

# Layher Truss Systems

Lightweight, versatile and strong.

# 6



# Layher Event Stage 7 x 4 "Verona"

# 7

So that even small festivals will make a big impression.

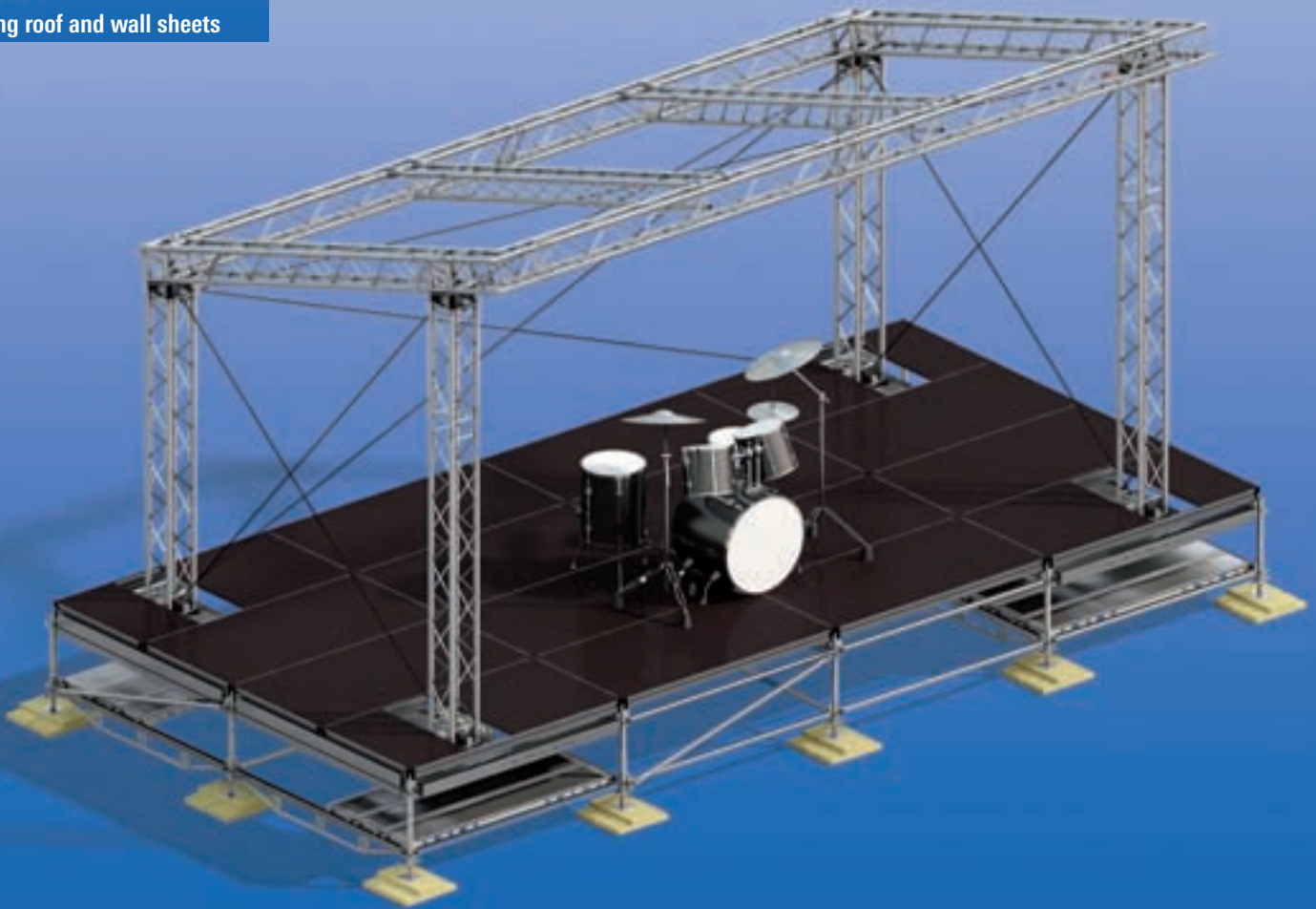
The 23 m<sup>2</sup> Event stage "Verona" is as impressive as it is attractive. The interaction of Layher Truss System 29/4 for the roof structure with the Layher Event Systems EV 86, EV 100 or EV 104 for the stage structure enables you to put on a magnificent and safe appearance.



Including roof and wall sheets



Stage system based on Layher Allround equipment!



## "Verona" Complete KITS

**KIT 5018601** Event stage "Verona" 7 x 4 in System EV 86

**KIT 5010001** Event stage "Verona" 7 x 4 in System EV 100

**KIT 5010401** Event stage "Verona" 7 x 4 in System EV 104

A complete inspection book is available for all variants from 7 x 4 to 13 x 11!

## Basic technical data

Stage size EV 86: 8.44 x 5.29 m  
Stage size EV 100: 8.15 x 4.15 m  
Stage size EV 104: 8.44 x 4.29 m

Permissible stage load capacity: 500 kg/m<sup>2</sup>  
Total height: 4.75 m  
Roofed area: 7.10 x 3.78 m  
Clear height: 3.55 m (front)  
Max. roof load: 470 kg

System tower: 29/4  
System main beam: 29/4

Maximum wind speeds  
in operation: 72 km/h  
not in operation\*: 128 km/h

\* without wall sheets

All dimensions specified are external dimensions.

# Layher Event Stage 9x6 "Madrid"

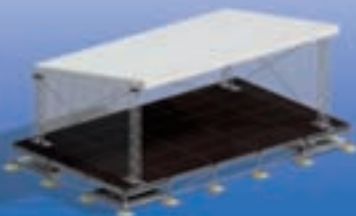
Economic efficiency in its finest form.

# 8

With more than 52 m<sup>2</sup> of roof-covered stage area, this stage is an extremely attractive and economical variant – in both its purchase and its assembly. What's more, the stage roof is persuasive thanks to its outstanding load-bearing values.



Stage system based on Layher Allround equipment!



Including roof and wall sheets



## "Madrid" Complete KITS

**KIT 5018602** Event stage "Madrid" 9 x 6 in System EV 86

**KIT 5010002** Event stage "Madrid" 9 x 6 in System EV 100

**KIT 5010402** Event stage "Madrid" 9 x 6 in System EV 104

A complete inspection book is available for all variants from 7 x 4 to 13 x 11!

## Basic technical data

Stage size EV 86:	10.51 x 6.15 m	System tower:	29/4
Stage size EV 100:	10.15 x 6.15 m	System main beam:	29/4
Stage size EV 104:	10.51 x 6.37 m		
Permissible stage load capacity:	500 kg/m <sup>2</sup>	Maximum wind speeds	
Total height:	4.75 m	in operation:	72 km/h
Roofed area:	9.10 x 5.75 m	not in operation* :	128 km/h
Clear height:	3.55 m (front)		
Max. roof load:	720 kg		

\* without wall sheets

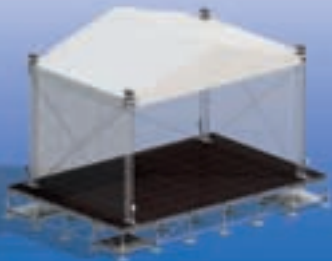
All dimensions specified are external dimensions.

# Layher Event Stage 11 x 7 "Sydney"

Strength meets elegance.

# 9

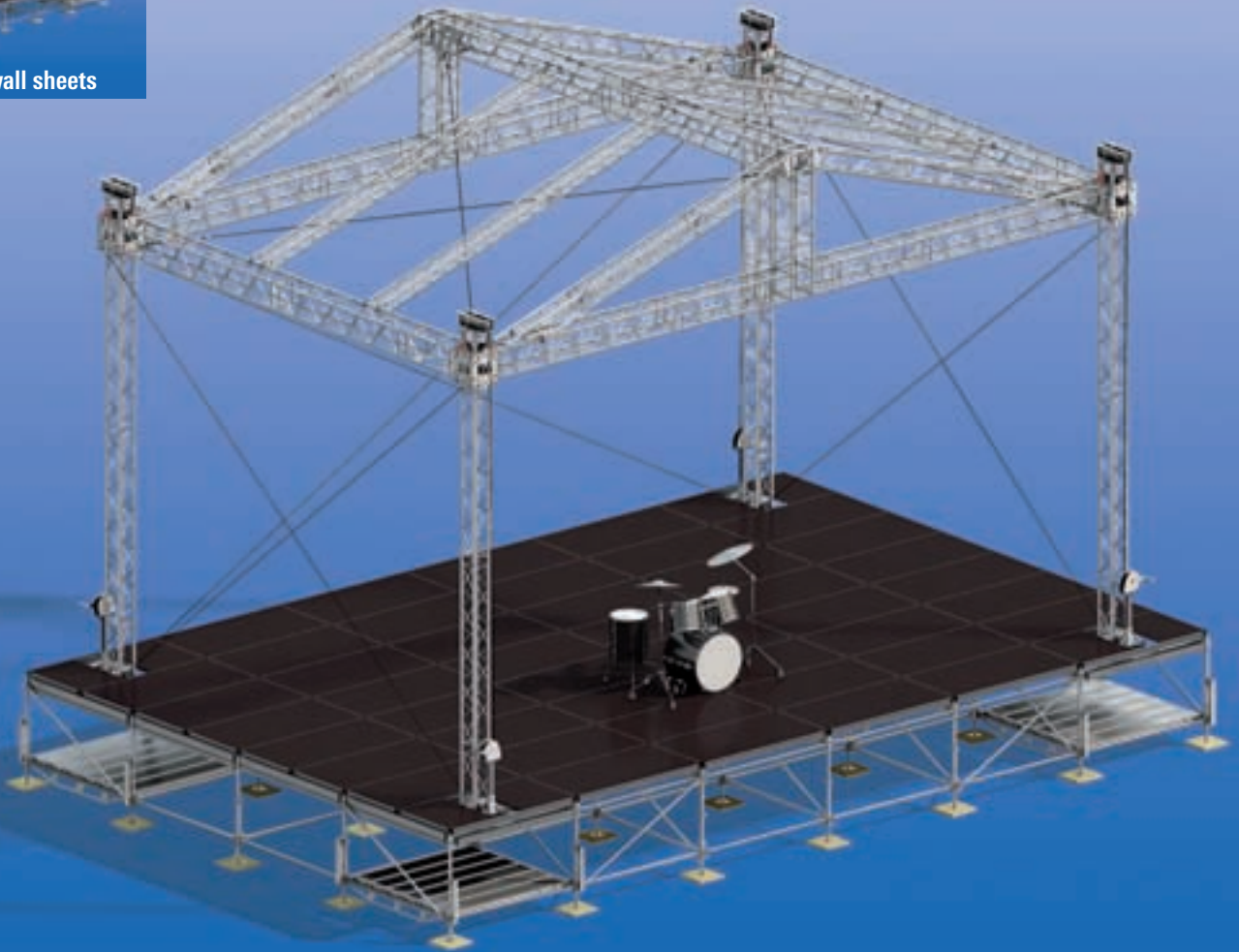
With more than 80 m<sup>2</sup> of roof-covered stage area, this is a particularly elegant and very strong variant. For all variants up to a roof size of 13 x 11 m<sup>2</sup>, an inspection book is included. That means you can use the flexibility of this system profitably for further projects.



Including roof and wall sheets



Stage system based on Layher Allround equipment!



## "Sydney" Complete KITS

**KIT 5028601** Event stage "Sydney" 11 x 7 in System EV 86

**KIT 5020001** Event stage "Sydney" 11 x 7 in System EV 100

**KIT 5020401** Event stage "Sydney" 11 x 7 in System EV 104

A complete inspection book is available for all variants from 7 x 4 to 13 x 11!!

## Basic technical data

Stage size EV 86: 12.58 x 7.87 m  
Stage size EV 100: 12.15 x 8.15 m  
Stage size EV 104: 12.58 x 8.44 m

Permissible stage load capacity: 500 kg/m<sup>2</sup>  
Total height: 8.81 m  
Roofed area: 10.98 x 7.33 m  
Clear height: 5.89 m  
Max. roof load: 1.680 kg

System tower: 29/4  
System main beam: 39/4

Maximum wind speeds  
in operation: 72 km/h  
not in operation\*: 128 km/h

\* without wall sheets

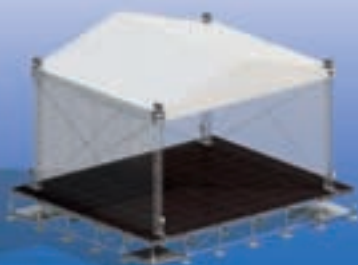
All dimensions specified are external dimensions.

# Layher Event Stage 11 x 9 "London"

# 10

Your entry into the "100 Class".

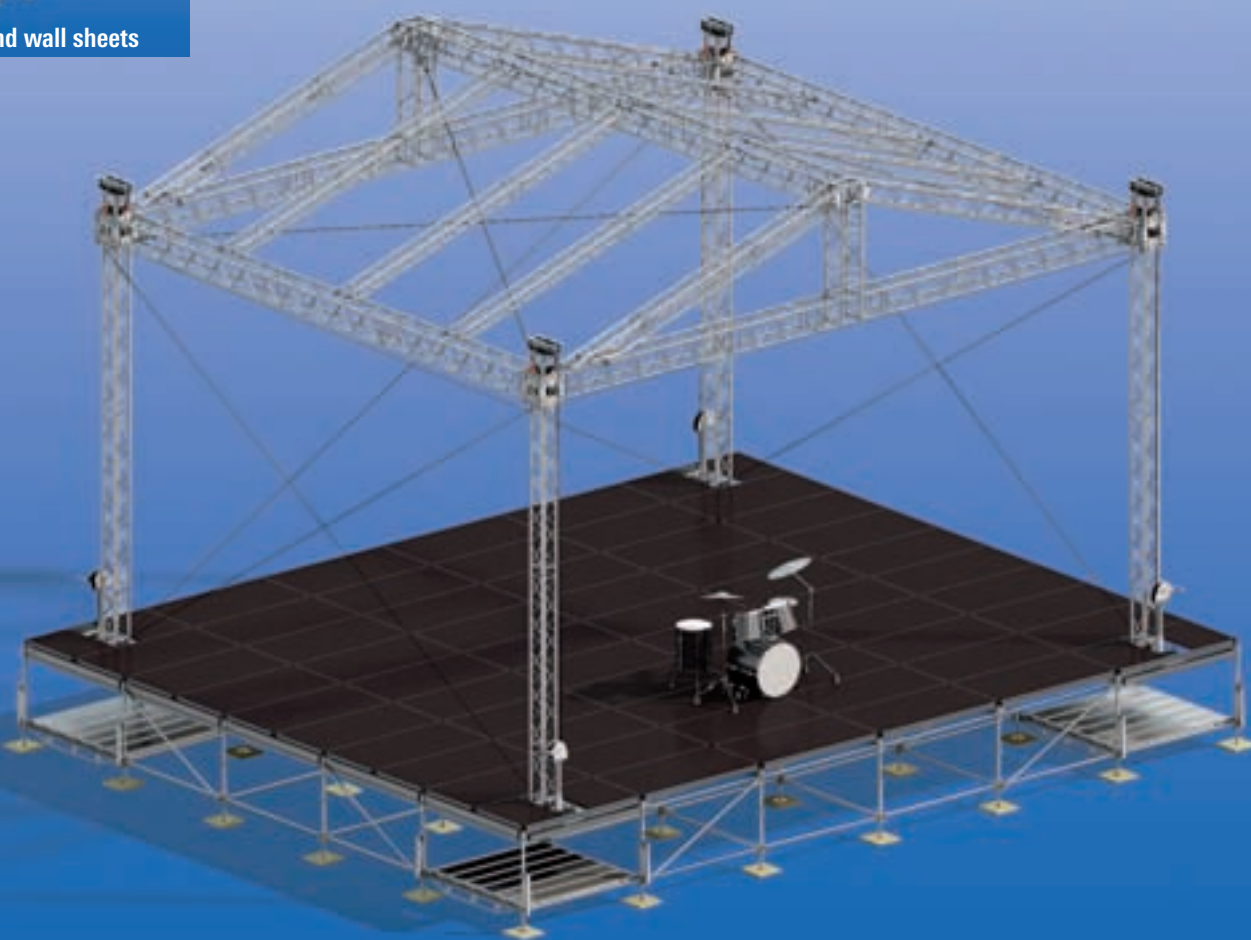
This stage is your entry ticket to the category of truss-type stages with more than 100 m<sup>2</sup> of roofed stage area. It has both excellent load-bearing capacities and an overall low transport and storage volume.



Including roof and wall sheets



Stage system based on Layher Allround equipment!



## "London" Complete KITS

**KIT 5028602** Event stage "London" 11 x 9 in System EV 86

**KIT 5020002** Event stage "London" 11 x 9 in System EV 100

**KIT 5020402** Event stage "London" 11 x 9 in System EV 104

A complete inspection book is available for all variants from 7 x 4 to 13 x 11!

## Basic technical data

Stage size EV 86:	12.58 x 9.58 m	System tower:	29/4
Stage size EV 100:	12.15 x 10.15 m	System main beam:	39/4
Stage size EV 104:	12.58 x 10.51 m		

Permissible stage load capacity:	500 kg/m <sup>2</sup>	Maximum wind speeds	
Total height:	8.81 m	in operation:	72 km/h
Roofed area:	10.98 x 9.33 m	not in operation*:	128 km/h
Clear height:	5.89 m		
Max. roof load:	2.040 kg		

\* without wall sheets

All dimensions specified are external dimensions.

# Layher Event Stage 13 x 11 "Moscow"

# 11

Simply beautiful and beautifully simple.

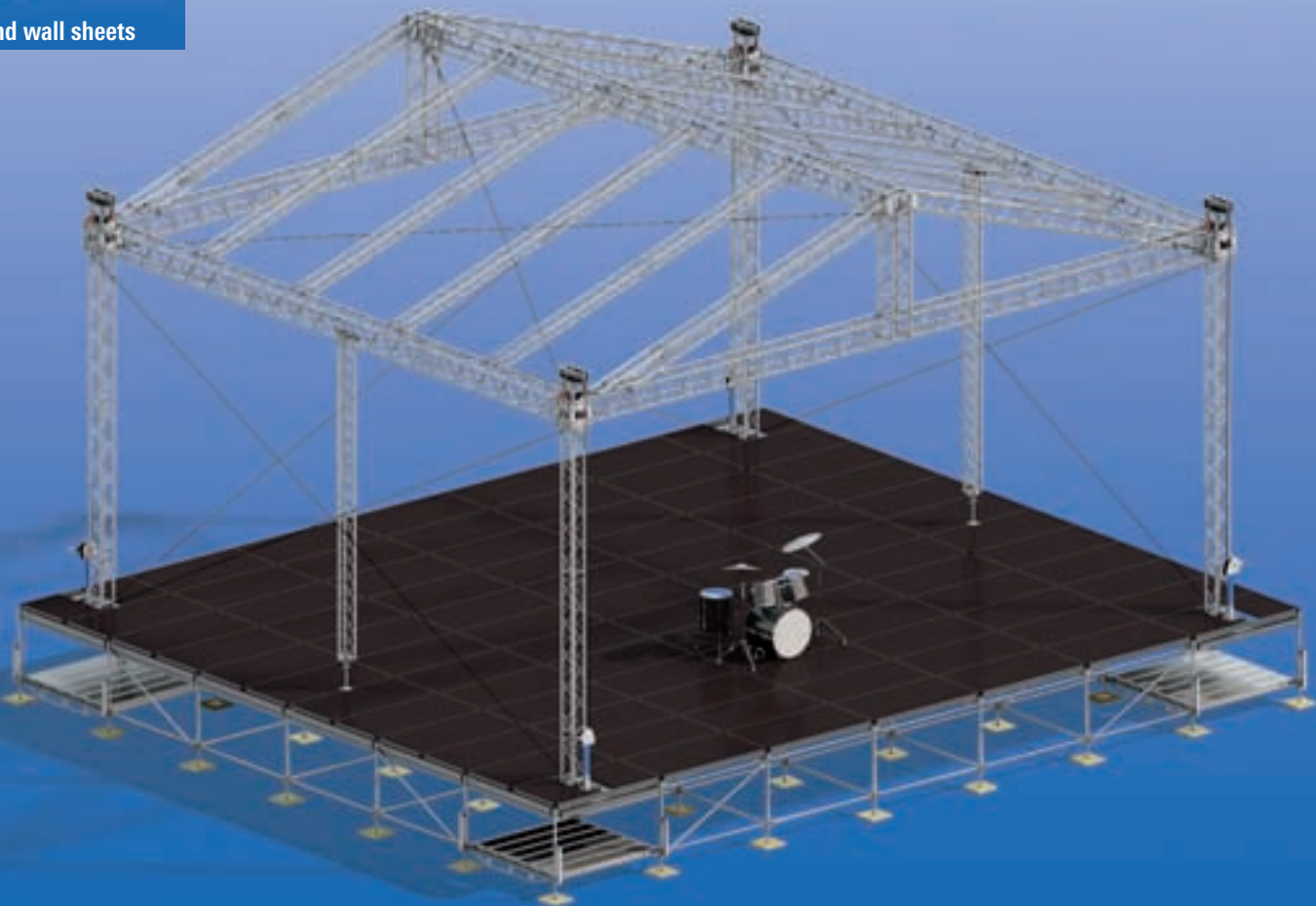
Nearly 150 m<sup>2</sup> of roof-covered stage area creates space for extra-special events. What's more, the design provides you with particularly high load capacities while keeping the transport volume within limits.



Including roof and wall sheets



Stage system based on Layher Allround equipment!



## "Moscow" Complete KITS

**KIT 5028603** Event stage "Moscow" 13 x 11 in System EV 86

**KIT 5020003** Event stage "Moscow" 13 x 11 in System EV 100

**KIT 5020403** Event stage "Moscow" 13 x 11 in System EV 104

A complete inspection book is available for all variants from 7 x 4 to 13 x 11!

## Basic technical data

Stage size EV 86: 14.65 x 12.15 m  
Stage size EV 100: 14.15 x 12.15 m  
Stage size EV 104: 14.65 x 12.58 m

System tower: 29/4  
System main beam: 39/4

Permissible stage load capacity: 500 kg/m<sup>2</sup>  
Total height: 9.11 m  
Roofed area: 12.98 x 11.33 m  
Clear height: 5.89 m  
Max. roof load: 2.690 kg

Maximum wind speeds  
in operation: 72 km/h  
not in operation\*: 128 km/h

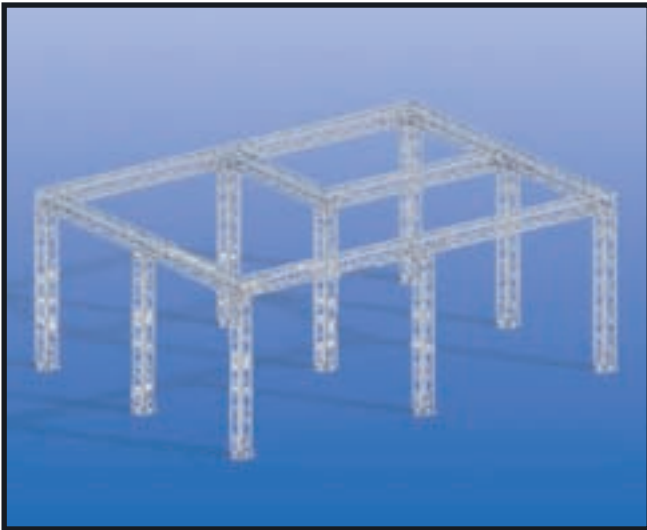
\* without wall sheets

All dimensions specified are external dimensions.

# Layher Truss Systems

Extremely versatile in use.

# 12



Trade fair and presentation stands

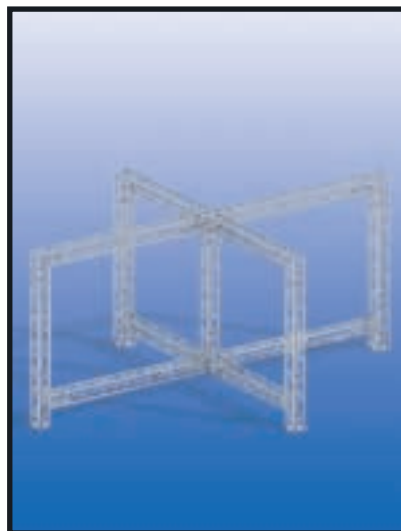


Cable bridges

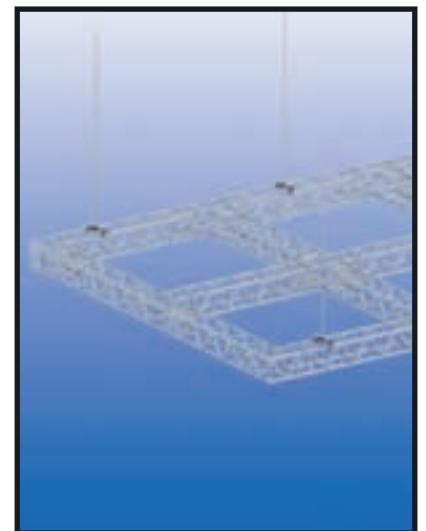
The Layher Truss Systems can be used not only for stage roofs but for many other applications, too. Trade fair construction with trade fair or presentation stands is a central field for use of the high-performance Layher Truss System. In the case of vehicle presentations, this system is being used more and more frequently. Thanks to the impressive load-bearing capacities, you can keep on building with Layher when other systems have had to give up.



Advertising tower



Advertising boards



Rigging

Put yourself and your advertising message in the right light! With the Layher Truss System you can put up large advertising banners and also fit the lighting on this effective structure. This system is ideal as a mobile and attractive room divider in salesrooms and open-plan offices. It's great to use a system that puts practically no limits on your imagination – the Layher Truss Systems.

# Layher Truss Systems

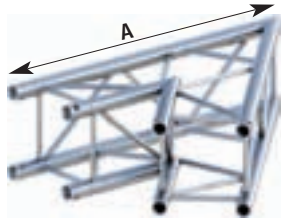
Basic components and technical systems.

# 13

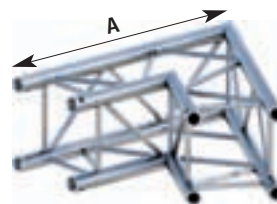
**Truss**  
System 29/4  
System 39/4



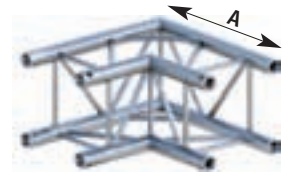
**2-way corner 45°**  
System 29/4: A = 1000 mm  
System 39/4: A = 1200 mm



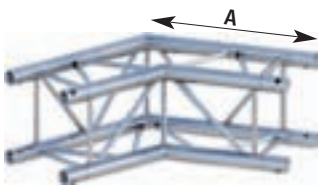
**2-way corner 60°**  
System 29/4: A = 800 mm  
System 39/4: A = 1200 mm



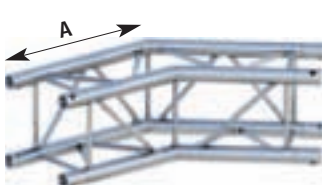
**2-way corner 90°**  
System 29/4: A = 500 mm  
System 39/4: A = 600 mm



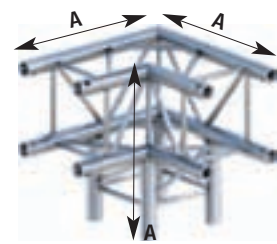
**2-way corner 120°**  
System 29/4: A = 500 mm  
System 39/4: A = 600 mm



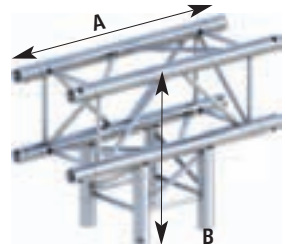
**2-way corner 135°**  
System 29/4: A = 500 mm  
System 39/4: A = 600 mm



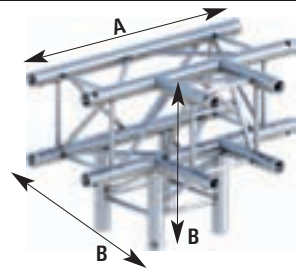
**3-way corner 90°**  
System 29/4: A = 500 mm  
System 39/4: A = 600 mm



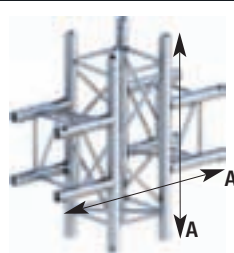
**3-way T-piece**  
System 29/4: A = 710 B = 500 mm  
System 39/4: A = 810 B = 600 mm



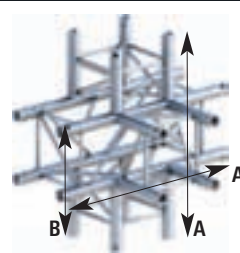
**4-way T-piece**  
System 29/4: A = 710 B = 500 mm  
System 39/4: A = 810 B = 600 mm



**4-way cross**  
System 29/4: A = 710 mm  
System 39/4: A = 810 mm



**5-way cross**  
System 29/4: A = 710 B = 500 mm  
System 39/4: A = 810 B = 600 mm



**Corner Block**  
System 29/4  
System 39/4



System 29/4

System 39/4

	Spans (m)	Point load (kg) in centre of bay	Degree of sag (mm)	2 point loads (kg) in the 1/3 points	Degree of sag (mm)	Line load (kg/m)	Degree of sag (mm)
System 29/4	4.0	1464.0	11.0	849.0	11.0	425.0	8.0
	6.0	964.0	25.0	723.0	32.0	281.0	27.0
	8.0	710.0	45.0	532.0	57.0	177.0	56.0
	10.0	555.0	71.0	416.0	89.0	111.0	87.0
	12.0	449.0	102.0	337.0	128.0	75.0	125.0
	14.0	371.0	140.0	278.0	147.0	53.0	170.0
	16.0	311.0	185.0	233.0	224.0	39.0	222.0
System 39/4	4.0	2078.0	8.0	1219.0	8.0	610.0	6.0
	6.0	1372.0	18.0	1029.0	23.0	404.0	20.0
	8.0	1014.0	32.0	761.0	41.0	254.0	40.0
	10.0	797.0	50.0	597.0	63.0	159.0	62.0
	12.0	649.0	72.0	486.0	91.0	108.0	89.0
	14.0	541.0	99.0	405.0	124.0	77.0	121.0
	16.0	458.0	131.0	343.0	162.0	57.0	158.0
	18.0	391.0	167.0	293.0	204.0	43.0	200.0