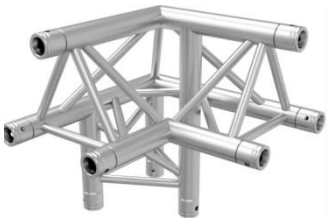
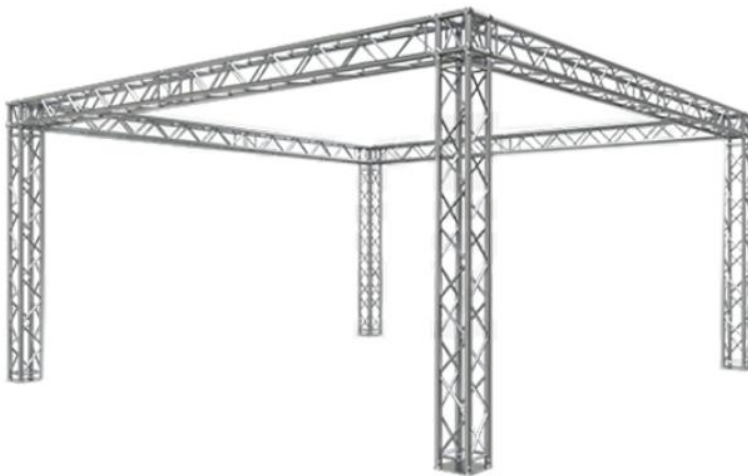




# Aluminum Truss Systems



## Why Choose ABERLE SYSTEMS Aluminum Truss Systems?

Aluminum truss systems are the smart, modern solution for building structures that are not only strong and reliable but also visually striking. Whether for exhibitions, events, showrooms, or industrial setups, our trusses deliver unmatched versatility and performance.

- **Lightweight but High Strength**  
Aluminum combines low weight with impressive structural strength—easy to transport, easy to lift, and tough enough for demanding loads.
- **Fast & Easy Assembly**  
Intuitive connections and modular components make setup and dismantling incredibly fast, reducing labor time and minimizing downtime.
- **Flexible & Modular Design**  
Easily adapt, extend, or reconfigure your setup. Perfect for changing floorplans, stage designs, or temporary installations.
- **Reusable & Sustainable**  
Built for repeated use with minimal wear and tear. A smart investment that supports eco-conscious operations.
- **Corrosion-Resistant & Weatherproof**  
Suitable for indoor and outdoor use—resistant to rust, oxidation, and extreme conditions.
- **Zero Waste System**  
Precision-engineered with standardized parts—no cutting or material loss during assembly.
- **Sleek, Professional Appearance**  
Clean lines and polished aluminum give a modern, high-tech look that enhances any presentation or structure.
- **Space-Efficient for Storage & Transport**  
Compact when dismantled—optimized for stacking, storing, and shipping.
- **Fire-Resistant Material**  
Non-combustible, aluminum meets high safety standards for use in public and industrial environments.
- **Low Maintenance**  
Aluminum doesn't warp, crack, or require special treatments—keeping upkeep costs low and performance high.
- **Customizable Options**  
Available in different profiles, finishes, and sizes to suit specific aesthetic or structural needs.
- **Compatible with Accessories**  
Integrates easily with lighting, fans, power outlets, air-supply systems, signage, banners, and multimedia systems for fully functional environments.

## Single Connection Bar



### Technical parameter

Main tube  $\Phi 50 \times 3 \text{mm}$   
Material 6082/6061-T6



Included

### code order length

F34-05	0.5m
F34-10	1.0m
F34-15	1.5m
F34-20	2.0m
F34-25	2.5m
F34-30	3.0m

### F34 ZJ2045



2-way 45° corner

### F34 ZJ2045



2-way 45° corner

### F34 ZJ2060



2-way 60° corner

### F34 ZJ2090



2-way 90° corner

### F34 ZJ20120



2-way 120° corner

### F34 ZJ20135



2-way 135° corner

### F34 ZJ2090



3-way 90° corner

### F34 ZJ20180



3-way 180° corner

### F34 ZJ20



4-way corner

### F34 ZJ20



4-way corner

## FF-34



### Technical Data

Main tube	Φ50x3mm
Diagonal tube	Φ20x2mm
Horizontal tube	Φ20x2mm
Material	6082/6061-T6

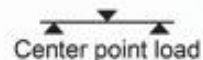


Included

### codeorder length

F34-05	0.5m
F34-10	1.0m
F34-15	1.5m
F34-20	2.0m
F34-25	2.5m
F34-30	3.0m

### Loading Table

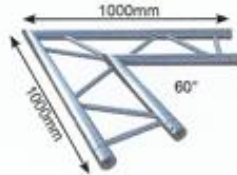


Span (m) 跨度	2m	4m	6m	8m	10m	12m
Distribution Load (kg/m)	1422	493	223	127	79	51
Deflection (mm)	2.4	13.7	31.8	58	90.5	126.4
Center point Load (kg)	1919	987	670	507	394	308
Deflection (mm)	2.6	11	25.6	46.9	73.6	103.6

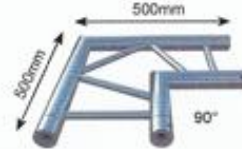


**F34 ZJ2045**

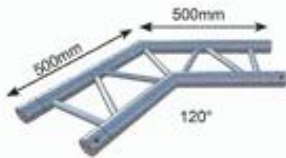
2-way 45° corner

**F34 ZJ2060**

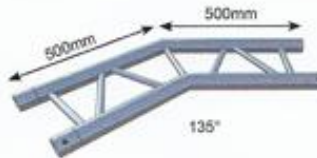
2-way 60° corner

**F34 ZJ2090**

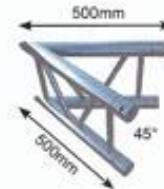
2-way 90° corner

**F34 ZJ2120**

2-way 120° corner

**F34 ZJ2135**

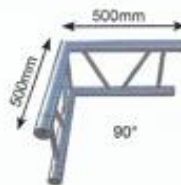
2-way 135° corner

**F34 ZJ3045**

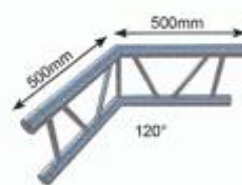
2-way 45° corner T

**F34 ZJ3160**

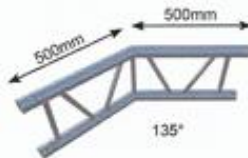
2-way 60° corner

**F34 ZJ4090**

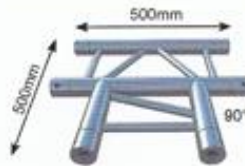
2-way 90° corner

**F34 ZJ4120**

2-way 120° corner cross

**F34 ZJ50135**

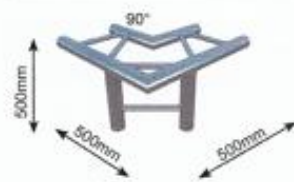
2-way 135° corner

**F34 ZJ2290**

3-way horizontal corner T

**F34 ZJ3290**

3-way 90° corner R500

**F34 ZJ2180**

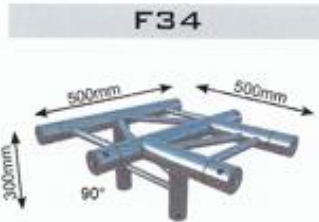
3-way 180° rotate

**F34 ZJ2090**

3-way vertical corner T

**F34 ZJ2090**

4-way 90° corner



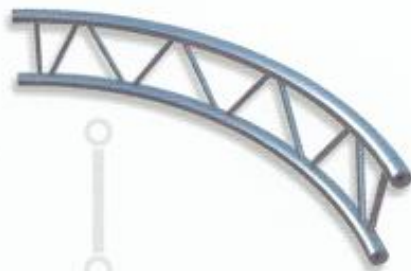
4-way 90° corner



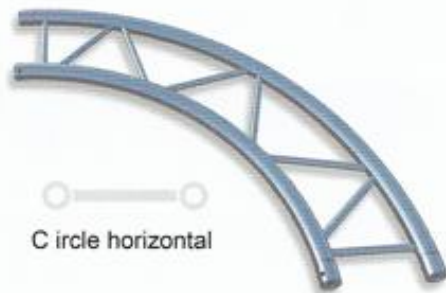
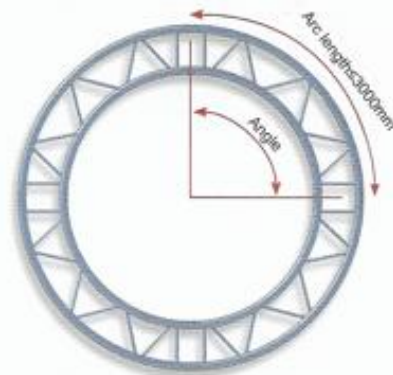
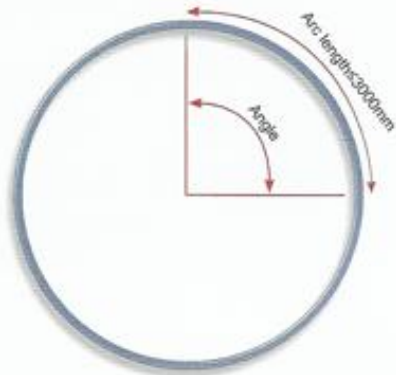
4-way 90° corner



4-way 90° corner



C circle vertical



C circle horizontal



## FT-34

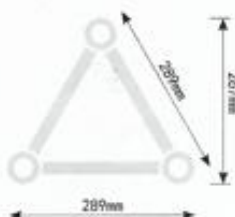


### Technical Data

Main tube	Φ50x3mm
Diagonal tub	Φ20x2mm
Horizontal tube	Φ20x2mm
Material	6082/6061-T6



Included



### codeorder length

F34-05	0.5m
F34-10	1.0m
F34-15	1.5m
F34-20	2.0m
F34-25	2.5m
F34-30	3.0m

### Loading Table



Distribution load



Center point load

Span(m) 跨度	2m	4m	6m	8m	10m	12m
Distribution Load (kg/m)	1422	493	223	127	79	51
Deflection (mm)	2.4	13.7	31.8	58	90.5	126.4
Center point Load (kg)	1919	987	670	507	394	308
Deflection (mm)	2.6	11	25.6	46.9	73.6	103.6

**F34 ZJ2045**



2-way 45° corner

**F34 ZJ2060**



2-way 60° corner

**F34 ZJ2090**



2-way 90° corner

**F34 ZJ2120**



2-way 120° corner

**F34 ZJ2135**



2-way 135° corner

**F34 ZJ2090**



2-way 90° corner T

**F34 ZJ3190**



3-way 90° corner

**F34 ZJ3090**



3-way 90° corner

**F34 ZJ4190**



2-way 90° corner cross

**F34 ZJ5090**



3-way 90° corner

**F34 ZJ2290**



3-way 90° corner R500

**F34 ZJ3290**



3-way 90° corner R500

**F34 ZJ2 90**



3-way 90° rotate

**F34**



4-way cross corner

**F34**



4-way T apex down corner



### F34 ZJ2090



4-way 90° corner

### F34 ZJ2090



5-way 90° corner

### F34 ZJ2090



6-way 90° corner



code	order	circle	segment
A30-11002		Φ2m	2
A30-11504		Φ3m	4
A30-12004		Φ4m	4
A30-12506		Φ5m	6
A30-13006		Φ6m	6
A30-13508		Φ7m	8
A30-14008		Φ8m	8
A30-14508		Φ9m	8
A30-15010		Φ10m	10



code	order	circle	segment
A30-21002		Φ2m	2
A30-21504		Φ3m	4
A30-22004		Φ4m	4
A30-22506		Φ5m	6
A30-23006		Φ6m	6
A30-23508		Φ7m	8
A30-24008		Φ8m	8
A30-24508		Φ9m	8
A30-25010		Φ10m	10



code	order	circle	segment
A30-31002		Φ2m	2
A30-31504		Φ3m	4
A30-32004		Φ4m	4
A30-32506		Φ5m	6
A30-33006		Φ6m	6
A30-33508		Φ7m	8
A30-34008		Φ8m	8
A30-34508		Φ9m	8
A30-35010		Φ10m	10

## F34-290



### Technical Data

Main tube:50\*3mm  
Horizontal tube:20\*2mm  
Brace:20\*2mm  
Material: 6082/6061-T6

### Code

### Length

SS-F34-05	50cm
SS-F34-10	100cm
SS-F34-15	150cm
SS-F34-20	200cm
SS-F34-25	250cm
SS-F34-30	300cm



Distribution load



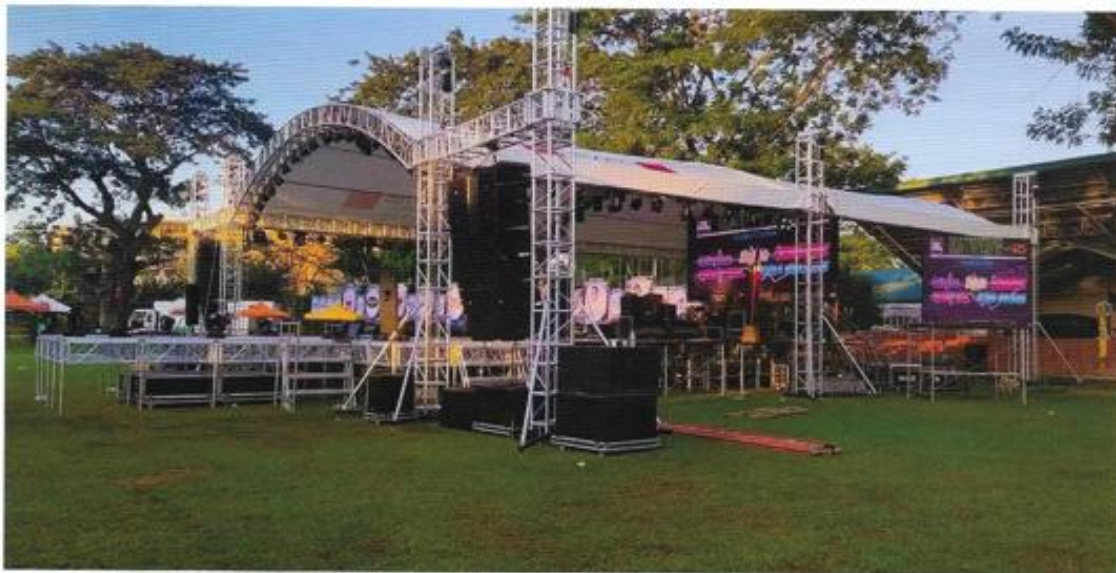
Center point load

### Load Table

Span	m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m
UDL	kg/m	658.0	488.0	392.0	317.0	231.0	178.0	142.0	120.0	90.0	73.0	61.0	52.0
Deflection	mm	9	18	27	36	51	67	74	86	105	125	151	175
CPL	kg	1766.0	1466.0	1150.0	948.0	811.0	701.0	615.0	555.0	495.0	445.0	402.0	359.0
Deflection	mm	7	12	21	31	41	54	68	84	105	120	143	165



code	order	circle	segment
A30-31002		Φ2m	2
A30-31504		Φ3m	4
A30-32004		Φ4m	4
A30-32506		Φ5m	6
A30-33006		Φ6m	6
A30-33508		Φ7m	8
A30-34008		Φ8m	8
A30-34508		Φ9m	8
A30-35010		Φ10m	10





**F34 ZJ2045**

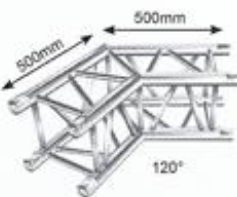
2-way 45° corner

**F34 ZJ2060**

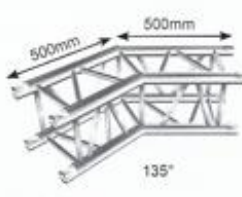
2-way 60° corner

**F34 ZJ2090**

2-way 90° corner

**F34 ZJ2120**

2-way 120° corner

**F34 ZJ2135**

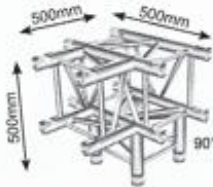
2-way 135° corner

**F34 ZJ3090**

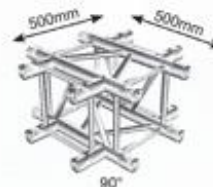
3-way 90° corner T

**F34 ZJ3190**

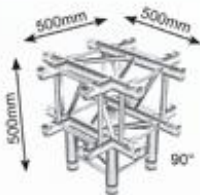
3-way 90° corner

**F34 ZJ4090**

4-way 90° corner

**F34 ZJ4190**

4-way 90° corner cross

**F34 ZJ5090**

5-way 90° corner

**F34 ZJ2290**

2-way 90° corner R500

**F34 ZJ3290**

3-way 90° corner R500

**F34 ZJ2180**

2-way 180° rotate

**F34 BOX 304**

BOX corner

**F34 BPQ 305**

Base plate-300x300x10mm



## SS-10



Distribution load



Center point load

### Technical data

Main tube: 20\*2mm  
Brace: 12\*2mm  
Material: 6082/6061-T6

Code	Length
SS-10-05	50cm
SS-10-10	100cm
SS-10-15	150cm
SS-10-20	200cm
SS-10-25	250cm
SS-10-30	300cm

### Load Table

Span	m	1m	2m	3m	4m	5m	6m	7m
UDL	kg/m	344.0	152.0	98.0	72.0	46.0	24.0	14.0
CPL	kg	252.0	194.0	158.0	138.0	80.0	54.0	28.0

## SS-15



Distribution load



Center point load

### Technical data

Main tube: 30\*2mm  
Horizontal tube: 12\*2mm  
Brace: 12\*2mm  
Material: 6082/6061-T6

Code	Length
SS-15-05	50cm
SS-15-10	100cm
SS-15-15	150cm
SS-15-20	200cm
SS-15-25	250cm
SS-15-30	300cm

### Load Table

Span	m	1m	2m	3m	4m	5m	6m	7m	8m	9m
UDL	kg/m	300.0	160.0	95.0	70.0	55.0	42.0	28.0	20.0	16.0
Deflection	mm	2	4	10	15	28	38	43	60	80
CPL	kg	300.0	240.0	200.0	180.0	160.0	140.0	120.0	100.0	80.0
Deflection	mm	2	4	8	13	25	32	38	50	70

## SS-20



### Technical data

Main tube: 30\*2mm  
Horizontal tube: 16\*2mm  
Brace: 16\*2mm  
Material: 6082/6061-T6

Code	Length
SS-20-05	50cm
SS-20-10	100cm
SS-20-15	150cm
SS-20-20	200cm
SS-20-25	250cm
SS-20-30	300cm

### Load Table

Span	m	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m
UDL	kg/m	381.0	190.0	124.0	94.0	75.0	52.0	41.0	30.0	24.0	18.0	15.0
Deflection	mm	1	3	7	15	21	31	43	56	70	87	105
CPL	kg	381.0	372.0	343.0	256.0	204.0	169.0	141.0	121.0	107.0	93.0	84.0
Deflection	mm	1	3	7	11	17	25	34	45	57	70	85

## SS-30



### Technical data

Main tube: 50\*3mm  
Horizontal tube: 20\*2mm  
Brace: 20\*2mm  
Material: 6082/6061-T6

Code	Length
SS-30-05	50cm
SS-30-10	100cm
SS-30-15	150cm
SS-30-20	200cm
SS-30-25	250cm
SS-30-30	300cm

### Load Table

Span	m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m
UDL	kg/m	668.0	498.0	402.0	327.0	241.0	188.0	152.0	130.0	100.0	83.0	71.0	62.0
Deflection	mm	9	18	27	36	51	67	74	86	105	125	151	175
CPL	kg	1776.0	1476.0	1160.0	958.0	831.0	717.0	623.0	566.0	501.0	460.0	410.0	360.0
Deflection	mm	7	12	21	31	41	54	68	84	105	120	143	165

## SS-40



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm  
Horizontal tube: 25\*2mm  
Brace: 25\*2mm  
Material: 6082/6061-T6

Code	Length
SS-40-05	50cm
SS-40-10	100cm
SS-40-15	150cm
SS-40-20	200cm
SS-40-25	250cm
SS-40-30	300cm

### Load Table

Span	m	6m	9m	12m	14m	16m	18m
UDL	kg/m	459.0	239.0	131.0	94.0	71.0	54.0
Deflection	mm	20	54	96	131	172	218
CPL	kg	1625.0	1075.0	787.0	661.0	564.0	488.0
Deflection	mm	19	44	78	107	141	181

## SS-45



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 25\*2mm  
Material: 6082/6061-T6

Code	Length
SS-45-05	50cm
SS-45-10	100cm
SS-45-15	150cm
SS-45-20	200cm
SS-45-25	250cm
SS-45-30	300cm

### Load Table

Span	m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m
UDL	kg/m	680.0	566.0	421.0	308.0	288.0	199.0	166.0	111.0	100.0	92.0	80.0	71.0	65.0	52.0
Deflection	mm	15	21	31	34	38	46	57	67	81	88	92	98	103	118
CPL	kg	1200.0	1122.0	944.0	890.0	799.0	733.0	702.0	673.0	620.0	588.0	543.0	492.0	458.0	420.0
Deflection	mm	11	15	20	23	27	32	44	52	63	72	81	88	92	100



## SS-52



### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SS-52-05	50cm
SS-52-10	100cm
SS-52-15	150cm
SS-52-20	200cm
SS-52-25	250cm
SS-52-30	300cm

### Load Table

Span	m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
UDL	kg/m	460.0	346.0	303.0	241.0	182.0	164.0	135.0	118.0	99.0	84.0	75.0	68.0	60.0	54.0
Deflection	mm	20	30	42	53	62	76	90	104	121	135	155	170	195	209
CPL	kg	1255.0	1130.0	1008.0	923.0	885.0	782.0	706.0	661.0	922.0	599.0	565.0	547.0	527.0	503.0
Deflection	mm	10	16	21	28	37	45	55	67	80	94	107	125	143	163

## SS-4060



### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SS-4060-05	50cm
SS-4060-10	100cm
SS-4060-15	150cm
SS-4060-20	200cm
SS-4060-25	250cm
SS-4060-30	300cm

### Load Table

Span	m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
UDL	kg/m	450.0	336.0	299.0	236.0	178.0	158.0	130.0	111.0	92.0	79.0	73.0	62.0	57.0	50.0
Deflection	mm	20	30	42	53	62	76	90	104	121	135	155	170	195	209
CPL	kg	1205.0	1100.0	998.0	903.0	824.0	733.0	695.0	628.0	599.0	548.0	502.0	488.0	459.0	440.0
Deflection	mm	10	16	21	28	37	45	55	67	80	94	107	125	143	163



## SS-5060



Distribution load



Center point load

### Technical data

Main tube:50\*3mm

Horizontal tube:50\*2mm

Brace:30\*2mm

Material: 6082/6061-T6

Code	Length
SS-5060-05	50cm
SS-5060-10	100cm
SS-5060-15	150cm
SS-5060-20	200cm
SS-5060-25	250cm
SS-5060-30	300cm

### Load Table

Span	m	6m	8m	10m	12m	13m	14m	15m	16m	17m	18m	19m	20m	21m	22m
UDL	kg/m	2088.0	1910.0	1750.0	1530.0	1490.0	1450.0	1200.0	1088.0	998.0	902.0	851.0	800.0	750.0	700.0
Deflection	mm	18	25	39	53	59	65	73	87	93	100	113	125	132	138
CPL	kg	960.0	861.0	758.0	660.0	595.0	548.0	501.0	460.0	428.0	405.0	382.0	360.0	335.0	300.0
Deflection	mm	5	6	11	18	20	22	29	35	41	48	54	60	68	74

## SS-5276



Distribution load



Center point load

### Technical data

Main tube:50\*3mm

Horizontal tube:50\*2mm

Brace:30\*2mm

Material: 6082/6061-T6

Code	Length
SS-5276-05	50cm
SS-5276-10	100cm
SS-5276-15	150cm
SS-5276-20	200cm
SS-5276-25	250cm
SS-5276-30	300cm

### Load Table

Span	m	8m	10m	12m	14m	15m	16m	17m	18m	19m	20m	21m	22m	23m	24m
UDL	kg/m	2100.0	1898.0	1698.0	1600.0	1488.0	1398.0	1298.0	1200.0	1095.0	1005.0	902.0	792.0	720.0	675.0
Deflection	mm	24	40	52	66	73	86	92	101	112	124	132	138	141	145
CPL	kg	1198.0	1100.0	998.0	930.0	885.0	840.0	798.0	750.0	700.0	645.0	565.0	475.0	405.0	368.0
Deflection	mm	20	26	34	39	42	51	56	61	67	71	77	83	90	96

## SS-6076



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm

Horizontal tube: 50\*2mm

Brace: 30\*2mm

Material: 6082/6061-T6

Code	Length
SS-5276-05	50cm
SS-5276-10	100cm
SS-5276-15	150cm
SS-5276-20	200cm
SS-5276-25	250cm
SS-5276-30	300cm

### Load Table

Span	m	8m	10m	12m	14m	16m	18m	19m	20m	21m	22m	23m	24m	25m	26m
UDL	kg/m	2200.0	2045.0	1850.0	1700.0	1520.0	1332.0	1192.0	1098.0	988.0	898.0	793.0	688.0	584.0	482.0
Deflection	mm	24	40	52	66	73	86	92	101	112	124	132	138	141	145
CPL	kg	1266.0	1163.0	1058.0	952.0	850.0	748.0	698.0	647.0	594.0	546.0	498.0	450.0	402.0	350.0
Deflection	mm	20	26	34	39	42	51	56	61	67	71	77	83	90	96



## SB-20



Distribution load



Center point load

### Technical data

Main tube:30\*2mm

Brace:16\*2mm

Material: 6082/6061-T6

Code	Length
SB-20-05	50cm
SB-20-10	100cm
SB-20-15	150cm
SB-20-20	200cm
SB-20-25	250cm
SB-20-30	300cm

## SQ-30 三角



Distribution load



Center point load

### Technical data

Main tube:50\*3mm

Horizontal tube:25\*2mm

Brace:25\*2mm

Material: 6082/6061-T6

Code	Length
SQ-30-05	50cm
SQ-30-10	100cm
SQ-30-15	150cm
SQ-30-20	200cm
SQ-30-25	250cm
SQ-30-30	300cm

Load Table

Span	m	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m
UDL	kg/m	1500.0	1200.0	990.0	790.0	620.0	510.0	420.0	380.0	320.0	275.0	240.0	210.0
Deflection	mm	2	3	7	12	21	31	41	54	68	84	105	120
CPL	kg	1500.0	750.0	480.0	320.0	300.0	240.0	170.0	110.0	100.0	90.0	80.0	68.0
Deflection	mm	2	4	9	12	26	39	53	72	89	105	120	135



## SBM-30



Distribution load



Center point load

### Technical data

Main tube:50\*3mm  
Horizontal tube:25\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SBM-30-05	50cm
SBM-30-10	100cm
SBM-30-15	150cm
SBM-30-20	200cm
SBM-30-25	250cm
SBM-30-30	300cm

### Load Table

Span	m	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m
UDL	kg/m	1548.0	1382.0	1098.0	840.0	658.0	550.0	462.0	402.0	352.0	311.0	281.0	261.0
Deflection	mm	1	3	7	12	21	31	41	54	68	84	105	120
CPL	kg	1548.0	772.0	502.0	377.0	365.0	272.0	195.0	136.0	118.0	103.0	92.0	88.0
Deflection	mm	2	4	9	12	26	39	53	72	89	105	120	135

## SBM-40



Distribution load



Center point load

### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SBM-40-05	50cm
SBM-40-10	100cm
SBM-40-15	150cm
SBM-40-20	200cm
SBM-40-25	250cm
SBM-40-30	300cm

### Load Table

Span	m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m
UDL	kg/m	1788.0	1632.0	1498.0	1306.0	1158.0	998.0	858.0	746.0	641.0	551.0	498.0	448.0	401.0	348.0
Deflection	mm	1	3	7	12	21	31	41	54	68	84	105	120	135	150
CPL	kg	1098.0	733.0	555.0	437.0	358.0	281.0	229.0	178.0	148.0	129.0	103.0	82.0	71.0	64.0
Deflection	mm	2	4	9	12	26	39	53	72	89	105	120	135	150	165



## SBQ-30



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 25\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-30-05	50cm
SBQ-30-10	100cm
SBQ-30-15	150cm
SBQ-30-20	200cm
SBQ-30-25	250cm
SBQ-30-30	300cm

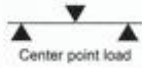
### Load Table

Span	m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m
UDL	kg/m	890.0	689.0	420.0	290.0	205.0	160.0	105.0	92.0	80.0	65.0	57.0	48.0	38.0
Deflection	mm	5	7	10	15	21	35	45	60	75	80	95	110	125
CPL	kg	733.0	555.0	437.0	358.0	281.0	229.0	178.0	148.0	129.0	103.0	82.0	71.0	64.0
Deflection	mm	3	9	13	20	30	41	52	63	75	87	100	120	135

## SBL-305



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 25\*2mm  
Material: 6082/6061-T6

Code	Length
SBL-305-05	50cm
SBL-305-10	100cm
SBL-305-15	150cm
SBL-305-20	200cm
SBL-305-25	250cm
SBL-305-30	300cm

### Load Table

Span	m	2m	4m	6m	8m	10m	12m	13m	14m	15m	16m
UDL	kg/m	1705.0	421.0	183.0	100.0	61.0	40.0	33.0	28.0	23.0	19.0
Deflection	mm	11	45	101	180	282	408	402	559	643	735
CPL	kg	1705.0	842.0	549.0	399.0	306.0	241.0	216.0	193.0	173.0	155.0
Deflection	mm	9	36	81	146	232	340	403	473	548	631

## SBQ-35



Distribution load



Center point load

### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-35-05	50cm
SBQ-35-10	100cm
SBQ-35-15	150cm
SBQ-35-20	200cm
SBQ-35-25	250cm
SBQ-35-30	300cm

### Load Table

Span	m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m
UDL	kg/m	906.0	732.0	465.0	320.0	220.0	170.0	120.0	100.0	85.0	70.0	61.0	50.0	42.0	35.0
Deflection	mm	5	7	10	15	21	35	45	60	75	80	95	110	125	126
CPL	kg	715.0	660.0	635.0	600.0	560.0	532.0	520.0	500.0	480.0	420.0	380.0	350.0	315.0	285.0
Deflection	mm	3	9	13	20	30	41	52	63	75	87	100	120	135	136

## SBQ-40



Distribution load



Center point load

### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-40-05	50cm
SBQ-40-10	100cm
SBQ-40-15	150cm
SBQ-40-20	200cm
SBQ-40-25	250cm
SBQ-40-30	300cm

### Load Table

Span	m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m
UDL	kg/m	936.0	732.0	465.0	320.0	232.0	176.0	136.0	110.0	90.0	72.0	61.0	52.0	44.0	38.0
Deflection	mm	5	7	10	15	21	35	45	60	75	80	95	110	125	126
CPL	kg	718.0	680.0	644.0	612.0	585.0	560.0	535.0	514.0	492.0	444.0	400.0	363.0	335.0	303.0
Deflection	mm	3	9	13	20	30	41	52	63	75	87	100	120	135	136

## SBQ-45



### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-45-05	50cm
SBQ-45-10	100cm
SBQ-45-15	150cm
SBQ-45-20	200cm
SBQ-45-25	250cm
SBQ-45-30	300cm

### Load Table

Span	m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m
UDL	kg/m	680.0	566.0	421.0	308.0	288.0	199.0	166.0	111.0	100.0	92.0	80.0	71.0	65.0	52.0
Deflection	mm	15	21	31	34	38	46	57	67	81	88	92	98	103	118
CPL	kg	1200.0	1122.0	944.0	890.0	799.0	733.0	702.0	673.0	620.0	588.0	543.0	492.0	458.0	420.0
Deflection	mm	11	15	20	23	27	32	44	52	63	72	81	88	92	100

## SBQ-50



### Technical data

Main tube:50\*3mm  
Horizontal tube:50\*2mm  
Brace:25\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-50-05	50cm
SBQ-50-10	100cm
SBQ-50-15	150cm
SBQ-50-20	200cm
SBQ-50-25	250cm
SBQ-50-30	300cm

### Load Table

Span	m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
UDL	kg/m	450.0	336.0	299.0	236.0	178.0	158.0	130.0	111.0	92.0	79.0	73.0	62.0	57.0	50.0
Deflection	mm	20	30	42	53	62	76	90	104	121	135	155	170	195	209
CPL	kg	1205.0	1100.0	998.0	903.0	824.0	733.0	695.0	628.0	599.0	548.0	502.0	488.0	459.0	440.0
Deflection	mm	10	16	21	28	37	45	55	67	80	94	107	125	143	163



## SBQ-4060



### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 25\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-4060-05	50cm
SBQ-4060-10	100cm
SBQ-4060-15	150cm
SBQ-4060-20	200cm
SBQ-4060-25	250cm
SBQ-4060-30	300cm

Load Table

Span	m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
UDL	kg/m	450.0	336.0	299.0	236.0	178.0	158.0	130.0	111.0	92.0	79.0	73.0	62.0	57.0	50.0
Deflection	mm	20	30	42	53	62	76	90	104	121	135	155	170	195	209
CPL	kg	1205.0	1100.0	998.0	903.0	824.0	733.0	695.0	628.0	599.0	548.0	502.0	488.0	459.0	440.0
Deflection	mm	10	16	21	28	37	45	55	67	80	94	107	125	143	163

## SBQ-5060



### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 30\*2mm  
Material: 6082/6061-T6

Code	Length
SBQ-5060-05	50cm
SBQ-5060-10	100cm
SBQ-5060-15	150cm
SBQ-5060-20	200cm
SBQ-5060-25	250cm
SBQ-5060-30	300cm

Load Table

Span	m	6m	8m	10m	12m	13m	14m	15m	16m	17m	18m	19m	20m	21m	22m
UDL	kg/m	2088.0	1910.0	1750.0	1530.0	1490.0	1450.0	1200.0	1088.0	998.0	902.0	851.0	800.0	750.0	700.0
Deflection	mm	18	25	39	53	59	65	73	87	93	100	113	125	132	138
CPL	kg	960.0	861.0	758.0	660.0	595.0	548.0	501.0	460.0	428.0	405.0	382.0	360.0	335.0	300.0
Deflection	mm	5	6	11	18	20	22	29	35	41	48	54	60	68	74



## SBQ-5276



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 30\*2mm  
Material: 6082/6061-T6

### Code Length

SBQ-5276-05	50cm
SBQ-5276-10	100cm
SBQ-5276-15	150cm
SBQ-5276-20	200cm
SBQ-5276-25	250cm
SBQ-5276-30	300cm

### Load Table

Span	m	8m	10m	12m	14m	15m	16m	17m	18m	19m	20m	21m	22m	23m	24m
UDL	kg/m	2100.0	1898.0	1698.0	1600.0	1488.0	1398.0	1298.0	1200.0	1095.0	1005.0	902.0	792.0	720.0	675.0
Deflection	mm	25	39	53	65	73	87	92	101	112	124	132	138	141	145
CPL	kg	1198.0	1100.0	998.0	930.0	885.0	840.0	798.0	750.0	700.0	645.0	565.0	475.0	405.0	368.0
Deflection	mm	20	26	34	39	42	51	56	61	67	71	77	83	90	96

## SBQ-6076



Distribution load



Center point load

### Technical data

Main tube: 50\*3mm  
Horizontal tube: 50\*2mm  
Brace: 30\*2mm  
Material: 6082/6061-T6

### Code Length

SBQ-6076-05	50cm
SBQ-6076-10	100cm
SBQ-6076-15	150cm
SBQ-6076-20	200cm
SBQ-6076-25	250cm
SBQ-6076-30	300cm

### Load Table

Span	m	8m	10m	12m	14m	16m	18m	19m	20m	21m	22m	23m	24m	25m	26m
UDL	kg/m	2200.0	2045.0	1850.0	1700.0	1520.0	1332.0	1192.0	1098.0	988.0	898.0	793.0	688.0	584.0	482.0
Deflection	mm	24	40	52	66	73	86	92	101	112	124	132	138	141	145
CPL	kg	1266.0	1163.0	1058.0	952.0	850.0	748.0	698.0	647.0	594.0	546.0	498.0	450.0	402.0	350.0
Deflection	mm	20	26	34	39	42	51	56	61	67	71	77	83	90	96

## SBQ-60120



### Technical data

Main tube: 60\*5mm

Horizontal tube: 50\*4mm

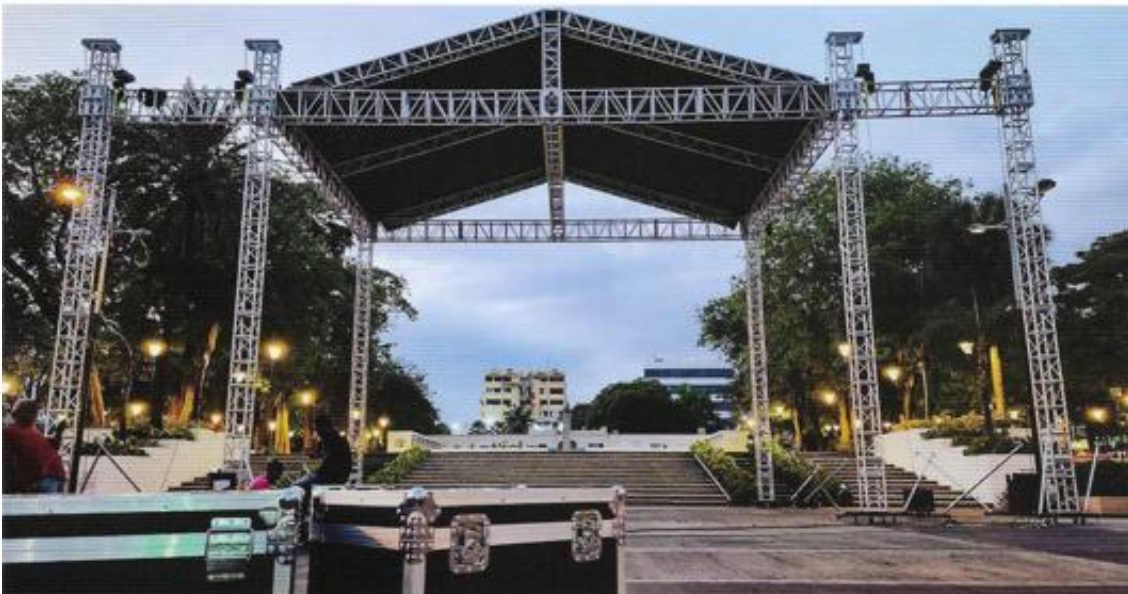
Brace: 43\*3mm

Material: 6082/6061-T6

Code	Length
SBQ-60120-05	50cm
SBQ-60120-10	100cm
SBQ-60120-15	150cm
SBQ-60120-20	200cm
SBQ-60120-25	250cm
SBQ-60120-30	300cm

### Load Table

Span	m	6m	14m	16m	18m	22m	26m	30m	34m
UDL	kg/m	2200.0	1850.0	1520.0	1332.0	898.0	793.0	688.0	584.0
Deflection	mm	24	52	73	86	124	132	138	141
CPL	kg	1266.0	1058.0	850.0	748.0	546.0	498.0	450.0	402.0
Deflection	mm	20	34	42	51	71	77	83	90



## Spigot Truss Accessories



STA-001 Sleeve Block



STA-002 Sleeve Block



STA-003 Box corner



STA-004 3-way 90° Corner T



STA-005 4-way Corner



STA-006 Down Corner



STA-007 Tirangle base plate



STA-008 Small base plate



STA-009 Big base plate



STA-010 -Base



STA-011 Base



STA-012 Base+wheel



STA-013 Connection-J



STA-014 Top-section



STA-015 Top-section



STA-016 Spigot coupler+Pins+Clips



STA-017 Slipknot



STA-018 Half connector for base plate



## Bolt Truss Accessories



BAT-002 Base+wheels



BAT-004 Hinge truss



BAT-005 Sleeve Block



BAT-006 Sleeve Block



BAT-007 6 Way Corner



BAT-008 6 Way Corner



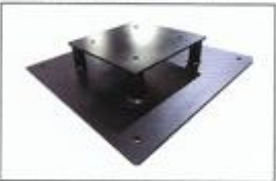
BAT-009 6 Way Corner



BAT-010 4-Way Corner



BAT-011 Down Corner



BTA-001 Double Layer Base plate



BTA-003 Base+wheels



BTA-012 6 Way Corner



BTA-013 Top-section



BTA-014 Top-section



BTA-015 Top-section (2)



BTA-016 Ladder Truss Connector



BTA-017 Connection-J



BTA-018 Connecting Plate

## Common Accessories



CA-001 Supporting brace



CA-002 Flexible outrigger



CA-003 Outrigger



CA-004 Handle Hoist



CA-005 Electric Hoist



CA-006 Controller



CA-007 Suspension Clasp



CA-008 Slings 2T3M



CA-009 Pull tab



CA-010 Cross bar



CA-011 Stereo boom



CA-012 Light Fastener 1.8-3.2X1.2



CA-013 Lighting hook



CA-014 Lighting hook



CA-015 Lighting hook



CA-016 DJ Booth-1500X800X1200



CA-017 Tower Lift



CA-018 Ballast frame



CA-019 wire clip



CA-020 Steel wires



CA-021 Shackle

## Aluminium assembly stage



### TECHNICAL DATA

DECK HEIGHT	65MM
PLYWOOD	18MM
LOADING weight	780KG/m <sup>2</sup>
FRAME MATERIAL	EN AW 6061-T6

### PLATFORM SIZE

1×1M  
1.22×1.22M  
1×2M  
1.22×2.44M

CUSTOMIZED SIZE AND SHAPE IS AVAILABLE ON REQUEST



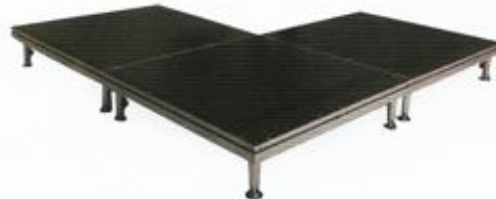
### AVAILABLE LEGS

0.3-0.5M  
0.4-0.6M  
0.6-1.0M  
1.0-1.5M  
1.5-2.0M





## Portable Stage



### TECHNICAL DATA

DECK HEIGHT	85MM
PLYWOOD	18MM
LOADING weight	800KG/m <sup>2</sup>
FRAME MATERIAL	EN AW 6061-T6

### PLATFORM SIZE

- 1×1M
- 1.22×1.22M
- 1×2M
- 1.22×2.44M

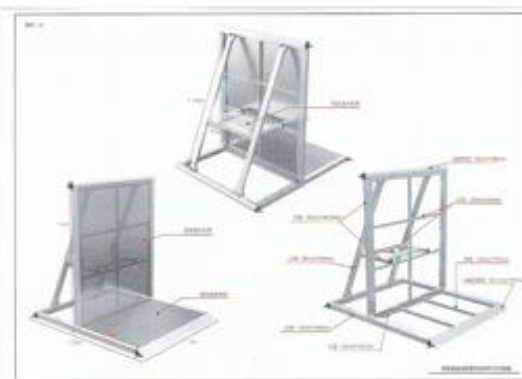
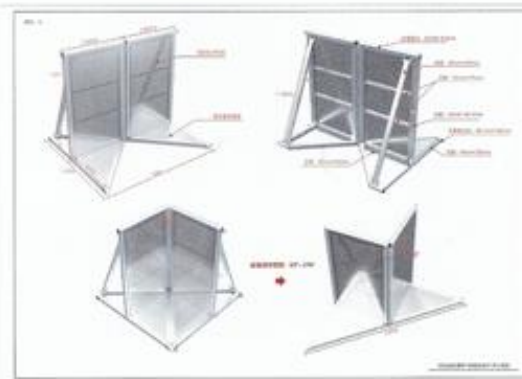
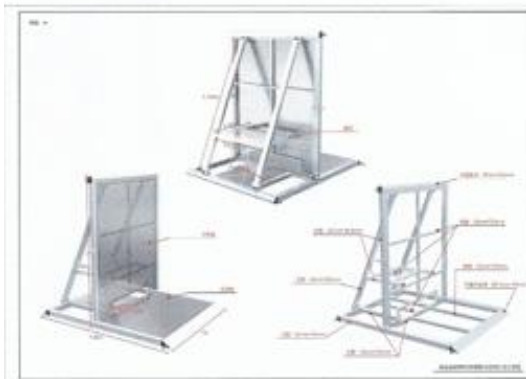
CUSTOMIZED SIZE AND SHAPE IS AVAILABLE ON REQUEST

### AVAILABLE LEGS

- 0.3-0.5M
- 0.4-0.6M
- 0.6-1.0M
- 1.0-1.5M



## Barricade

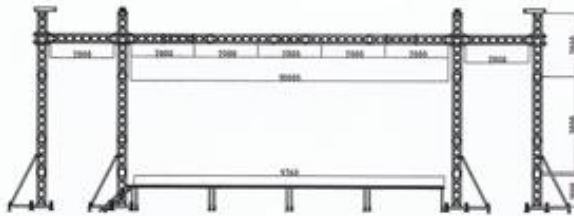


### TECHNICAL DATA

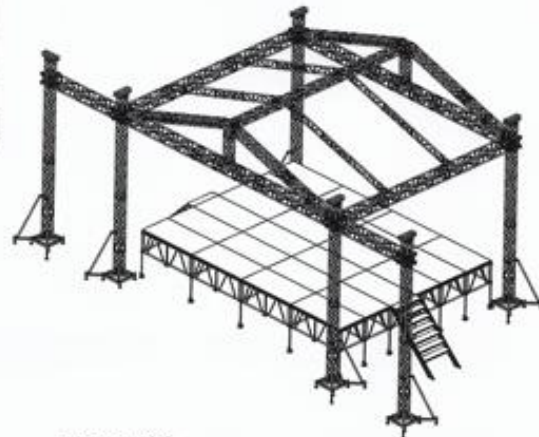
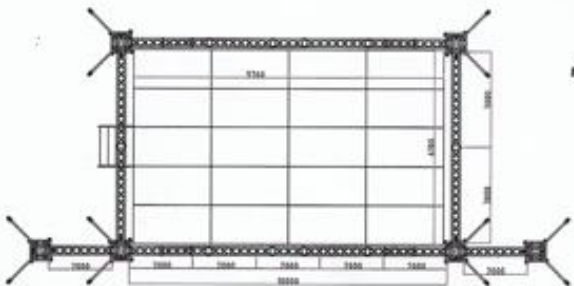
SIZE	1000 × 1200 × 1250MM
WALL THICKNESS	2MM
FLOOR THICKNESS	2MM

MATERIAL	EN AW 6061-T6
WEIGHT	28KG
CAPACITY	600KG ON FRONT BOARD

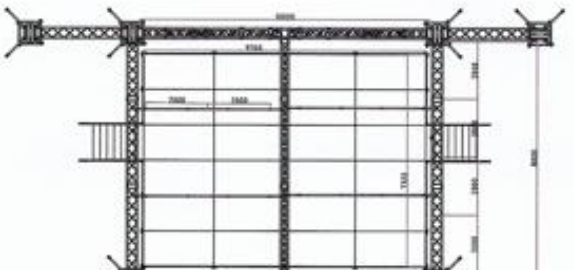
## Show details for truss system



10x6x6M

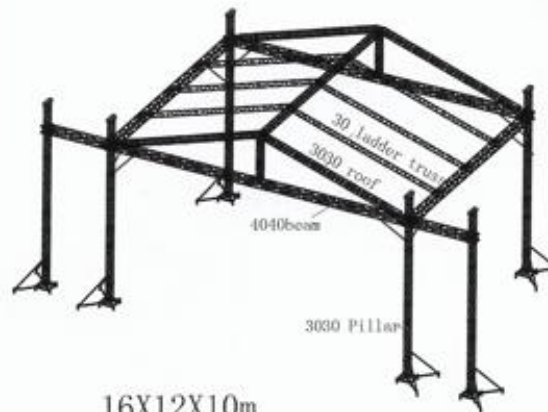
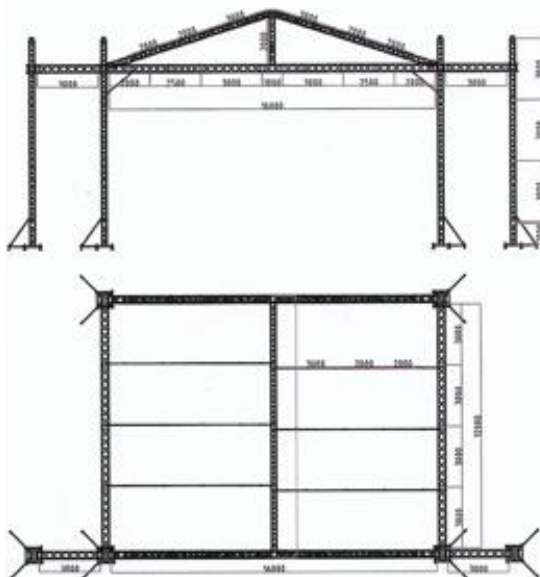
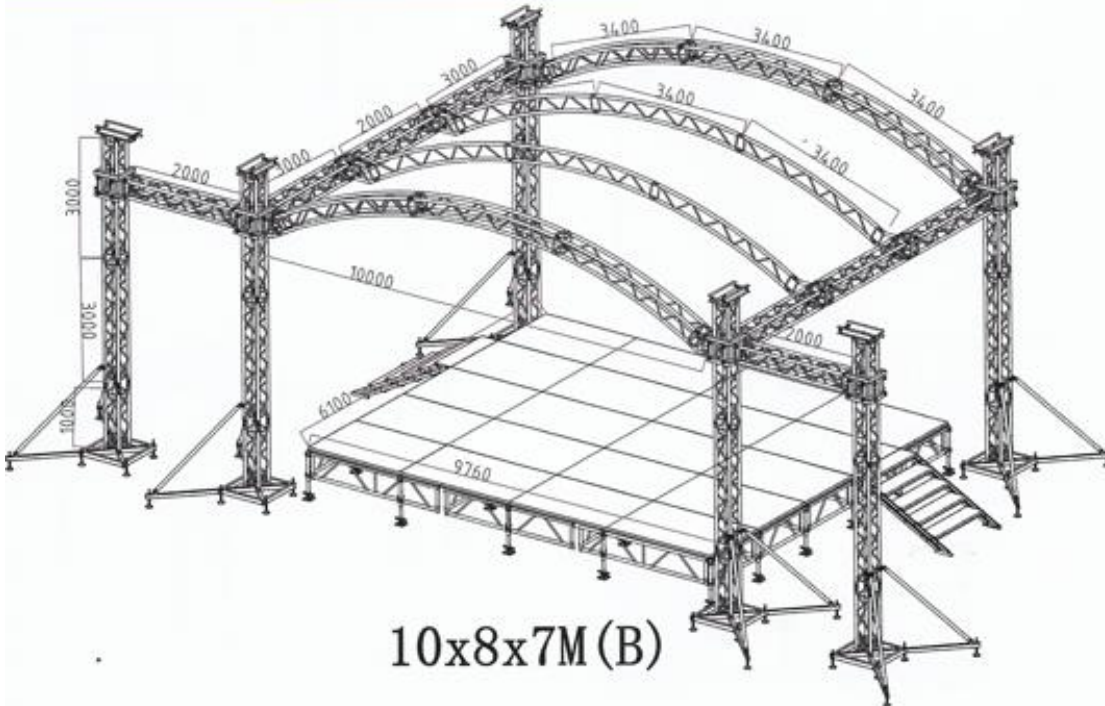


10x8x7M(A)

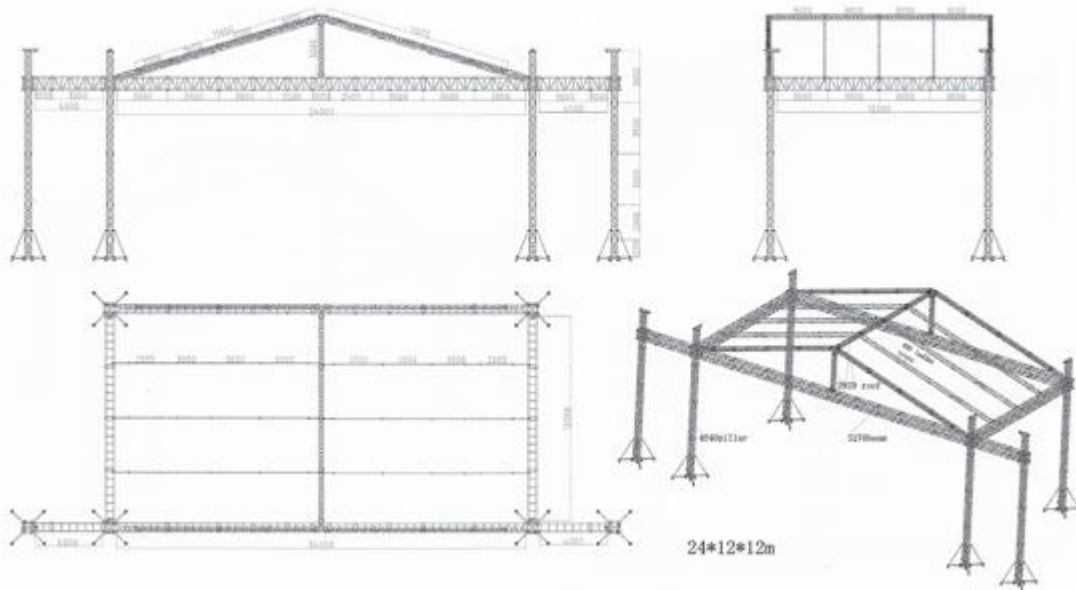
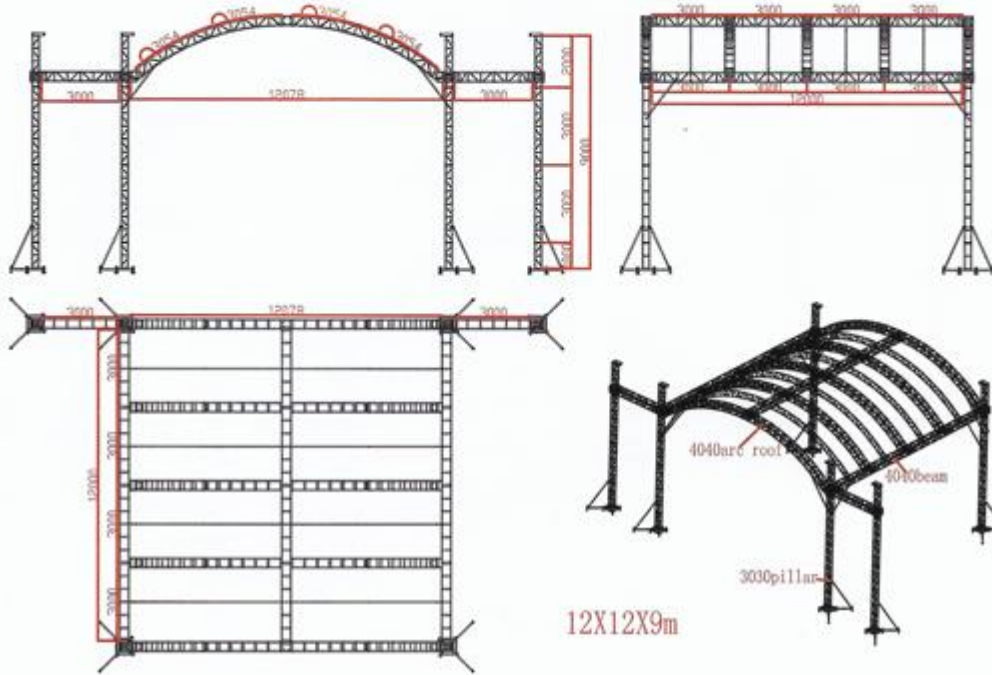




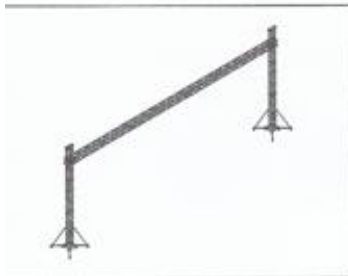
## Show details for truss system



## Show details for truss system



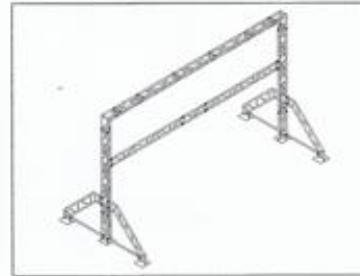
## Show details for truss system



SD-001



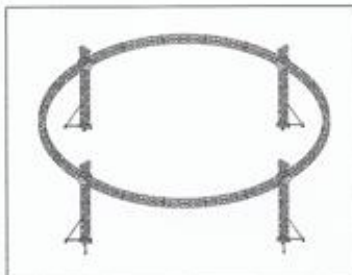
SD-002



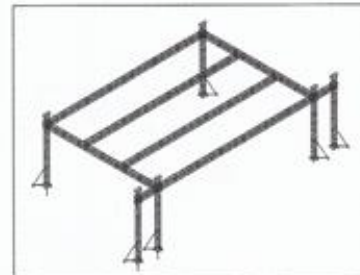
SD-003



SD-004



SD-005

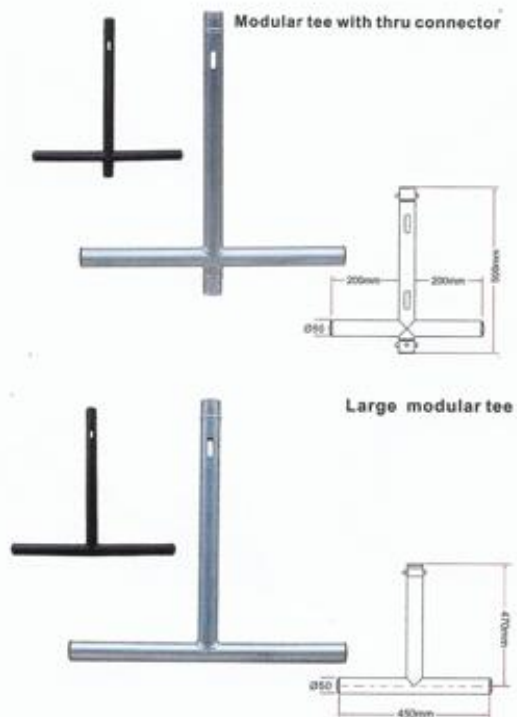


SD-006





## T Frame



## U Frame



## Lifting Stand



**TS-400**

1M Single Layer Hand Crank  
Variable Height: 1.8-4M  
Self Weight: 53kg  
Max load: 200kg  
Hand winch: 1200lb, 1800lb  
Thickness: 2.5mm  
Telescopic tube: 80/60/40mm  
Package size: 1800x520x410mm



**TS-401**

4M Single Layer Hand Crank  
Variable Height: 1.8-4M  
Self Weight: 50kg  
Max load: 200kg  
Hand winch: 1200lb, 1800lb  
Thickness: 2.5mm  
Telescopic tube: 80/60/40mm  
Package size: 1800x450x450mm



**SBLT-450**

Single beam lamp truss  
Variable Height: 1.8-4.3M  
Beam: 2M  
8 Light tube diameters: 40x40mm  
Self Weight: 18kg  
Max load: 60kg  
Thickness: 1.0mm  
Package size: 202x24x19mm



**TS-451**

4M Telescopic Scaffold  
Variable Height: 1.7-4M  
Light tube diameters: 40x40mm  
Self Weight: 20kg  
Max load: 60kg  
Thickness: 1.0mm  
Package size: 1800x24x19mm



**LAHC-600**

Line Array Hand Crank  
Variable Height: 2-6M  
Self Weight: 120kg  
Max load: 250kg  
Hand winch: 2600lb  
Thickness: 2.5mm  
Telescopic tube: 120/100/80/60mm  
Package size: 2000x620x500mm



**TS-601**

6M Telescopic Scaffold  
Variable Height: 2.0-6M  
Self Weight: 70kg  
Max load: 250kg  
Hand winch: 1200lb, 1800lb  
Thickness: 2.5mm  
Telescopic tube: 100/80/60/40mm  
Package size: 2000x540x420mm



**TS-603**

6M Telescopic Scaffold  
Variable Height: 2.0-6M  
Self Weight: 70kg  
Max load: 250kg  
Hand winch: 1200lb, 1800lb  
Thickness: 2.5mm  
Telescopic tube: 100/80/60/40mm  
Package size: 2000x460x460mm



**TS-701**

7M Telescopic Scaffold  
Variable Height: 2.0-7M  
Self Weight: 120kg  
Max load: 340kg  
Hand winch: 2600lb  
Thickness: 2.5mm  
Telescopic tube: 120/100/80/60mm  
Package size: 2450x600x450mm

## Aluminum Scaffold



## Layer Truss



LY-001



LY-002



LY-003



LY-004



LY-005



LY-006



LY-007



LY-008 2M



LY-009 4M



LY-010 6M



LY-011 8M



LY-012 10M



## Clamps



**CLP-001**

width is:50mm  
For diameter:48-51MM  
Hosted weight:500KG  
Unit weight:0.46KG



**CLP-002**

width is:50mm  
For diameter:48-51MM  
Hosted weight:500KG  
Unit weight:0.91KG



**CLP-003**

width is:30mm  
For diameter:48-51MM  
Hosted weight:100KG  
Unit weight:0.17KG



**CLP-004**

width is:30mm  
For diameter:48-51MM  
Hosted weight:100KG  
Unit weight:0.35KG



**CLP-005**

width is:30mm  
For diameter:40-58MM  
Hosted weight:250KG  
Unit weight:0.47KG



**CLP-006**

width is:30mm  
For diameter:40-58MM  
Hosted weight:250KG  
Unit weight:0.47KG



**CLP-007**

width is:30mm  
For diameter:48-51MM  
Hosted weight:100KG  
Unit weight:0.165KG



**CLP-008**

width is:30mm  
For diameter:48-51MM  
Hosted weight:100KG  
Unit weight:0.2KG



**CLP-009**

width is:30mm  
For diameter:32-35MM  
Hosted weight:75KG  
Unit weight:0.2KG



**CLP-010**

width is:30mm  
For diameter:48-51MM  
Hosted weight:300KG  
Unit weight:0.398KG



**CLP-011**

width is:50mm  
For diameter:48-51MM  
Hosted weight:300KG  
Unit weight:0.62KG



**CLP-012**

width is:30mm  
For diameter:48-51MM  
Hosted weight:200KG  
Unit weight:0.29KG



**CLP-013**

width is:30mm  
For diameter:48-51MM  
Hosted weight:200KG  
Unit weight:0.29KG



**CLP-014**

width is:30mm  
For diameter:48-51MM  
Hosted weight:500KG  
Unit weight:0.45KG



**CLP-015**

width is:30mm  
For diameter:32-35MM  
Hosted weight:50KG  
Unit weight:0.187KG



**CLP-016**

width is:25mm  
For diameter:32-35MM  
Hosted weight:75KG  
Unit weight:0.213KG



**CLP-017**

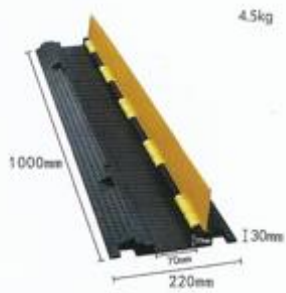
width is:50mm  
For diameter:48-51MM  
Hosted weight:200KG  
Unit weight:0.59KG



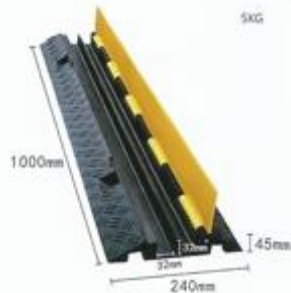
**CLP-018**

width is:30mm  
For diameter:30-60MM  
Hosted weight:30KG  
Unit weight:0.25KG

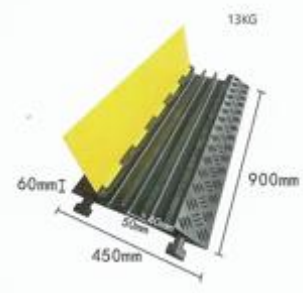
## Cable Ramp



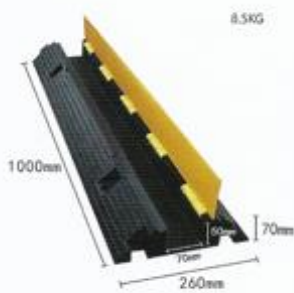
CR-001



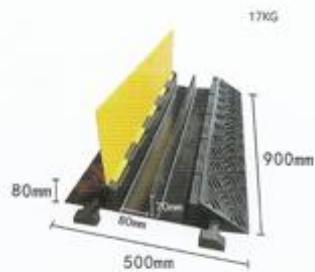
CR-002



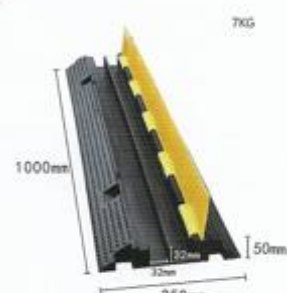
CR-004



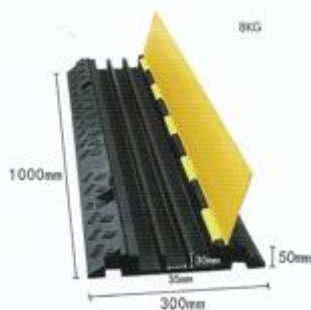
CR-005



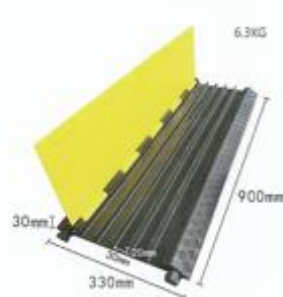
CR-006



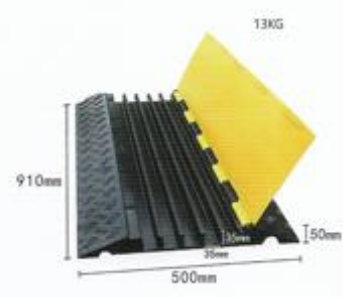
CR-007



CR-008



CR-009



CR-010

# Get in Touch with Our Engineering Team

## Comprehensive Project Support – From Concept to Completion

We are pleased to offer you a full-service solution for your aluminum truss system needs.

Our team of experienced professionals provides:

- **Consultation and project planning**
- **Engineering and custom design**
  - **Sales and system supply**
  - **On-site installation**
- **After-sales service and support**

Please feel free to contact us with your requirements.  
Our engineers will develop a customized solution tailored to your project and provide you with a detailed quotation promptly.



Aberle Systems Co., Ltd.  
91/238, Suwinthawong Road, Min Buri Sub-District  
Min Buri  
Bangkok, Thailand 10510  
Tel: +66 816916147, +662 0648622  
Email: [heiko@aberle-systems.com](mailto:heiko@aberle-systems.com)  
Email: [phairat@aberle-systems.com](mailto:phairat@aberle-systems.com)  
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