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

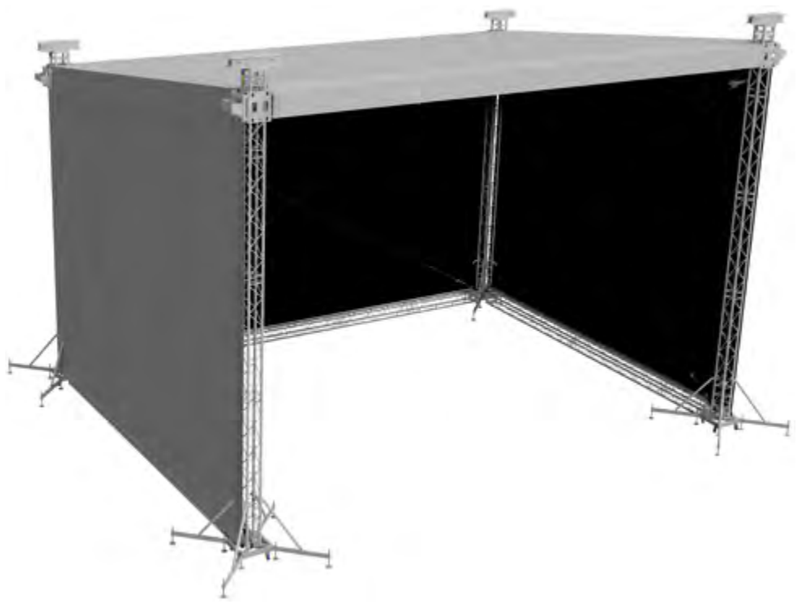






Photo: BVRent

## SYSTEM DESCRIPTION

The CLT Roof is a tower-based structure with a curved roof. It is based on the standard MPT Roof, which can easily be transformed into a CLT Roof simply by adding a different set of top units.
The CLT roof top section is based on arched H30D truss with integrated keder profiles to mount the canopy.
These arches are supported by special frames which are mounted on the basic grid trusses.

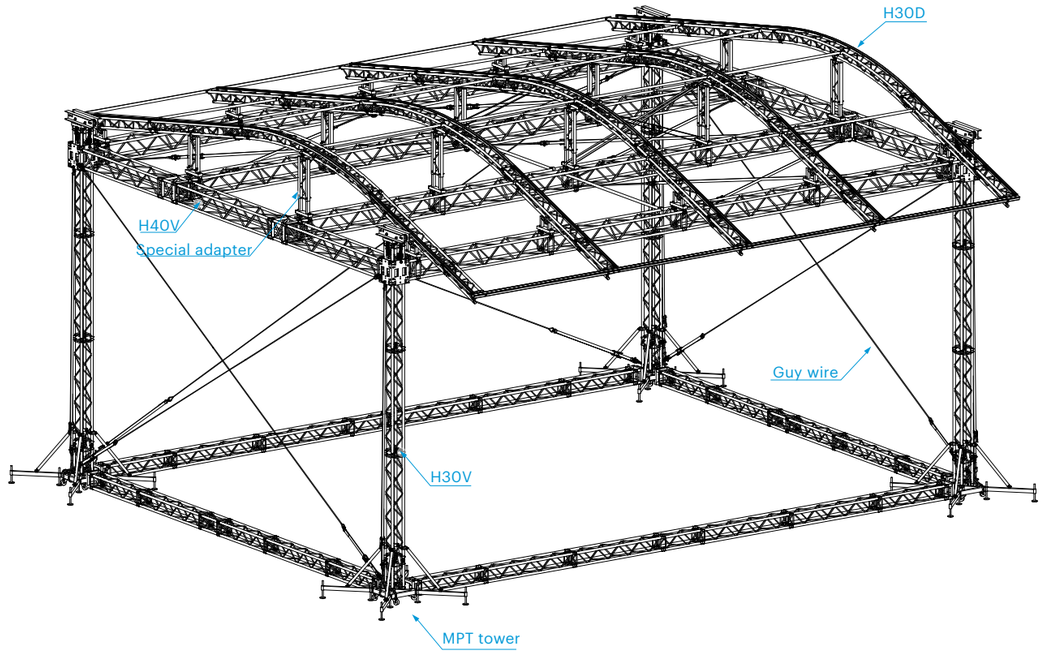
## INCLUDING

- Tension gear and steel wires
- Structural report

| ROOF STRUCTURE | |
|---|---|
| Towers | 4 x MPT-tower |
| Main grid | H40V and H30D truss |
| **TECHNICAL SPECIFICATIONS - CLT ROOF** | |
| Dimensions | 12 x 10 m, 12 x 8 m, (39'4" x 32'9"), (39'4" x 26'3") |
| Loading capacity (UDL) | 12 x 10 m approx. 2470kg<br>12 x 8 m approx. 2470kg |
| Total weight | approx. 1900 kg / 4188 lbs |
| Transportation volume | approx. 32 $m^3$ / 1130 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 | optional (yes, 1000kg) |
| Ballast | several possibilities on request from 1,5 - 3 ton per tower depending on construction |
| Staging | Prolyte stage elements, EasyFrame B or Probeam combined with a scaf-folding stage |
| Cantilever | yes (included) |

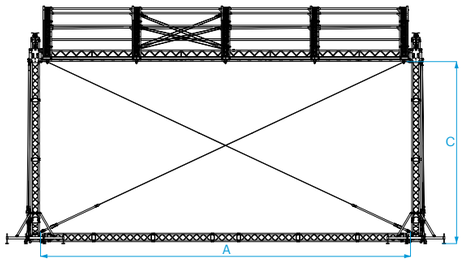

Photo: Impact Production Services (IPS) at Glamis Castle



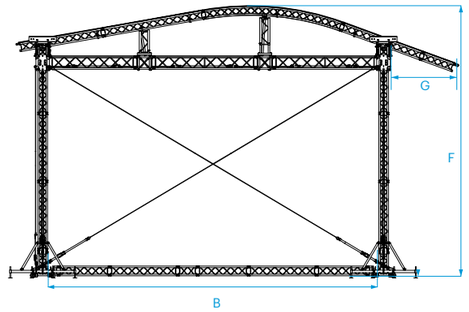



CLT ROOF

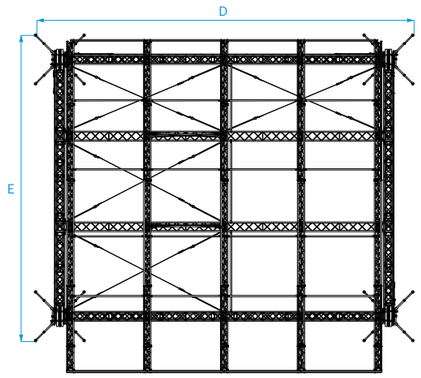
**Front view**




**Side view**

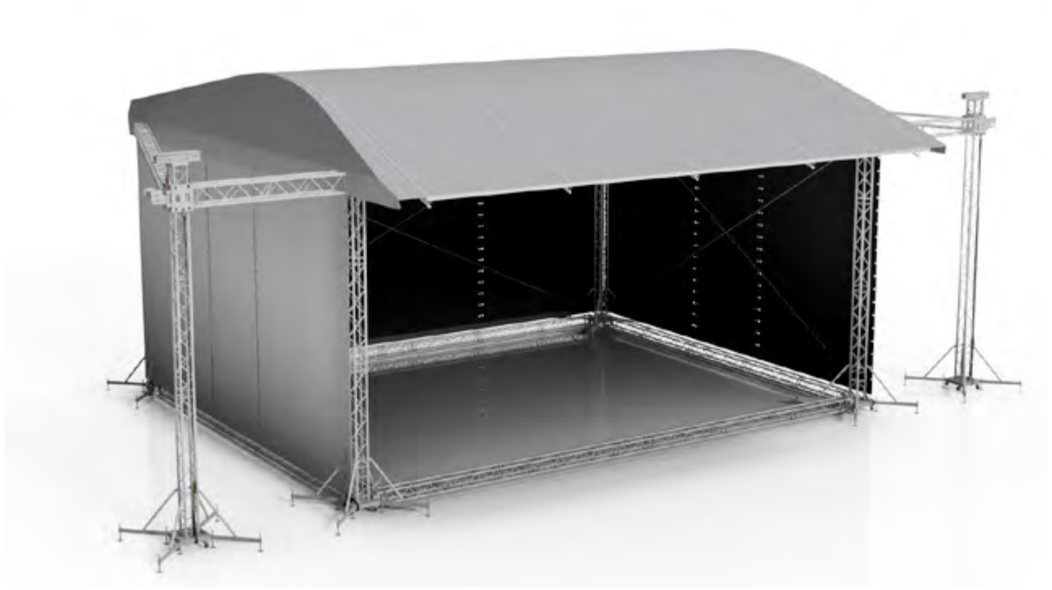



**Top view**

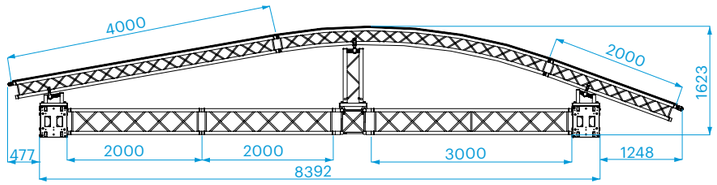



| CLT ROOF SYSTEM | inside | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Stage measurements | | A | | B | | C | | |
| 12 x 10 m | 39'4" x 32'9" | 12,53 m | 41'11" | 9,73 m | 31'92" | 6,13 m | 20'11" | |
| 12 x 8 m | 39'4" x 26'3" | 12,53 m | 41'11" | 7,69 m | 25'23" | 6,13 m | 20'11" | |

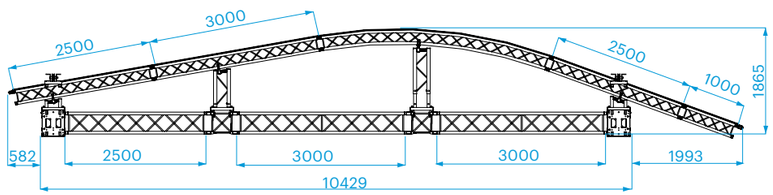
| CLT ROOF SYSTEM | overall | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Stage measurements | | D | | E | | F | | G | |
| 12 x 10m | 39'4" x 32'9" | 13,11 m | 43'01" | 10,30 m | 33'79" | 8,00 m | 26'25" | 2,19 m | 7'19" |
| 12 x 8 m | 39'4" x 26'3" | 13,11 m | 43'01" | 8,30 m | 27'23" | 8,00 m | 26'25" | 1,45 m | 4'76" |



**CLT ROOF 12 x 8 m**




**CLT ROOF 12 x 10 m**




all measurements in mm






Photo: Install Profi, Russia

## SYSTEM DESCRIPTION

The MPT Roof is a self climbing tower-based structure with a pitched roof, a design which guarantees optimum strength. Primarily configured from standard trusse modules, the MPT Roof is available in two different sizes. However, the unrivalled flexibility of the system affords nearly 40 calculated building varieties or setup possibilities for your MPT Roof.

At Prolyte, 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.

## INCLUDING

- Tension gear and steel wires
- Structural report

| 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 (39'4" x 32'9")<br>• 10 x 8 m (32'9" x 26'3") |
| Loading capacity (UDL) | 12 x 10 m approx. 3950kg<br>10 x 8 m approx. 4500kg |
| Total weight | 12 x 10 m approx. 2400kg<br>10 x 8 m approx. 2100kg |
| Transportation volume | 12 x 10 m approx. 40m³<br>10 x 8 m approx. 32m³ |
| Max. wind speed | 28,4 m/s, 63,3 mph |

Advantages
- Designed to offer optimum strength
- Versatile applications
- Extra options available

| OPTIONS | |
|---|---|
| Canopy colour | standard: outside grey, inside black (Different colours available on request) |
| Soundwings | Optional (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 |