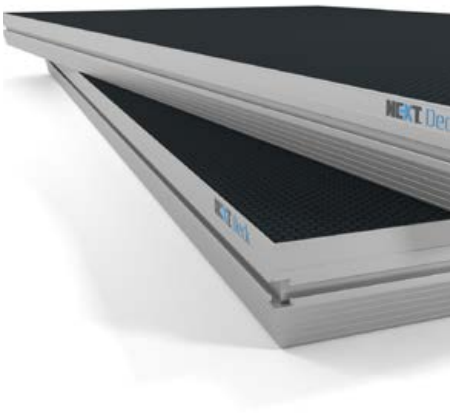
The NEXT Deck can be supported on standard round legs or telescopic legs, rubber feet on the stage legs provide stability. Thanks to the way of building, the stage can be used for in and outdoor events.

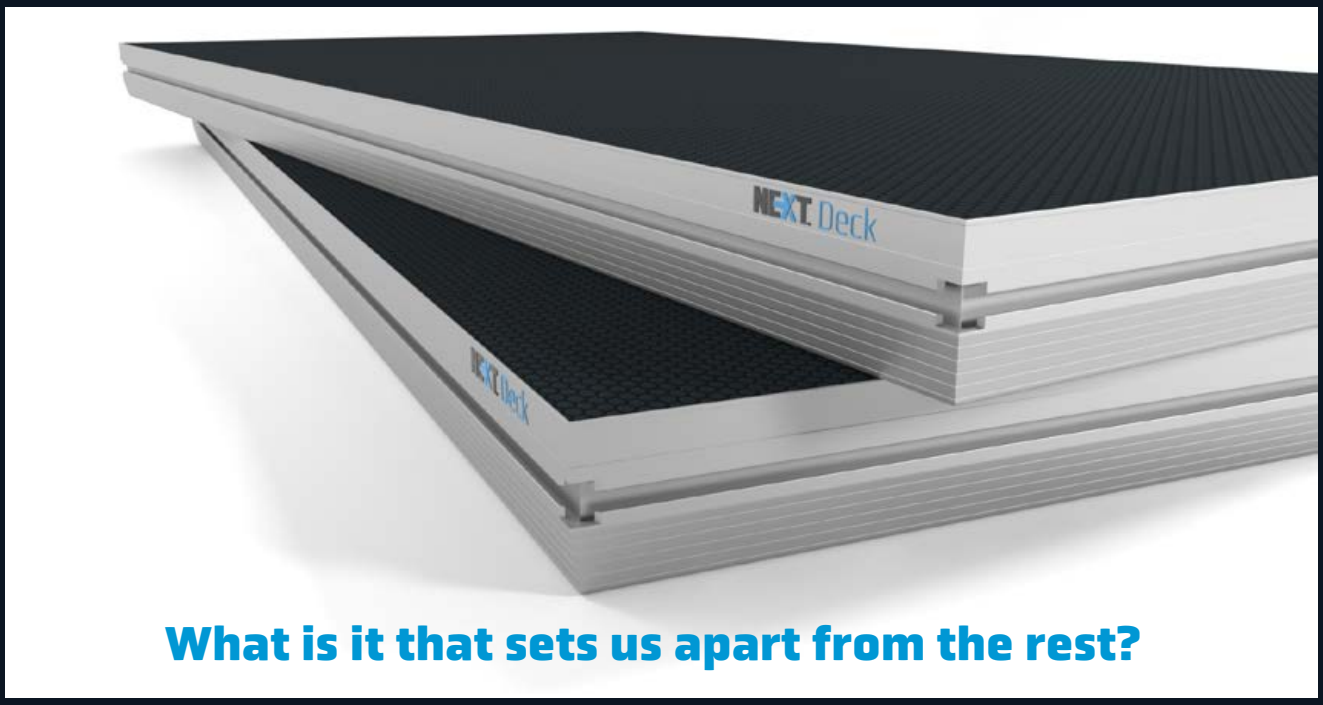
Railings, stairs, skirts, and cladding can be mounted to the profile with a wide range of accessories. The black skid plate of the deck is made from heavy-duty weatherproof plywood with an anti-slip finish.

The NEXT Deck system has been designed and manufactured for use in both indoor and outdoor environments. The NEXT Deck is TÜV Certified.

THE ESSENTIALS

- Lightweight
- Available Anti Slip
- Compatible with other brands
  (ask for possibilities)
- TÜV Certified
- For in- & outdoor use
- Vertical loading up to 750 kg / m2
- Loading according to DIN 15921





What is it that sets us apart from the rest?

Equipped with reinforced beam

Black Hexa Topping

750 kg / m²

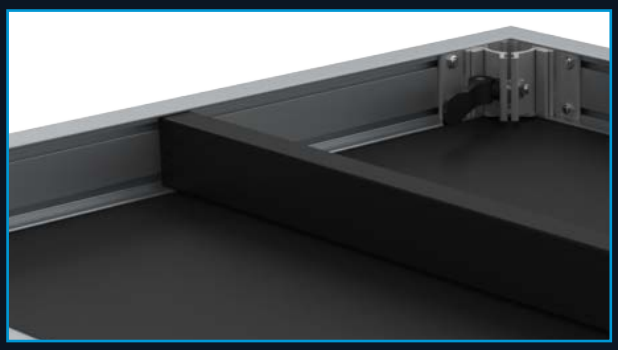
Max. 750 kg UDL

37 kg

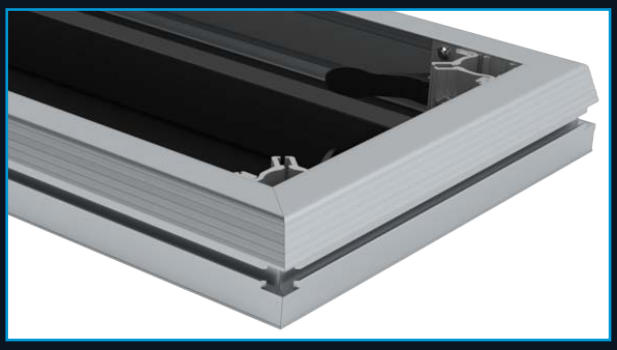
2x1 meter deck weighs 37 kg

The leg holder ensures a stable setting of the stage deck. With an easy flip of the quick-lock lever system, the leg connection stays fixed.

The decks are designed to be supported by fixed, light adjustable and/or telescopic legs which make it possible to raise the deck to the desired height.

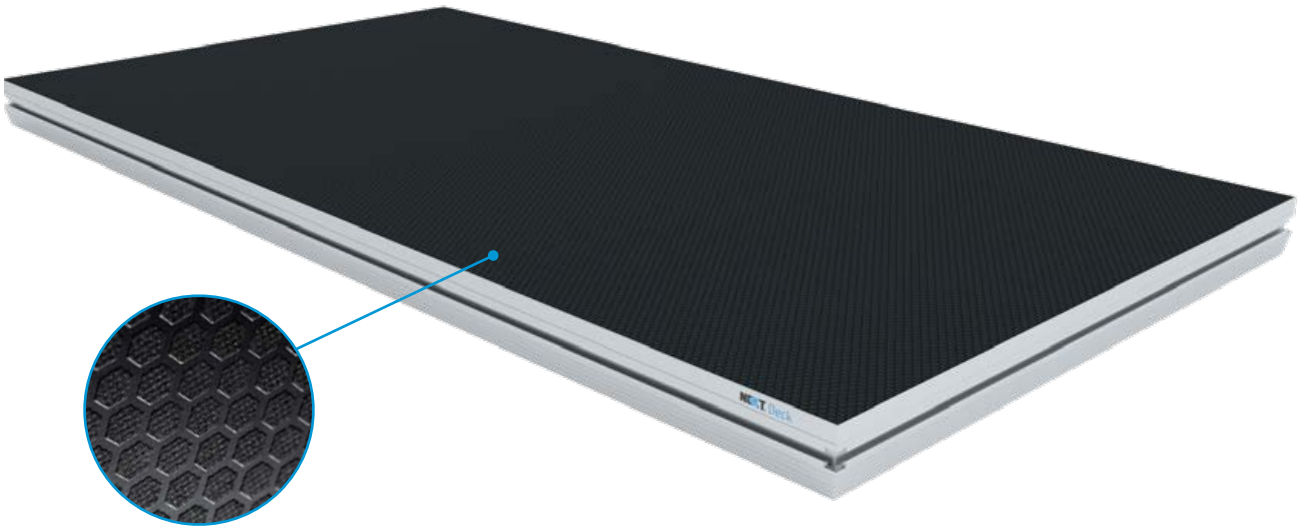


A longitudinal beam ensures full stability and minimum deflection than other brands in the market. A TÜV certificate and the structural report confirms this high quality.



The NEXT Deck has its own special extruded profile. All accessories like self-leveling inserts, railing clamps, stairs, clamps or assembly inserts are fastened to the profile section.

NEXT Stage Deck Outdoor



Black Hexa Plywood

NEXT STAGE DECK OUTDOOR

Build a stage the way you want it!
Specially developed and designed for outdoor use, the NEXT Stage Deck Outdoor. The NEXT Stage Deck is a TÜV Certified portable stage platform that is extremely compact and durable. The stage deck can be supported on removable legs and is perfect for making temporary and demountable stages. It is therefore ideal for use at conferences, fashion shows, exhibitions, concerts, etc.

With the lightweight yet very strong stage section you can make truly amazing constructions for performances, entertainment, or even a grandstand/step unit. The NEXT Stage Deck outdoor is made of an aluminum profile which is extruded. On top of this profile a wooden plate has been applied on which an anti-slip layer has been applied.
The decks are available in the following four standard dimensions: 2.0x1.0 m / 2.0x0.5 m / 1.0x1.0 m / 1.0x0.5 m. In addition, the NEXT Stage Deck Outfoor is also available in a triangular shape and round parts.

The NEXT Deck can be supported on standard round legs telescopic legs, or legs with adjustable feet. Rubber feet on the legs provide stability.

THE ESSENTIALS

- Lightweight
- Anti Slip topping
- Compatible with other brands *(ask for possibilities)*
- TÜV Certified
- For in & outdoor use
- Vertical loading up to 750 kg / m2
- Loading according to DIN 15921

Technical specifications

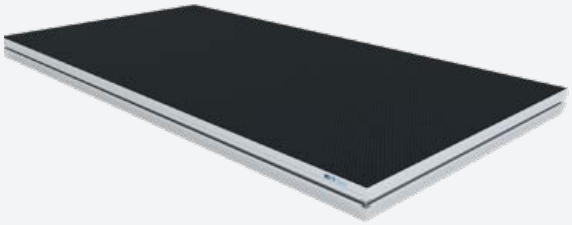
Height of the Deck	90 mm
Standard Width	2.000 mm
Standard Depth	1.000 mm
Standard Weight	37 kg
Max. Loading	750 kg/m2 (UDL)
Material	Aluminium, Plywood
Alloy Aluminium	EN AW 6063 T-66
Plywood	15 mm (100 % birch) with Black Hexa anti slip

NEXT Stage Deck Outdoor

The NEXT deck outdoor is available in the following standard metric dimensions.

NEXT Stage Deck Outdoor 2x1

Productcode	**NXD-H200x100**
Width	2.000 mm
Depth	1.000 mm
Height	90 mm
Weight	37 kg
Toplayer	15 mm Plywood Black Hexa anti slip



NEXT Stage Deck Outdoor 1x1

Productcode	**NXD-H100x100**
Width	1.000 mm
Depth	1.000 mm
Height	90 mm
Weight	22 kg
Toplayer	15 mm Plywood Black Hexa anti slip

NEXT Stage Deck Outdoor 2x0,5

Productcode	**NXD-H200x50**
Width	2.000 mm
Depth	500 mm
Height	90 mm
Weight	23 kg
Toplayer	15 mm Plywood Black Hexa anti slip

NEXT Stage Deck Outdoor 1x0,5

Productcode	**NXD-H100x50**
Width	1.000 mm
Depth	500 mm
Height	90 mm
Weight	13 kg
Toplayer	15 mm Plywood Black Hexa anti slip

NEXT Stage Deck Outdoor – Triangle

In the NEXT Stage Deck Outdoor line we also offer triangular, thanks to these parts the possibilities are almost unlimited. Each section is produced by hand. For this reason, small deviations in size and shape can occur!

Build an angled stage the way you want it!

NEXT Stage Deck Outdoor 1x1 - Triangle

Productcode	**NXD-HT100X100**
Width	2.000 mm
Depth	1.000 mm
Height	90 mm
Weight	kg
Toplayer	15 mm Plywood Black Hexa anti slip

NEXT Stage Deck Outdoor 2x1 - Triangle Right

Productcode	**NXD-HT200X100R**
Width	2.000 mm
Depth	1.000 mm
Height	90 mm
Weight	kg
Toplayer	15 mm Plywood Black Hexa anti slip

NEXT Stage Deck Outdoor 2x1 - Triangle Left

Productcode	**NXD-HT200X100L**
Width	2.000 mm
Depth	1000 mm
Height	90 mm
Weight	kg
Toplayer	15 mm Plywood Black Hexa anti slip

Picture by tom fisk via Pexels

NEXT Stage Deck Outdoor – Round

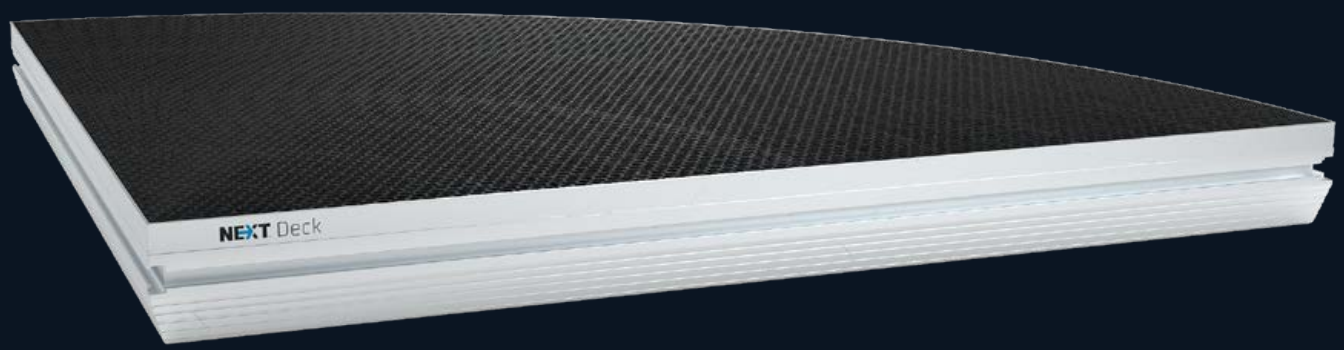
In the NEXT Stage Deck Outdoor line we also offer complete round stages, by using special round parts the possibilities are almost unlimited. Each part is produced by hand. For this reason, small deviations in size and shape may occur!

The round podiums are available in three different radius, 100, 200 and 300 cm. In the drawings below are examples of how a round stage is built. It is also possible to build a quarter or half stage, this provides the opportunity to make combinations. The larger a stage is, the more standard parts are used. Round decks have the same basic specifications as the NEXT Outdoor decks such as 90 mm profile height and 15 mm Plywood that is equipped with Black Hexa anti slip.

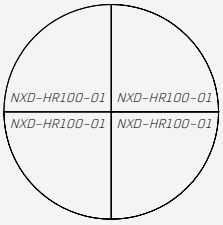
A complete listing can be found on the following page. In the NEXT Stage Deck Outdoor line we also offer complete round stages, by using special round parts the possibilities are almost unlimited. Each part is produced by hand. For this reason, small deviations in size and shape may occur!

Exact dimensions and weights of the following stages are available upon request.

Build a round stage the way you want it!

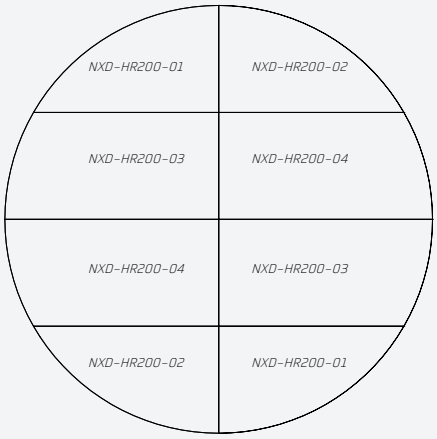


NEXT Stage Deck Outdoor – Diameter 200cm / Radius 100 cm



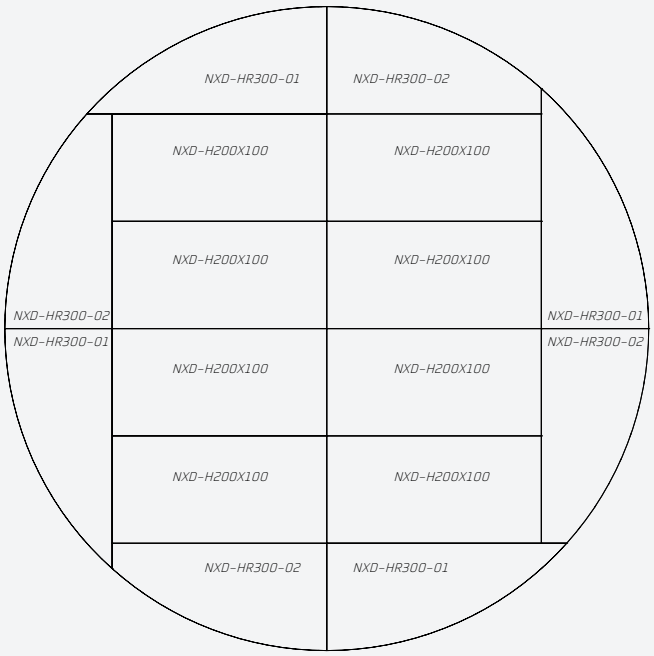
Amount	Code	Description
4x	NXD-HR100-01	DECK RADIUS 100CM 90DGR 100X100CM

NEXT Stage Deck Outdoor – Diameter 400cm / Radius 200 cm



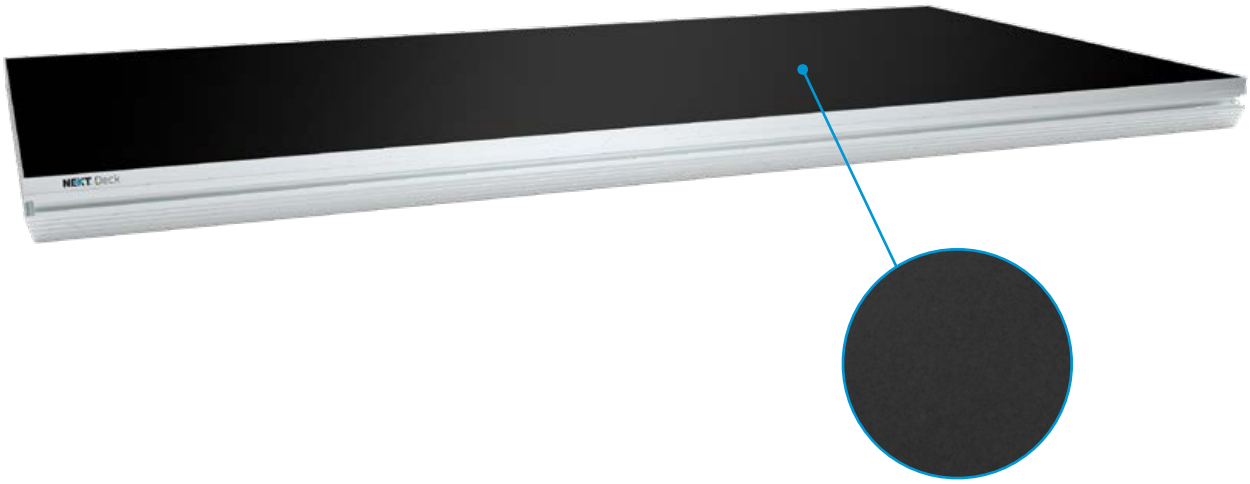
Amount	Code	Description of deck part
2x	NXD-HR200-01	DECK RADIUS 200CM 173X100CM RIGHT
2x	NXD-HR200-02	DECK RADIUS 200CM 173X100CM LEFT
2x	NXD-HR200-03	DECK RADIUS 200CM 200X100CM RIGHT
2x	NXD-HR200-04	DECK RADIUS 200CM 200X100CM LEFT

NEXT Stage Deck Outdoor – Diameter 600cm / Radius 300 cm



Amount	Code	Description
8x	NXD-H200X100	STAGE DECK 2X1M OUTDOOR
4x	NXD-HR300-01	DECK RADIUS 300CM 224X100CM
4x	NXD-HR300-02	DECK RADIUS 300CM 200X100CM

NEXT Stage Deck Indoor



Black Plywood

NEXT STAGE DECK INDOOR

Build a stage the way you want it!
NEXT Truss offers a dedicated line for indoor use only. These decks are similar to the outdoor line but have a different top layer.

The NEXT Stage Deck is a TÜV Certified portable stage platform that is extremely compact and durable. The stage deck can be supported on removable legs and is perfect for making temporary and demountable stages. It is therefore ideal for use at conferences, fashion shows, exhibitions, concerts, etc.

With the lightweight yet very strong stage section you can make truly amazing constructions for performances, entertainment, or even a grandstand/step unit. The NEXT Stage Deck indoor is made of an aluminum profile which is extruded. On top of this is a plywood plate which is painted black. The decks are available in the following four standard dimensions: 2.0x1.0 m / 2.0x0.5 m / 1.0x1.0 m / 1.0x0.5 m.

The NEXT Deck can be supported on standard round legs telescopic legs, or legs with adjustable feet. Rubber feet on the legs provide stability.

THE ESSENTIALS

- Lightweight
- Black topping
- Compatible with other brands (ask for possibilities)
- TÜV Certified.
- For indoor use
- Vertical loading up to 750 kg / m2
- Loading according to DIN 15921

Technical specifications

Height of the deck	90 mm
Standard Width	2.000 mm
Standard Depth	1.000 mm
Standard Weight	37 kg
Max. Loading	750 kg/m2 (UDL)
Material	Aluminium, Plywood
Alloy Aluminium	EN AW 6063 T-66
Plywood	15 mm (100 % birch)

NEXT Stage Deck Indoor

The NEXT deck indoor is available in the following standard metric dimensions.

NEXT Stage Deck Indoor 2x1

Productcode	**NXD-B200x100**
Width	2.000 mm
Depth	1.000 mm
Height	90 mm
Weight	37 kg
Toplayer	15 mm Plywood
Color	Black

NEXT Stage Deck Indoor 1x1

Productcode	**NXD-B100x100**
Width	1.000 mm
Depth	1.000 mm
Height	90 mm
Weight	22 kg
Toplayer	15 mm Plywood
Color	Black

NEXT Stage Deck Indoor 2x0,5

Productcode	**NXD-B200x50**
Width	2.000 mm
Depth	500 mm
Height	90 mm
Weight	23 kg
Toplayer	15 mm Plywood
Color	Black

NEXT Stage Deck Indoor 1x0,5

Productcode	**NXD-B100x50**
Width	1.000 mm
Depth	500 mm
Height	90 mm
Weight	13 kg
Toplayer	15 mm Plywood
Color	Black

LEGS for Decks

The NEXT Deck can be supported by the standard, telescopig, legs or legs equipped with Castor Wheels. No tools are needed to mount the legs in the stage parts, the legs are fixed by tightening a lever. Rubber feet of the deck legs ensure stability. The kind of leg and height of the legs you choose will determine the amount of loading that is allowed.

What maximum loading capacity can I handle with which legs?							
Standard Round Legs	**Maximum Uniformly Distributed Loading kg/m²**						
NEXT Stage Deck height in CM	**20 cm**	**40 cm**	**60 cm**	**80 cm**	**100cm**	**125 cm**	**150 cm**
Standard legs (aluminium) – Ø48 x 3 mm	500	500	500	500	N.A	N.A	N.A
Standard legs (aluminium) – Ø50 x 4 mm	750	750	750	750	N.A	N.A	N.A
Standard legs (steel) – Ø48,3 x 3,2	750	750	750	750	750*	750*	N.A
Standard legs (steel) – Ø48,3 x 3,2 with diagonals on each side	750	750	750	750	750*	750*	750*

Adjustable Round Legs	**Maximum Uniformly Distributed Loading kg/m²**						
NEXT Stage Deck height in CM	**20 cm**	**40 cm**	**60 cm**	**80 cm**	**100cm**	**125 cm**	**150 cm**
Adjustable legs (aluminium) – Ø48 x 3 mm	500	500	500	500	N.A	N.A	N.A

Telescopic Legs	**Maximum Uniformly Distributed Loading kg/m²**					
NEXT Stage Deck height in CM	45 ~ 60 cm	60 ~ 90 cm	90 ~ 140 cm	100 ~ 160 cm	120 ~ 190 cm	150 ~ 220 cm
NEXT Deck telescopic legs	750	750	350*	350*	350*	350*

** Only possible with the support of diagonals from 100cm height*
N.A = Not Applicable

Telescopic Legs

Telescopic legs ensure a fluent regulation of the deck height in the defined range.

How to use it:
Release both the knob and the M10 hexagon socket to release the inner tube. Extend the leg to the desired length, a built-in tape measure ensures perfect measurement of the height.

Lock the leg by fastening both the knob and the M10 hexagon socket.

Telescopic Legs

Productcode	Height
NXD-LEG-45-60	45 ~ 60 cm
NXD-LEG-60-90	60 ~ 90 cm
NXD-LEG-90-140	90 ~ 140 cm
NXD-LEG-100-160	100 ~ 160 cm
NXD-LEG-120-190	120 ~ 190 cm
NXD-LEG-150-220	150 ~ 220 cm

** The given height is the possible desired height at the top of the deck.*

Standard Legs

These fixed legs come in various heights. We've made it easy, for example if you order a 20 cm leg your stage will have a finished height of 20cm.

Standard Legs

Productcode	Height	Material
NXD-LEG-020	20 cm	Alu Ø50 x 4 mm
NXD-LEG-030	30 cm	Alu Ø50 x 4 mm
NXD-LEG-040	40 cm	Alu Ø50 x 4 mm
NXD-LEG-050	50 cm	Alu Ø50 x 4 mm
NXD-LEG-060	60 cm	Alu Ø50 x 4 mm
NXD-LEG-070	70 cm	Alu Ø50 x 4 mm
NXD-LEG-080	80 cm	Alu Ø50 x 4 mm
NXD-LEG-090	90 cm	Steel Ø48,3 x 3,2 m
NXD-LEG-100	100 cm	Steel Ø48,3 x 3,2 mm
NXD-LEG-120	120 cm	Steel Ø48,3 x 3,2 mm

** The given height is the desired height at the top of the deck.*

LEGS & LEGS ACCESSORIES for Decks

The leg to leg clamps are designed to connect the legs to each other and create a solid construction.
Available in single and double versions.

Adjustable Legs

These adjustable legs come in various heights. We've made it easy, for example if you order a 20 cm leg your stage will have a finished height of 20cm.

Adjustable Legs

Productcode	Height	Material
NXD-LEG-020-ADJ	20 cm	Alu Ø50 x 4 mm
NXD-LEG-030-ADJ	30 cm	Alu Ø50 x 4 mm
NXD-LEG-040-ADJ	40 cm	Alu Ø50 x 4 mm
NXD-LEG-050-ADJ	50 cm	Alu Ø50 x 4 mm
NXD-LEG-060-ADJ	60 cm	Alu Ø50 x 4 mm
NXD-LEG-070-ADJ	70 cm	Alu Ø50 x 4 mm
NXD-LEG-080-ADJ	80 cm	Alu Ø50 x 4 mm
NXD-LEG-090-ADJ	90 cm	Steel Ø48,3 x 3,2 m
NXD-LEG-100-ADJ	100 cm	Steel Ø48,3 x 3,2 mm
NXD-LEG-120-ADJ	120 cm	Steel Ø48,3 x 3,2 mm

** The given height is the desired height at the top of the deck.*

Diagonal Braces

For some legs above a certein height diagonal braces are needed to ensure the maximum carrying capacity of 750m² .

Diagonal braces for standard legs

Productcode	Description
NXD-DIA-2-120	FOR 2M SIDE 120CM HEIGHT
NXD-DIA-1-120	FOR 1M SIDE 120CM HEIGHT
NXD-DIA-CLP	CLAMP FOR DIAGONAL BRACES (2 Clamps incl screws and nuts)

Diagonal braces for telescopic legs

Productcode	Description
NXD-DIAT-2-120	FOR 2M SIDE 120CM HEIGHT
NXD-DIAT-1-120	FOR 1M SIDE 120CM HEIGHT
NXD-DIAT-2-150	FOR 2M SIDE 150CM HEIGHT
NXD-DIAT-1-150	FOR 1M SIDE 150CM HEIGHT
NXD-DIAT-2-200	FOR 2M SIDE 200CM HEIGHT
NXD-DIAT-1-200	FOR 1M SIDE 200CM HEIGHT
NXD-DIA-CLP	CLAMP FOR DIAFONAL BRACES (2 Clamps incl screws and nuts)

Castor wheel Legs

These fixed legs come in different heights and are fitted with a castor wheel, ideal for making rolling risers. The wheels can be fitted with or without a brake.

Castor wheel Legs

Productcode	Height
NXD-LEG-030-C01	30 cm
NXD-LEG-040-C01	40 cm
NXD-LEG-030-C02	30 cm w/ brake
NXD-LEG-040-C02	40 cm w/ brake
NXD-LEG-030-C03	30 cm double leg
NXD-LEG-040-C03	40 cm double leg
NXD-LEG-030-C04	30 cm double leg w/ brake
NXD-LEG-040-C04	40 cm double leg w/ brake

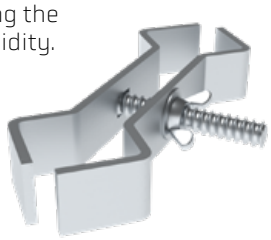
** The given height is the desired height of the deck.*

LEGS ACCESSORIES for Decks

The leg to leg clamps are designed to connect the legs to each other and create a solid construction.
Available in single and double versions.

Leg to leg clamp Single

Clamp for two round legs, the single leg to leg clamp provides a stable base, by connecting the legs of the stage to provide much more rigidity.

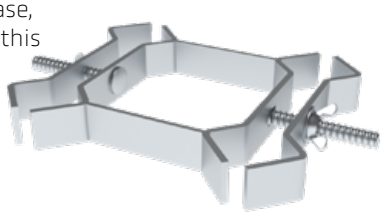


Specifications

Productcode	**NXD-LC-S**
Length	180 mm
Width	100 mm
Height	40 mm
Weight	0,7 kg

Leg to leg clamp Double

Clamp for four round legs, the double leg to leg clamp provides a stable base, by connecting the legs of the stage this provides much more rigidity.



Specifications

Productcode	**NXD-LC-D**
Length	242 mm
Width	180 mm
Height	40 mm
Weight	1,6 kg

Picture by wendy wei via Pexels

FIXED STAIRS for Decks

To enter a stage construction that is higher then stepping level we offer two high quality solutions. The fixed stairs are available in four different heights. The stairs have adjustable feet which make it possible to place and level the stairs on uneven surfaces. The stairs adapt to both the NEXT Deck indoor and outdoor decks.

FIXED Stairs explained

The steps come in modular 20 cm increments allowing you to increase the height of your step unit by adding a unit to the first and bolting them together.

It is also possible to connect the steps sideways to create a wider staircase. The handrail is also attached to the side of the stairs, this can be on both the left and right side and if desired also in the middle.

The size of each step is 910 x 225 mm.

***** *Handrailings are availalble from the use of two steps.*

FIXED Stairs

Solid stairs that can be combined to create different heights. The steps have the same height increase of 20 cm.

The Steps are made of 12 mm anti-slip plywood, with the size of 910 x 225 mm.

A connection set to connect the steps to the decks is included with the first step. It is also possible to connect the stairs directly to the deck.

***** *Handrailings are availalble from the use of two steps.*

Leg connection for fixed stairs

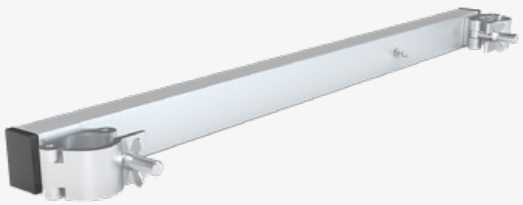
Productcode	Description
NXD-STAIR-020	STAIR UNIT 20CM HEIGHT INCL. 2 T-bolts
NXD-STAIR-040	STAIR UNIT 40CM HEIGHT INCL. CON SET TO LOWER STAIR
NXD-STAIR-060	STAIR UNIT 60CM HEIGHT INCL. CON SET TO LOWER STAIR
NXD-STAIR-080	STAIR UNIT 80CM HEIGHT INCL. CON SET TO LOWER STAIR
NXD-STAIR-100	STAIR UNIT 100CM HEIGHT INCL. CON SET TO LOWER STAIR

FIXED STAIRS for Decks

For both deck and stairs Next Truss has handrails available, for the fixed stairs we offer the option below.

LEG CONNECTION For fixed stairs

When the modular units cannot be connected to the deck due to the height of the stage, you can use a special stair to leg connection. These are available in 1 and 2–meter variants and can be attached to the stage legs by means of a tube clamp. In this way, a safe connection is made between the stairs and the stage when the stairs cannot be attached to the profile.



Leg connection for fixed stairs

Productcode	Description
NXD–STAIR–CON1	Modular stair leg connection 1 meter
NXD–STAIR–CON2	Modular stair leg connection 2 meter

HANDRAIL For fixed stairs

By connecting the handrail, the stairs are completed. The handrails for the fixed stairs are mounted directly onto the stairs.

One handrailing can be used up to 60 cm of stairs, for 80 cm and 100 cm stairs two handrailings are to be com–bined.

The connection of the handrails to the stairs are included, When two hand railings are used at 80/100 cm height, an additional connection set is required to connect the two hand railings with each other.

All modular hand rails are delivered powder coated black.

Handrail for modular incl. connection

Productcode	Description
NXD–HR–FS	Handrail for fixed stair incl. connection

ADJUSTABLE STAIRS for Decks

To enter a stage construction that is higher than stepping level we offer two high-quality solutions: modular & adjustable stairs. The adjustable stairs are available in five different height variations. Starting at 40 cm up to 180 cm high. The stairs are made from welded steel profiles and 15 mm plywood, making them robust for uneven surfaces.

ADJUSTABLE Stairs

Adjustable stairs offer a flexible alternative with stairs starting at 40 cm and reaching a maximum of 180 cm in height. They connect to the side of the deck with an integrated connector that can be bolted to the profile of the deck.

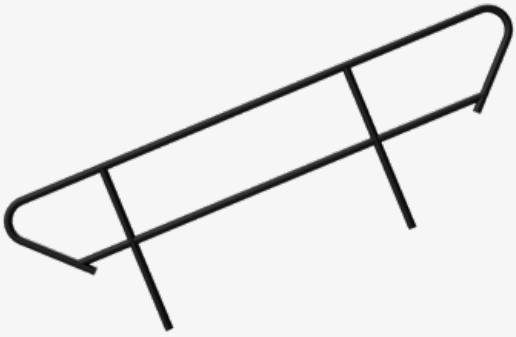
The stair treads are self-levelling, which allows the stairs to be quickly adjusted to different heights.

** Stairs are standard delivered without the handrailing*
** On the 40/60 cm and 16-24 inch stairs no handrailing is possible*

ADJUSTABLE Stairs Railing

The adjustable stair handrailing is available in two sizes. The NXD-HR-AS is for the stair from 60 till 180 cm. The NXD-HR-AS1 is specially for the adjustable stair of 45/75 cm.

The railing is made from durable aluminium and can be used on both left and right side of the stairs.



Adjustable Stair Railing

Productcode	Description
NXD-HR-AS	HANDRAIL FOR ADJ. STAIR A03, A04 & A05
NXD-HR-AS1	HANDRAIL FOR ADJ. STAIR A02

ADJUSTABLE STAIRS for Decks

The adjustable stairs are available in the following standard metric dimensions.

Adjustable stair 40/60 CM (no handrails possible)

Productcode	Description
NXD-STAIR-A01	*Adjustable stair 40/60 CM (no handrails possible)*

Adjustable stair 45/75 CM

Productcode	Description
NXD-STAIR-A02	*Adjustable stair 45/75 CM*

Adjustable stair 60/100 CM

Productcode	Description
NXD-STAIR-A03	*Adjustable stair 60/100 CM*

Adjustable stair 80/140 CM

Productcode	Description
NXD-STAIR-A04	*Adjustable stair 80/140 CM*

Adjustable stair 100/180 CM

Productcode	Description
NXD-STAIR-A05	*Adjustable stair 100/180 CM*

HANDRAILING for Decks

We offer black coated steel handrails that can be used with all standard sizes of decks in metric 200cm and 100cm.
The steel handrails are very durable and at the same time very light, an additional bar added to the handrail as a protection against falling objects; for example flight cases.

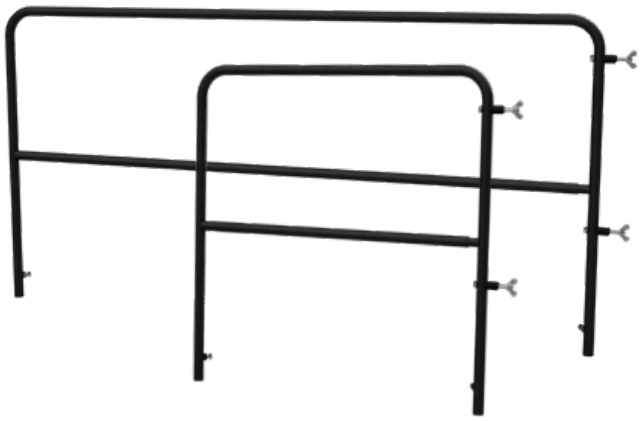
The handrails are fixed to the decks by sliding in adaptors in the side profile of the NEXT Deck, both in & outdoor versions have this profile. All handrailings are powder-coated black.

HANDRAILING for Decks

We offer black coated steel handrails that can be used with all standard sizes of decks in metric 200cm and 100cm.
The steel handrails are very durable and at the same time very light, an additional bar added to the handrail as a protection against falling objects; for example flight cases.

The handrails are fixed to the decks by sliding in adaptors in the side profile of the NEXT Deck, both in & outdoor versions have this profile. All handrailings are powder-coated black.

STANDARD Handrailing



Our standard handrailings can withstand a horizontal load of 30 kg/m².
This type of railing is usually used for stages that are not accessible to large groups of audiences.

Technical specifications

Width	51 mm
Height	1.002 mm
Max pressure	30 kg

Productcode	**Description**
NXD-SHR-L050	50CM steel black
NXD-SHR-L100	100CM steel black
NXD-SHR-L200	200CM steel black

- *The connection material, necessary for connecting the handrailing, is included.*

These parts must be ordered separately.
- *To connect the handrailing to the stage decks two adaptors are needed (NXD-SHR-ADAPT).*
- *To connect the handrailing in the corner two corner connection parts are needed (NXD-SHR-CON).*

ADJUSTABLE Handrailing

It may happen that a hand railing is needed with a separate size, the adjustable hand railing is a solution for this. These handrailings are available in the lengths of 85/140 cm and 140/210 cm.

Our standard handrailings can withstand a horizontal load of 30 kg/m².
This type of railing is usually used for stages that are not accessible to large groups of audiences.

Technical specifications

Width	51 mm
Height	1.002 mm
Max pressure	30 kg

Productcode	**Description**
NXD-SHR-ADJ	85/140CM steel black
NXD-SHR-ADJ-L	140/210CM steel black

- *The connection material, necessary for connecting the handrailing, is included.*

These parts must be ordered separately.
- *To connect the handrailing to the stage decks two adaptors are needed (NXD-SHR-ADAPT).*
- *To connect the handrailing in the corner two corner connection parts are needed (NXD-SHR-CON).*

HANDRAILING ACCESSORIES for Decks

The following accessories need to be ordered separately, these accessories are part of the standard and adjustable handrails. Adapters to connect the handrail to the deck and to connect 90-degree corners are not standard with the product and must be ordered separately.

HANDRAILING TO DECK Adapter

Adaptor handrail outside deck	
Productcode *NXD-SHR-ADAPT*	**Description** Adaptor to connect the handrail to the deck.

HANDRAILING CORNER Connection

Corner connection handrail	
Productcode *NXD-SHR-CON*	**Description** Connection part to connect the handrails at 90° corners

DECK TO DECK Clamp

The deck-to-deck clamp is used to connect the decks from the bottom side, to prevent vertical movement use in combination with the NXD-DL. deck leveler.

Deck to Deck Clamp	
Productcode	**Description**
NXD-DD	Deck to deck clamp

DECK Connector

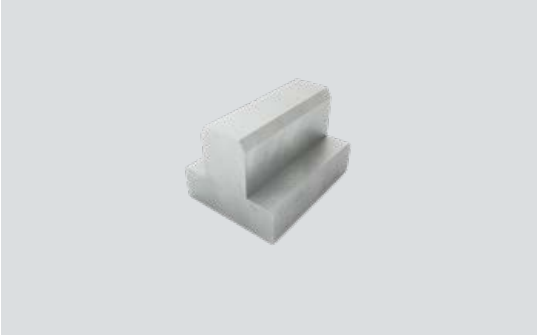
The deck connector can be used to connect the decks in low stage constructions and/or in situations where the deck-to-deck clamps cannot be used. Connectors are inserted in the side of the profile, by turning an allen key, the decks are secured together.

Deck to Deck Connector	
Productcode	**Description**
NXD-CC	Deck to deck connector

DECK Leveler

To level the Decks use a deck leveler every one-meter insert it into the profile, this helps reduce vertical movement and assists in construction. Use in combination with the NXD-DD. deck to deck clamp.

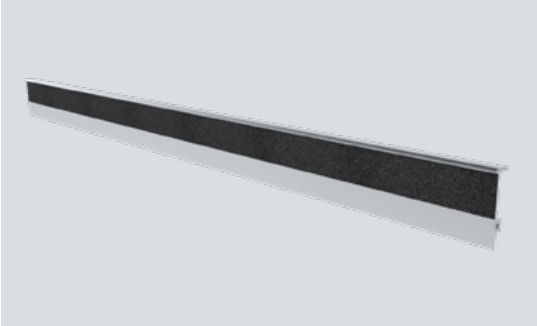
Deck Leveler	
Productcode	**Description**
NXD-DL	Deck leveler



SKIRTING Profile

This skirting profile clicks in and onto the NEXT Deck system, it holds a velcro strip to skim off the stage.

Skirting Profile	
Productcode	**Description**
NXD-SKIRT-200	Skirting profile 1970 mm
NXD-SKIRT-100	Skirting profile 970 mm



DOLLY for Decks

DOLLY 15 decks

An ideal solution for transporting up to 15 stage decks (2x1m). Suitable for all stage decks, the stage decks are horizontal on this dolly. Placing and removing the stage decks is therefore very easy. If necessary, a strap can be used to attach the decks to the dolly during transport.

On the back of the dolly is a push bar attached for guiding the dolly.

Technical Specifications

Productcode	**NXD-DOLLY-01**
Length	2146 mm
Width	1040 mm
Height	997 mm
Weight	41 kg
Material	Steel

DOLLY 6 decks

The ideal solution for transporting your stage decks. Suitable for stage parts of 100 x 200. The rear rack keeps up to 6 decks in place for safe and easy transport. Placing and removing the stage parts is therefore also very easy. No braces or straps are needed.

Technical Specifications

Productcode	**NXD-DOLLY-02**
Length	2156 mm
Width	611 mm
Height	1181 mm
Weight	45 kg
Material	Steel