

# Technical Information: Prolyte Arc Roof Stage

The Arc Roof is a fixed construction based three curved arches of truss that are supported by side masts. The grid is constructed from curved sections of Prolyte H30D truss with a keder profile and the masts are Prolyte H30V. The structure has an area of 8m by 6m.

The stage has a central apex height of 5m, with a maximum height to grid of 4.7m. The structure can support a total load of 750kg (UDL). The roof of the stage is covered in smart grey PVC material, with a blackout lining. The back and sides are covered with a semi-transparent black mesh scrim material, although a solid PVC wall option will also soon be available. The standard stage base layout is 26' (8m) wide by 20' (6m) deep, with a platform height of 1.2m (4'). Handrails are fitted to the rear and sides of the platform, and various ramp and step options are available for access. Due to the arch construction, PA wings are not available for this structure, with freestanding towers being the preferred alternative.

The structure and all its components are all fully rated, tested and certified, and the construction is signed off by a Prolyte trained technician prior to handover. Full method statements and risk assessments are adhered to at all times.

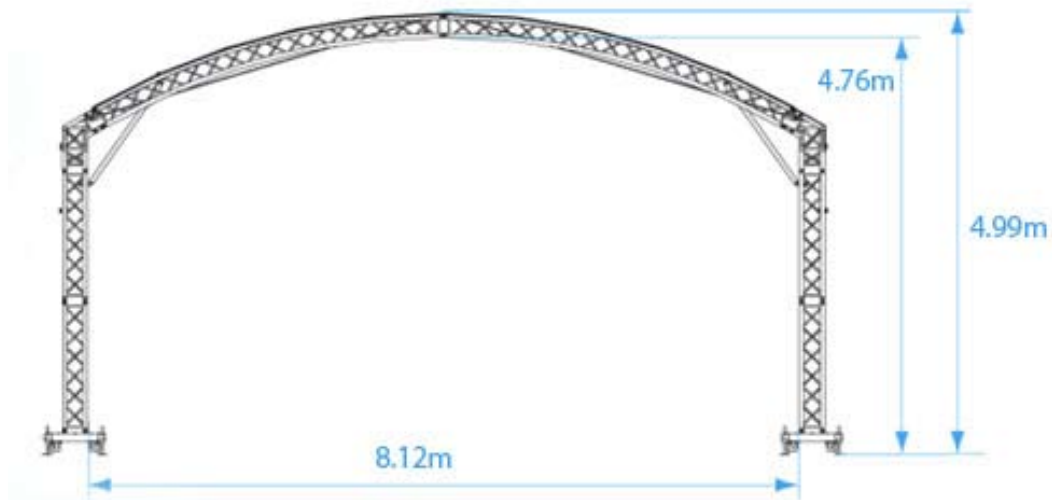


The structure is secured to the ground using special anchors. In a situation where these cannot be used, it can also be secured to surface ballast containers. However, due to the design and size of the structure, the ballast weight required is minimal. There are many branding opportunities on this stage- please contact us for details on custom made banners, speaker scrims and valance. The Arc Roof can be installed by a trained team of IPS technicians in a matter of hours, and removal is marginally quicker.

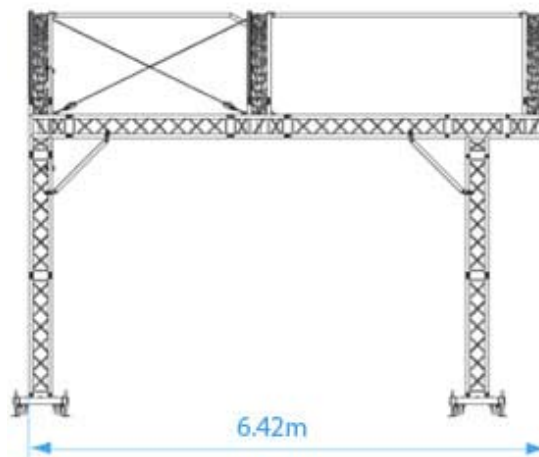
This stage can be supplied as an individual item, or as part of a complete technical production solution. IPS can also supply crowd barrier, stage risers, viewing platforms, FOH control positions, sound systems, special effects, stage and event lighting equipment and much more. Please do not hesitate to contact us for further details.

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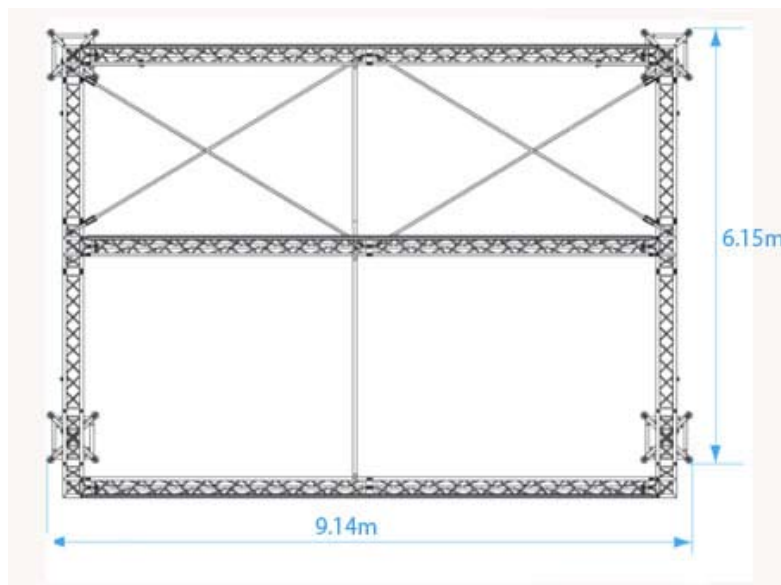
Front View



Side View



Top View



Please note that all dimensions and loadings should be used as a guide. Final details will depend on location and circumstances.