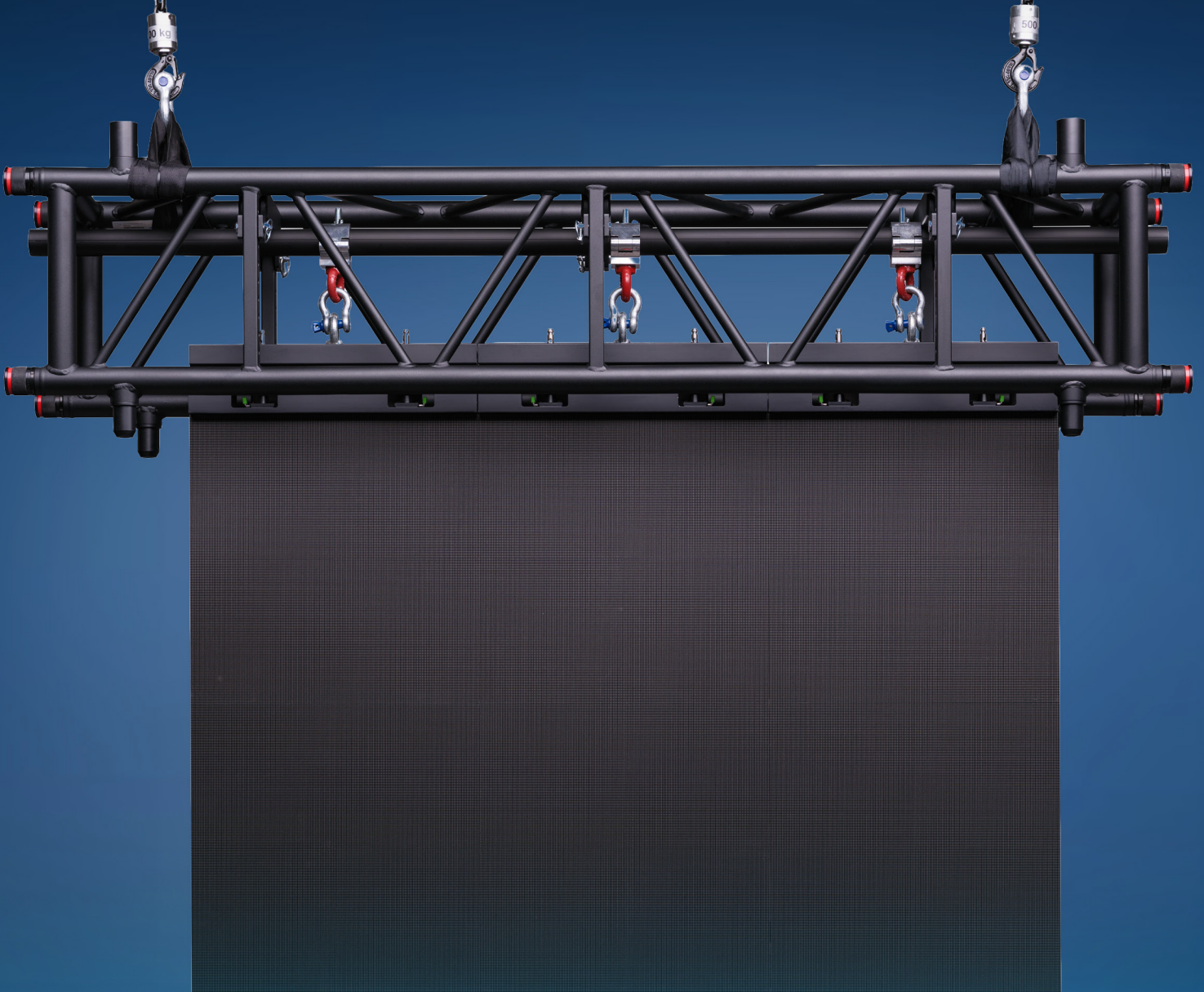




PROLYTE⁴



Discover more



VER-H40U pre-rig

Product-Specific Brochure

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VER-H40U pre-rig truss

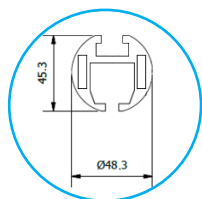
Product description

The H40U pre-rig truss is a versatile truss system featuring the innovative Verto connection system and an adaptable middle beam for easy LED screen integration. Compatible with the standard H40V truss, it enables fast, tool-free assembly, safe transport of pre-mounted lighting or LED panels and efficient stacking for touring and fixed installations.

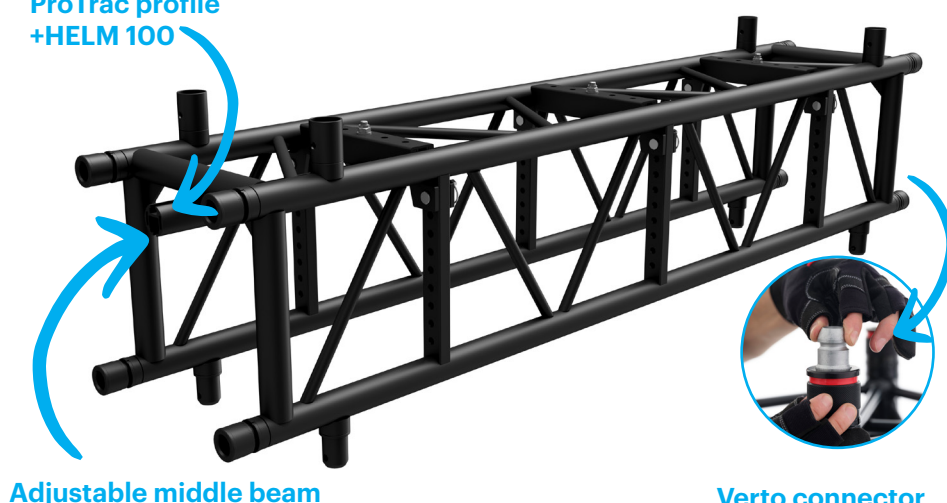
Flexible cross members with M12 mounting holes enable precise fixture placement and support additional profiles, while a range of lengths and accessories provide customisation for various applications.

Key features:

- Tool-free VERTO connections – tool-free, fast assembly protecting your lighting fixtures.
- High rigidity – robust construction ensures excellent structural stability.
- Height-adjustable suspension bar enables precise positioning across 9 different height settings in 30-mm increments, from the top to the bottom position.
- Suspension bar fitted with ProTrac rail as standard – Helm profile 100.
- Option to position the middle beam in 5 different locations or add further middle beams as required.



ProTrac profile
+HELM 100



Adjustable middle beam

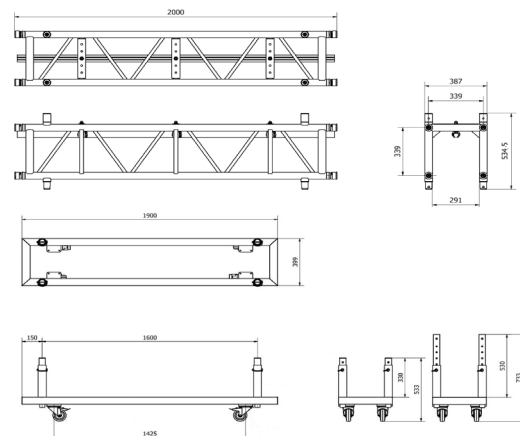


Verto connector

Technical specifications VER-H40U series

Types	Square (S)
Alloy	EN AW 6082 T6
Main chords	48x3 mm
Diagonal members	20x2 mm
Coupling system	Verto

Overall measurements

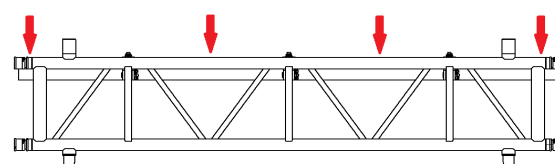


VER-H40U Allowable load on the middle beam

The middle beam can be loaded with 165 kg in each field between the supports.

The cantilevered part of the middle beam can also be loaded with up to 165 kg.

The load on the middle beam must not exceed the loading capacity of the truss.



VER-H40U pre-rig truss

VER-H40U pre-rig series - allowable load

SPAN		Uniformly Distributed Load		DEFLECTION		CPL		DEFLECTION		TPL		QPL		FPL		SPAN
m	ft	kg/m	lbs/ft	mm	in	kg	lbs	mm	in	kg	lbs	kg	lbs	kg	lbs	Total weight
3	9.8	832	560	0	0.0	1940	4282	0	0.0	1211	2673	832	1836	624	1377	42
4	13.1	621	418	1	0.0	1604	3540	1	0.0	1033	2280	803	1772	621	1371	56
5	16.4	494	332	1	0.0	1361	3004	1	0.0	897	1980	710	1567	593	1309	70
6	19.7	410	276	2	0.1	1178	2600	2	0.1	790	1744	634	1399	509	1123	84
7	23.0	350	236	3	0.1	1035	2284	3	0.1	703	1552	571	1260	445	982	98
8	26.2	278	187	4	0.2	919	2028	4	0.2	631	1393	504	1112	394	870	112
9	29.5	217	146	6	0.2	824	1819	5	0.2	571	1260	448	989	352	777	126
10	32.8	173	116	7	0.3	744	1642	6	0.2	519	1145	401	885	317	700	140
11	36.1	141	95	8	0.3	675	1490	7	0.3	474	1046	362	799	287	633	154
12	39.4	117	79	10	0.3	616	1360	8	0.3	435	960	328	724	261	576	168
13	42.6	98	66	12	0.5	563	1243	10	0.4	400	883	299	660	239	527	182
14	45.9	82	55	14	0.6	517	1141	11	0.4	369	814	273	603	219	483	196
15	49.2	70	47	16	0.6	475	1048	13	0.5	341	753	250	552	201	444	210
16	52.5	60	40	18	0.7	437	964	15	0.6	316	697	229	505	185	408	224
17	55.8	52	35	20	0.8	403	889	17	0.7	292	644	211	466	170	375	238
18	59.0	45	30	23	0.9	372	821	19	0.7	271	598	194	428	157	346	252
19	62.3	39	26	26	1.0	343	757	22	0.9	251	554	178	393	145	320	266
20	65.6	34	23	28	1.1	316	697	24	0.9	232	512	164	362	134	296	280

1 inch = 25.4 mm | 1 m = 3.28 ft | 1 lb = 0.453 kg

- Loading figures are only valid for static loads.
- Loading figures are only valid for single spans with supports at both ends.
- All static systems other than single spans require an individual structural calculation. Please contact a structural engineer or PROLYTE for assistance.
- Loading figures are calculated according to and in full compliance with European standards (Eurocodes).
- The self-weight of the trusses is already taken into account.
- Loading figures are only valid for the cross-sectional orientation of the truss as shown by the icon in the load table.
- The interaction between bending moment and shear force at the connection point is already taken into account.
- Truss spans can be assembled from different truss lengths.
- Read the manual before assembling, using and loading the truss.

VER-H40U-PRA series

Standard available lengths and codes

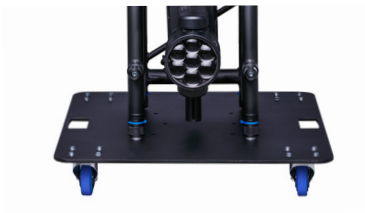
Metres	Feet	Description	Code	Item number
1.00	3.28	SQUARE 40 LENGTH 100 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM	VER-H40U-L100-PRA	111170193
1.50	4.92	SQUARE 40 LENGTH 150 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM	VER-H40U-L150-PRA	111170208
2.00	6.56	SQUARE 40 LENGTH 200 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM	VER-H40U-L200-PRA	111170194
2.50	8.20	SQUARE 40 LENGTH 250 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM	VER-H40U-L250-PRA	111170209
3.00	9.84	SQUARE 40 LENGTH 300 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM	VER-H40U-L300-PRA	111170210
4.00	13.12	SQUARE 40 LENGTH 400 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM	VER-H40U-L400-PRA	111170211
Black powder-coated RAL 9005, textured:				
1.00	3.28	SQUARE 40 LENGTH 100 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM RAL 9005 TEXTURED	PC-VER-H40U-L100-PRA-RAL9005-TXT	111170195
1.50	4.92	SQUARE 40 LENGTH 150 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM RAL 9005 TEXTURED	PC-VER-H40U-L150-PRA-RAL9005-TXT	111170212
2.00	6.56	SQUARE 40 LENGTH 200 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM RAL 9005 TEXTURED	PC-VER-H40U-L200-PRA-RAL9005-TXT	111170196
2.50	8.20	SQUARE 40 LENGTH 250 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM RAL 9005 TEXTURED	PC-VER-H40U-L250-PRA-RAL9005-TXT	111170213
3.00	9.84	SQUARE 40 LENGTH 300 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM RAL 9005 TEXTURED	PC-VER-H40U-L300-PRA-RAL9005-TXT	111170214
4.00	13.12	SQUARE 40 LENGTH 400 CM VERTO, WITH HEIGHT-ADJUSTABLE BEAM RAL 9005 TEXTURED	PC-VER-H40U-L400-PRA-RAL9005-TXT	111170215

Accessories

VERTO STEEL BASE PLATE

BASE 40V

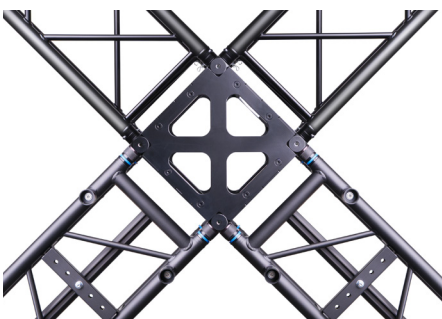
Description	Code	Item number
BASE STEEL 30-40 800X800X10 MM BLACK COATED + CASTORS	BASE-30-40-SS-BC-CAS	111500119
Connection pack:		
VERTO CONNECTOR 600 FOR BASE PLATE	VER6-649	111200212
ALLEN SCREW M12X20 CNTSNK	BM-M12X020-IB-CS	111520070



VERTO BOX CORNER

BOX CORNER 40V HD

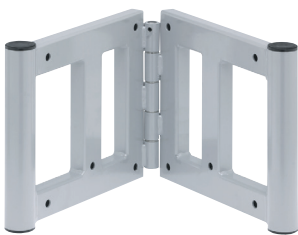
Description	Code	Item number
BOX CORNER 40V	BOX-40V-HD-0	111130120
BOX CORNER 40V HD RAL 9005	PC-BOX-40V-HD-0-RAL9005	111130095
Attachments for box corner:		
ATTACHMENT BOX 30V 60X60 VERTO	VER-BOX-40V-A-001	111130101
ALLEN SCREW M12X35 INBUS DIN912	BM-M12x035-IB	111520084
Or:		
VERTO CONNECTOR 600 HALF MALE	VER6-652S	111200214
ALLEN SCREW M12X030 FOR 652S CONNECTOR VERTO	VER-M12x030-652S	111520411



BOOK CORNER FOR VER-H40U

BOOK CORNER 40D/V

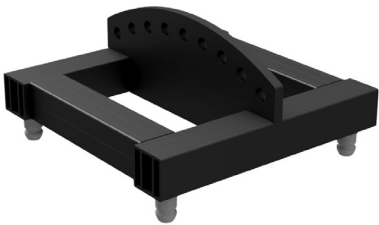
Description	Code	Item number
BOOK-40D/V WITHOUT CONNECTORS	BOOK-40D/V	111510005
BOOK-40D/V WITHOUT CONNECTORS RAL 9005	PC-BOOK-40D/V-RAL9005	111510012



VERTICAL LIFTING BRACKET

VER-40-U-LIFT

Description	Code	Item number
LIFTING BRACKET VER-H40U RAL 9005 TEXTURED	PC-ACC-VER-40U-LIFT-RAL9005-TXT	111600376



VER-H40U PRE-RIG DOLLY

VER-H40U PRE-RIG DOLLY

Description	Code	Item number
VERTO H40U PRE-RIG DOLLY LENGTH 100 CM	VER-H40U-L100-PRD	111170202
VERTO H40U PRE-RIG DOLLY LENGTH 150 CM	VER-H40U-L150-PRD	111170204
VERTO H40U PRE-RIG DOLLY LENGTH 200 CM	VER-H40U-L200-PRD	111170201
VERTO H40U PRE-RIG DOLLY LENGTH 250 CM	VER-H40U-L250-PRD	111170205
VERTO H40U PRE-RIG DOLLY LENGTH 300 CM	VER-H40U-L300-PRD	111170206
VERTO H40U PRE-RIG DOLLY LENGTH 400 CM	VER-H40U-L400-PRD	111170207



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