



Photo: Event Structures, UK , Project: Americana festival

SYSTEM DESCRIPTION

The MPT Roof is a tower-based structure with a pitched roof, a design which guarantees optimum strength. Primarily configured from standard trusses, the MPT Roof is available in three different sizes. However, the unrivalled flexibility of the system affords nearly 40 calculated building varieties or setup possibilities for your MPT Roof. At ProlyteStructures Roof Systems, we are aware that every season and every event brings different demands, and accordingly we have designed the MPT Roof to accommodate an extraordinary range of applications.

BASIC TRUSSING

- Tower - MPT masts system
H30V truss
- Grid - H30D truss
H40V truss

INCLUDING

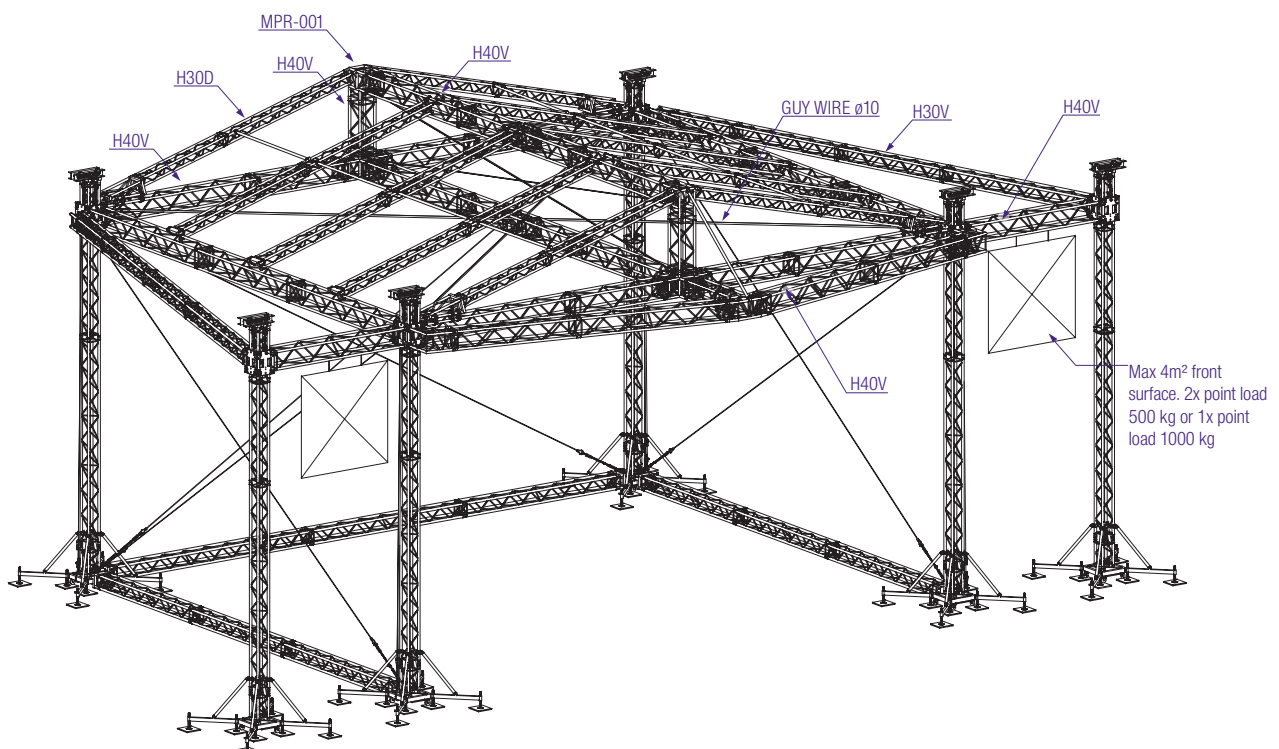
- Tension gear and steel wires
- Structural report I

ROOF STRUCTURE	
Towers	4 x MPT-tower, mast sections of H30V truss
Main grid	H30D and H40V truss
TECHNICAL SPECIFICATIONS - MPT ROOF	
Dimensions	12 x 10 m, 10 x 8 m, 10 x 6 m, 8 x 6 m (39'4" x 32'9"), (32'9" x 26'3"), 32'9" x 19'8"), (26'3" x 19'8")
Loading capacity (UDL)	12 x 10 m approx. 6600 kg / 14537 lbs 10 x 8 m approx. 6960 kg / 15330 lbs 10 x 6 m approx. 7500 kg / 16519 lbs 8 x 6 m approx. 7500 kg / 16519 lbs
Total weight	approx. 2200 kg / 4856 lbs
Transportation volume	approx. 35 m ³ / 1235 cu. ft.
Max. wind speed	28,4 m/s, 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 Probeam combined with a scaffolding stage
Cantilever	yes
ProLyft hoist (12x10 MPT roof without sound- wings) and accessories	4x PAE-1000DC-0020 4x PAE-A-FC1000 1x PLA-33-20 2x PLA-30-10 1x PAE-C4DC-10 1x PLA-41-001 4x PAE-A-50-010 2x PLA-30-20 1x PLA-34-02
ProLyft hoist (12x10 MPT roof with sound-wings) and accessories	6x PAE-1000DC-0020 6x PAE-A-FC1000 2x PLA-33-20 2x PLA-30-10 1x PAE-C8DC-10 1x PLA-41-001 4x PAE-A-50-010 2x PLA-30-20 2x PLA-34-02
Comprehensive building manual	yes

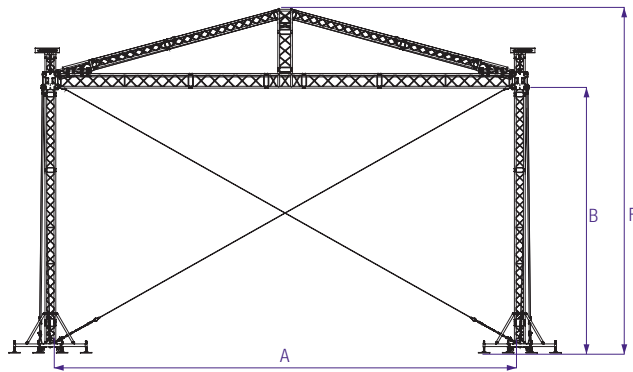


Photo: Metro, New Zealand, Project: Womad festival, New Zealand

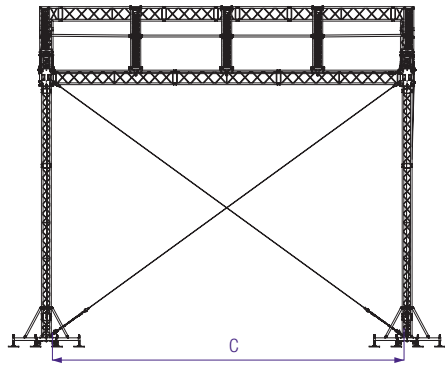




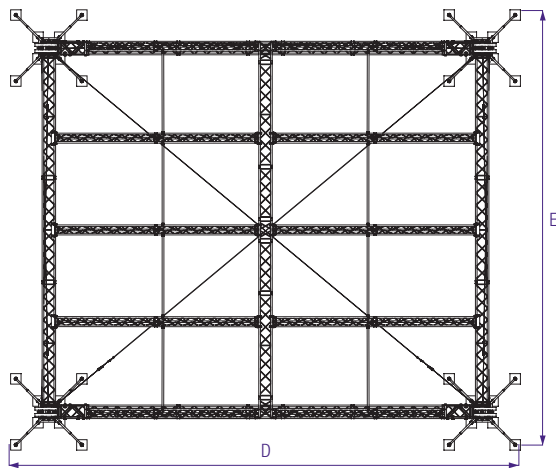
Front view



Side view



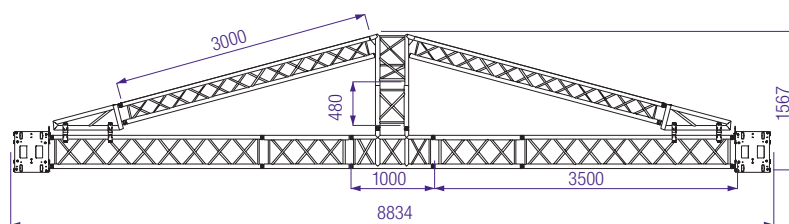
Top view



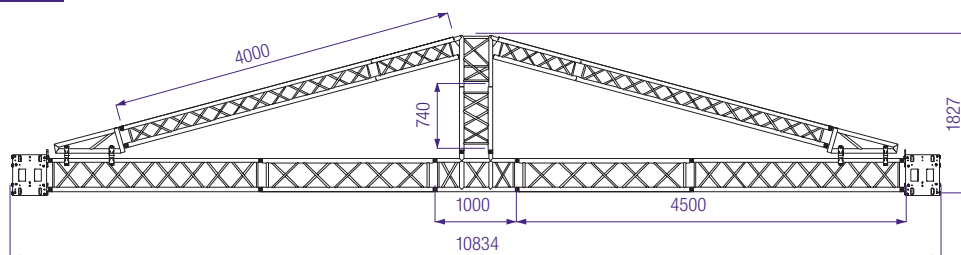
MPT ROOF SYSTEM		Inside						Overall					
Stage measurements		A		B		C		D		E		F	
12 x 10 m	39'4" x 32'9"	12,15 m	39'9"	7,20 m	23'6"	10,80 m	35'4"	14,14 m	46'4"	12,80 m	42'0"	9,26 m	30'4"
10 x 8 m	32'9" x 26'3"	10,15 m	33'3"	7,20 m	23'6"	8,80 m	28'8"	12,44 m	40'8"	9,80 m	32'1"	9,26 m	30'4"
10 x 6 m	32'9" x 19'8"	10,15 m	33'3"	7,20 m	23'6"	6,80 m	22'3"	12,44 m	40'8"	7,80 m	25'6"	9,26 m	30'4"
8 x 6 m	26'3" x 19'8"	8,15 m	26'7"	5,20 m	17'1"	6,80 m	22'3"	9,44 m	31'0"	7,80 m	25'6"	7,26 m	23'8"

MPT ROOF

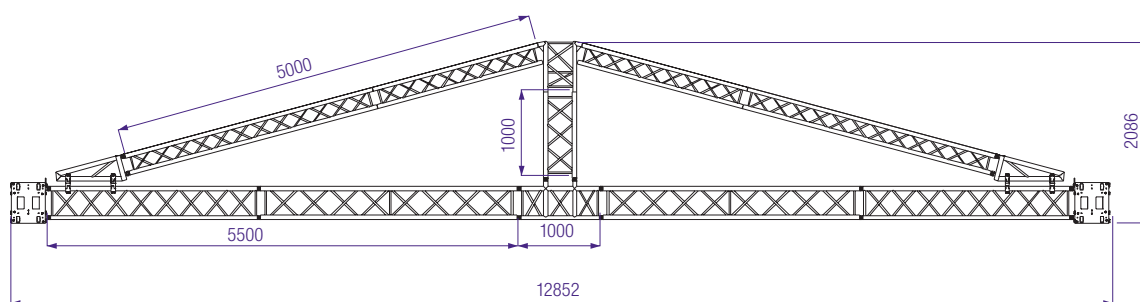
MPT ROOF 8 x 6 m



MPT ROOF 10 x 8 m



MPT ROOF 12 x 10 m



all measurements in mm