TRILOCK E-GL33

TRILOCK E-GL33 is a 3-point truss system made of aluminum. The individual elements are connected via three cones, pivots and pins. TRILOCK E-GL33 is made of EN-AW 6082 T6 (AlMgSi1 T6) alloy for high loads. The advantage of the conical connection system is that the cones completely fit into the main chords so that highest load capacity is guaranteed. The Quick-Lock system enables fast, efficient and highly aesthetic assembly when the truss constructions are frequently assembled and dismantled.

The three main chords are made of 50 mm aluminum tube with 2 mm wall thickness and offer a good relation between strength and weight. The braces have a diameter of 20 mm with 2 mm wall thickness and provide stability for this truss system. With 290 and 257 mm outer dimensions, TRILOCK E-GL33 is a stable truss system for higher loads and extended durability.

This system is mainly designed for intense use in stage installations, fair installations, event installations but also for permanent installations in discotheques and theatres. Its polished surface makes this universal system a real eyecatcher. Due to its wide range of standard system lengths, corners, circles and accessories, this system is highly versatile and offers unlimited design possibilities.

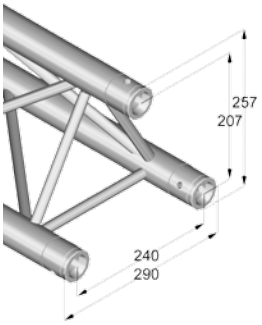
The production of this truss system is TUV-monitored. The TUV-logo, the load tables and the engineering drawings can be downloaded from the Internet before buying the product! ALUTRUSS elements are made in Europe and welded by specially trained welders certified by the German SLV association.

- Systems are available in RAL and special varnishing on request
- All sizes available
- Near-term delivery

including connecting cone

ALUTRUSS TRILOCK E-GL33 3-way cross beam

No. 60302176	E-GL33 210
No. 60302178	E-GL33 290
No. 60302180	E-GL33 500
No. 60302182	E-GL33 1000
No. 60302184	E-GL33 1500
No. 60302186	E-GL33 2000
No. 60302188	E-GL33 2500
No. 60302190	E-GL33 3000
No. 60302192	E-GL33 3500
No. 60302194	E-GL33 4000
No. 60302196	E-GL33 4500
No. 60302198	E-GL33 5000



Materials used:

Alloy	EN-AW 6082 T6 (AlMgSi1 T6)
Main chords	50 x 2 mm
Braces	20 x 2 mm
Accessory/truss	4 x connecting cone, pivot, pin

Load table 6082:

Span (m)	Point load (kg)	Deflection (mm)	UDL (kg/m)	Deflection (mm)
1,0	725	1,6	1300	2,1
2,0	600	2,9	750	4,8
3,0	490	5,8	396	7,4
4,0	415	10,5	195	12,6
5,0	350	16,5	133	24,0
6,0	270	16,8	98	29,0
8,0	205	33,4	56	52,5
10,0	160	50,8	35	82,2
12,0	135	81,3	23	115,2

Maximum system-length: 12 meters

TÜV NORD Baumuster geprüft

GSI SLV

STATICS AVAILABLE

50 mm

Delivery, technical changes, errors and omissions exempted. Please take notice of the user manuals and latest information which can be downloaded from our site. All pictures are similar and partially symbolic.