Photo: DWR distribution, South Africa. Project: Proudly Bidvest Charity Walk

SYSTEM DESCRIPTION

A tower-based structure with a sloping roof toward the back of the stage, the Flat Roof is remarkably easy to build. Mainly based on standard trusses, the roof is available in three different sizes to provide a number of building options. The Flat roof can be considered as an entry-level system, which can easily be expanded to a MPT Roof system.

BASIC TRUSSING

Tower - MPT masts system
H30V truss
Grid - H40V truss
H40L truss

INCLUDING

- Tension gear and steel wires
- Structural report

ROOF STRUCTURE	
Towers	4 x MPT-tower, mast sections of H30V truss
Main grid	H40V and H40L truss
TECHNICAL SPECIFICATIONS - FLAT ROOF	
Dimensions	12 x 10 m , 10 x 8 m, 8 x 6 m (39'4" x 32'9"), (32'9" x 26'3"), (26'3" x 19'8")
Loading capacity (UDL)	12 x 10 m approx. 4000 kg / 8811 lbs 10 x 8 m approx. 4400 kg / 9692 lbs 8 x 6 m approx. 4400 kg / 9692 lbs
Total weight	approx. 2200 kg / 4850 lbs
Transportation volume	approx. 16 m^3 / 565 cu. ft.
Max. wind speed	28,4 m/second, 63,3 mph

OPTIONS	
Canopy	side, back and top
Canopy colour	standard: outside grey, inside black (other colours possible)
Soundwings	yes / loading 1000 kg each
Ballast	several possibilities on request depending on construction and wind speed
Staging	Prolyte stage elements, EasyFrame B or Pro-beam combined with a scaffolding stage
Cantilever	n.a.
ProLyft hoist 12x10 Flat Roof and accessories	4 x PAE-1000DC-0020 4 x PAE-A-FC1000 1 x PLA-33-20 2 x PLA-30-10 1 x PAE-C4DC-10 1 x PLA-41-001 4 x PAE-A-50-010 2 x PLA-30-20 1 x PLA-34-02
Comprehensive building manual	yes

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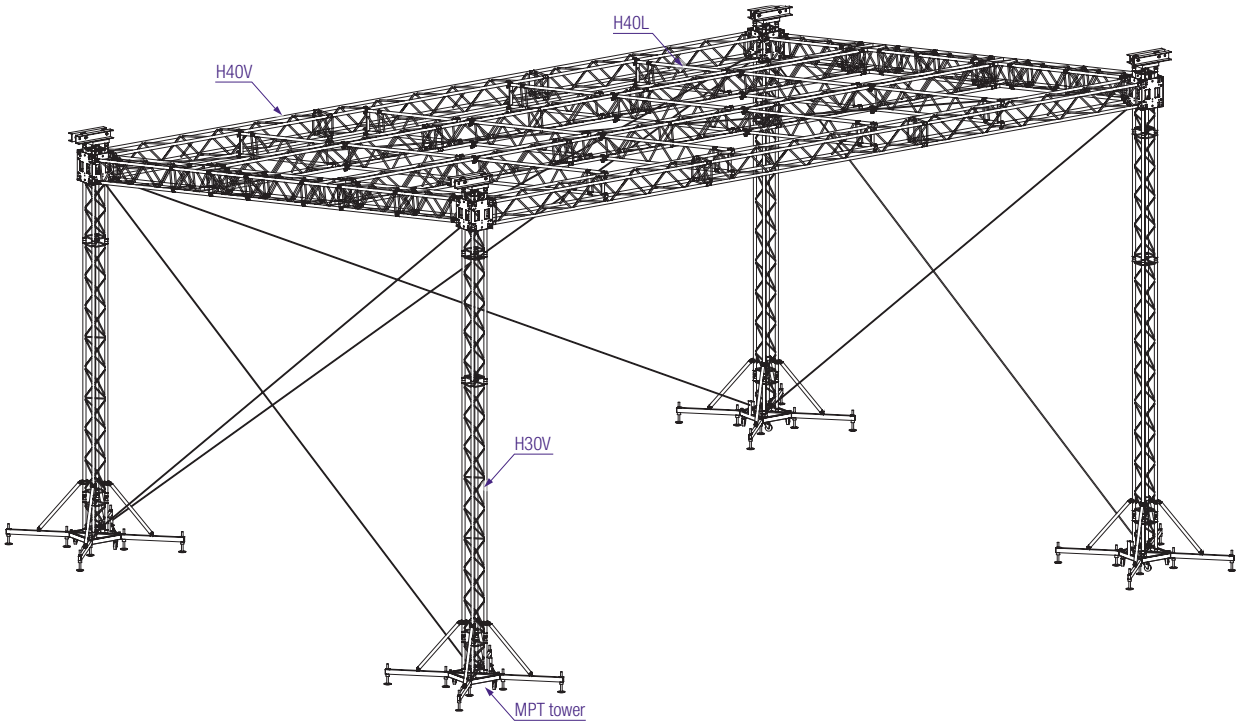
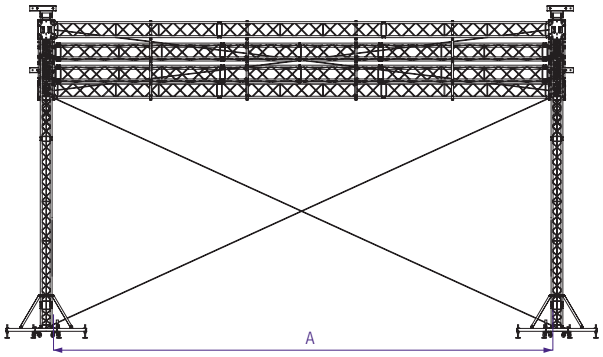
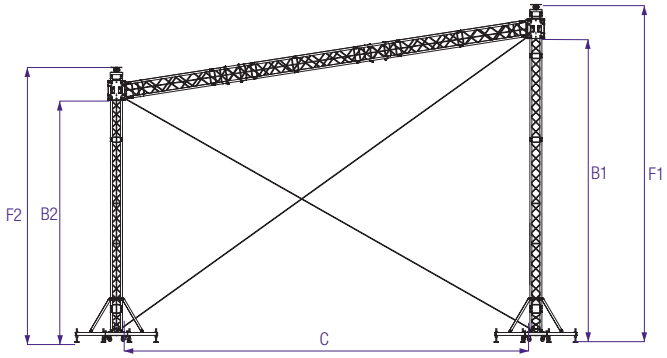


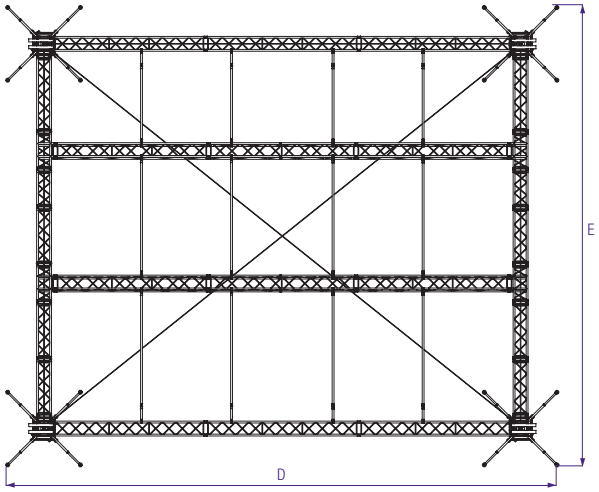
Front view



Side view



Top view



FLAT ROOF SYSTEM		Inside							
Stage measurements		A		B1		B2		C	
12 x 10 m	39'4" x 32'9"	12,15 m	39'10"	7,26 m	23'9"	5,78 m	18'11"	9,75 m	32'0"
10 x 8 m	32'9" x 26'3"	10,15 m	33'3"	7,24 m	23'6"	6,08 m	19'11"	7,78 m	25'6"
8 x 6 m	26'3" x 19'8"	8,15 m	26'7"	6,02 m	19'9"	5,16 m	16'11"	5,80 m	19'0"

FLAT ROOF SYSTEM		Outside							
Stage measurements		D		E		F1		F2	
12 x 10 m	39'4" x 32'9"	14,44 m	27'8"	12,05 m	39'6"	8,06 m	26'5"	7,06 m	23'1"
10 x 8 m	32'9" x 26'3"	12,44 m	40'9"	10,07 m	33'0"	8,06 m	26'5"	7,06 m	23'1"
8 x 6 m	26'3" x 19'8"	8,44 m	47'4"	8,09 m	26'6"	8,06 m	26'5"	7,06 m	23'1"