

PRODUCT DATA SHEET

The Arc-HT is based on the new HT tower, the grid is build out of H40V truss and the new HD-Boxcorner which optimizes the strength of the system. The arches are made out of H40V, with Compression members in-between.

The HT tower simplifies the dead hanging of the system, with its dead hang pin instead of a steel chain.

INCLUDING:

- Tension gear and steel wires
- Structural report

ROOF STRUCTURE

Towers	4x HT-Towers, Mast Sections of H30V Truss
Main grid	H40V Truss + H40V Arc Sections

TECHNICAL SPECIFICATIONS - ARC ROOF

Dimensions	12 x 10 m (39'4" x 32'9") 10 x 8 m (32'9" x 26'3"), 8 x 6 m (26'3" x 19'8")
Loading capacity	12 x 10 m approx. 5360 g 10 x 8 m approx. 4720 kg 8 x 6 m approx. 2940 kg
Total weight	12 x 10 m approx.. 1950 kg 10 x 8 m approx. 1700 kg 8 x 6 m approx. 900 kg
Transportation volume	12 x 10 m approx. 40 m ³ 10 x 8 m approx. 32 m ³ 8x 6 m approx. 24 m ³
Max. wind speed	28,4 m/second, 63,3 mph

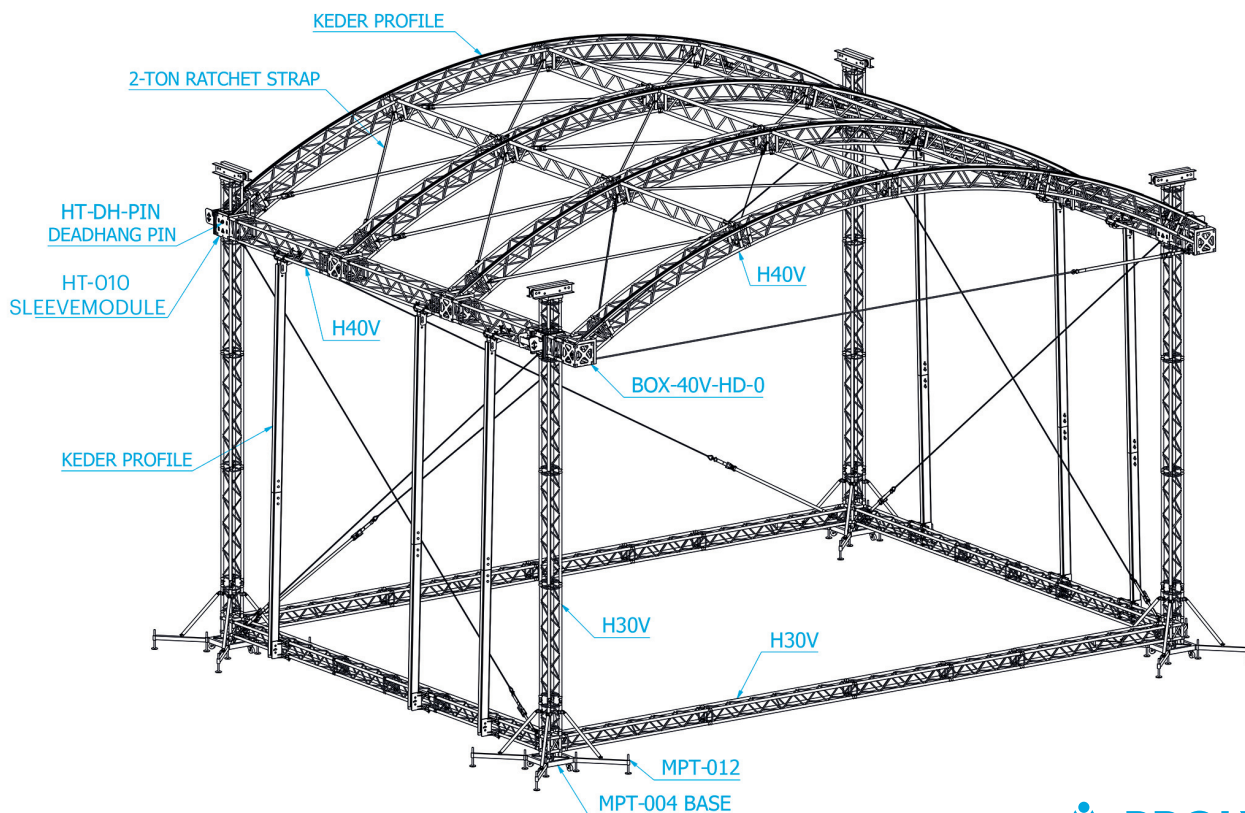
Consult Prolyte for up-to-date information on loading capacity, wind speed, total weight and transportation volume in line with the latest regulations.

Advantages

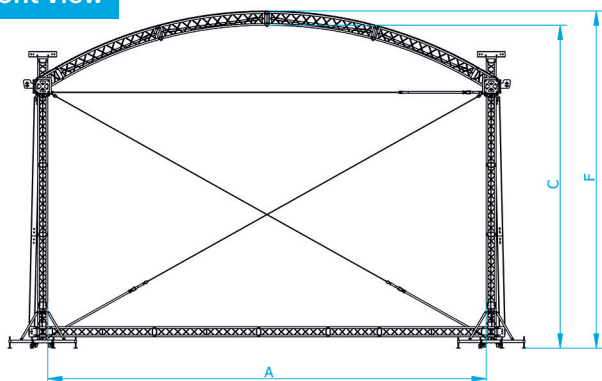
- Easy to handle, quick setup
- High loading capacity
- Simplified dead hang system
- All standard components
- Extra options

OPTIONS

Canopy	Side with keders, back and top
Canopy colour	Standard: outside grey, inside black (other colours possible)
Soundwings	Optional (yes, loading 1000 kg each)
Ballast	Several possibilities on request depending on construction. For example, water tanks, concrete blocks
Staging	Prolyte stage elements, Probeam combined with a scaffolding stage
Grounding	Yes, reduces ballast loading



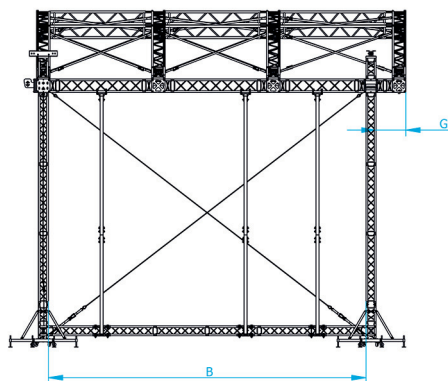
Front view



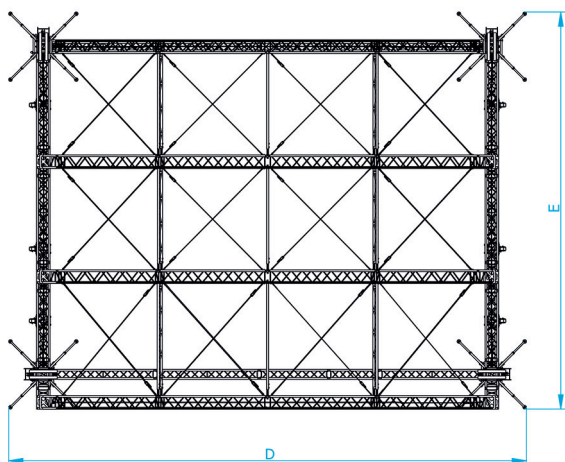
ARC - HT ROOF SYSTEM

10 x 8 m	4 Arcs
8 x 6 m	3 Arcs
6 x 4 m	2 Arcs

Side view



Top view



ARC-HT ROOF SYSTEM		Inside						Overall							
Stage measurements		A		B		C		D		E		F		G	
12 X 10 m	39'37" x 32'9"	12,63 m	14'44"	9,15 m	30'00"	9,29 m	30'48"	14,91 m	48'93"	11,44 m	36'09"	9,70 m	31'82"	0,86 m	2'82"
10 x 8 m	32'9" x 26'3"	10,63 m	34'88"	7,14 m	23'43"	6,00 m	19'69"	10,79 m	35'40"	8,50 m	27'89"	6,32 m	20'73"	0,71 m	2'34"
8 x 6 m	26'3" x 19'8"	8,63 m	28'31"	5,84 m	19'17"	6,26 m	20'54"	10,91 m	35'79"	8,12 m	26'64"	6,66 m	21'85"	1,36 m	4'46"

