

Prolyte

Verto H40V

Middle Beam Truss



Prolyte Verto H40V Middle Beam

Features

The Verto truss is based on a new principle of truss connection, where the sections are joined by a rotating coupler system. This system has great advantages over existing systems. The name Verto is derived from Latin, meaning to turn or to turn around and that is exactly how this coupler works.

System Description:

Verto H40V MB Series truss is the latest addition to the Verto program, constructed of main chords (48 x 3 mm) and diagonal members (20 x 2 mm).

Equipped with the Verto coupling system, the H40V MB truss is fast and easy to assemble. The H40V MB offers extra strength, next to its flexible application possibilities and is the ideal solution for the event or exhibition market.

The extra middle beam in the bottom surface will guarantee safe and easy suspension of your LED wall.

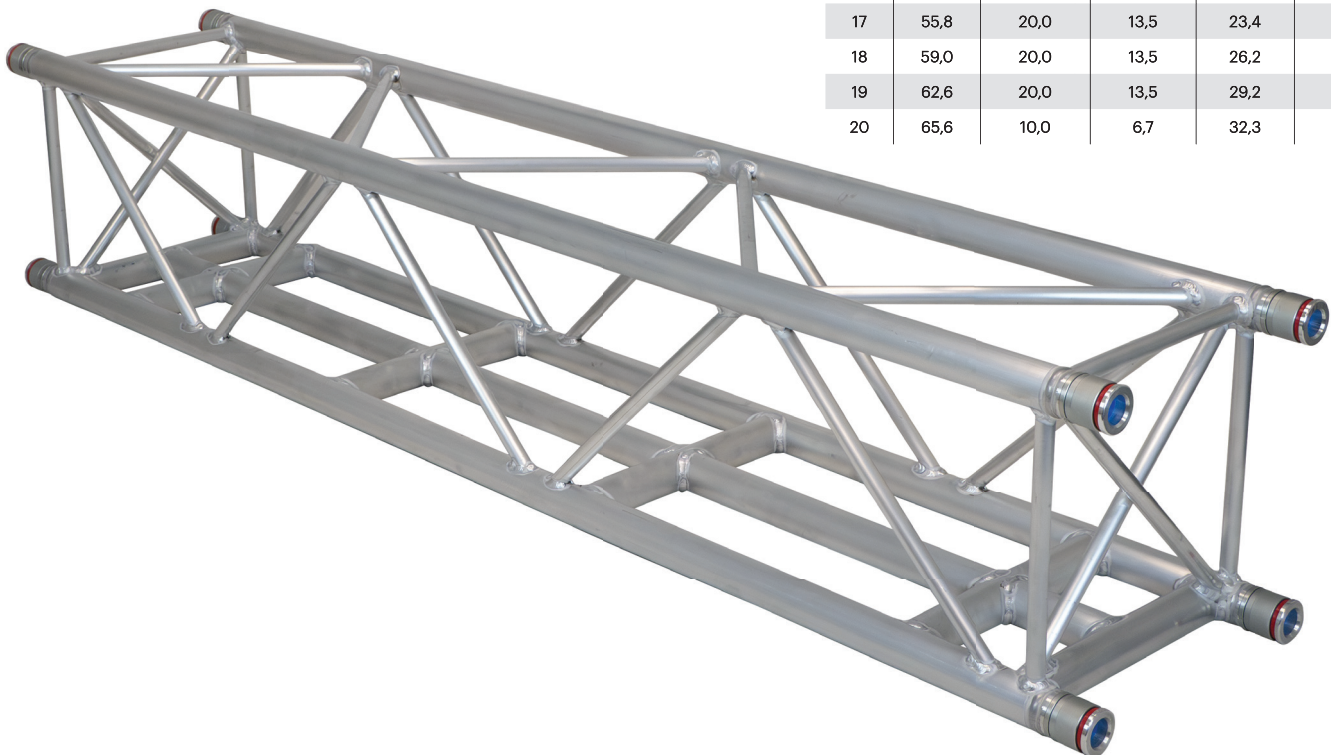
Keeping the total load in the middle of your truss section, thereby avoiding unbalanced loading or using the truss in a diamond shape. The Verto H40V MB series is fully compatible with the regular Verto H40V MB truss series and can be combined in one grid.

Technical specifications:




Alloy	• EN AW 6082 T6
Main chords	• 48 x 3 mm
Diagonal members	• 20 x 2 mm
Coupling System	• Verto

H40-MB - Allowable loading on the middle beam

MAXIMUM ALLOWABLE POINT LOADS					
SPAN		Centre Point load		DEFLECTION	
m	ft	kgs	lbs	cm	in
3	9,8	300,0	201,9	0,7	0,28
4	13,1	290,0	195,1	1,3	0,51
5	16,4	230,0	154,8	2,0	0,79
6	19,7	190,0	127,8	2,9	1,14
7	23,0	160,0	107,7	4,0	1,57
8	26,2	130,0	87,5	5,2	2,05
9	29,5	100,0	67,3	6,5	2,56
10	32,8	80,0	53,8	8,1	3,19
11	36,1	60,0	40,4	9,8	3,86
12	39,4	50,0	33,6	11,6	4,57
13	42,6	40,0	26,9	13,7	5,39
14	45,9	40,0	26,9	15,8	6,22
15	49,2	30,0	20,2	18,2	7,17
16	52,5	30,0	20,2	20,7	8,15
17	55,8	20,0	13,5	23,4	9,21
18	59,0	20,0	13,5	26,2	10,31
19	62,6	20,0	13,5	29,2	11,50
20	65,6	10,0	6,7	32,3	12,72



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