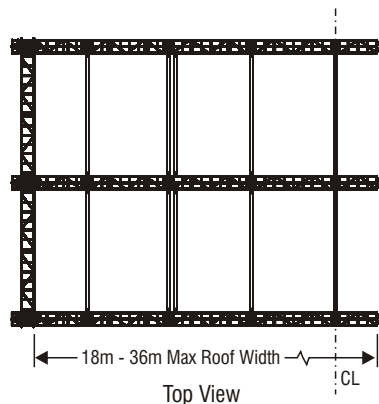
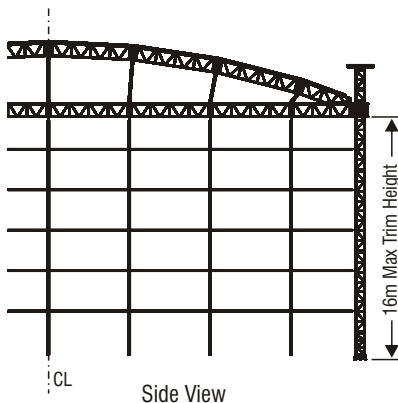
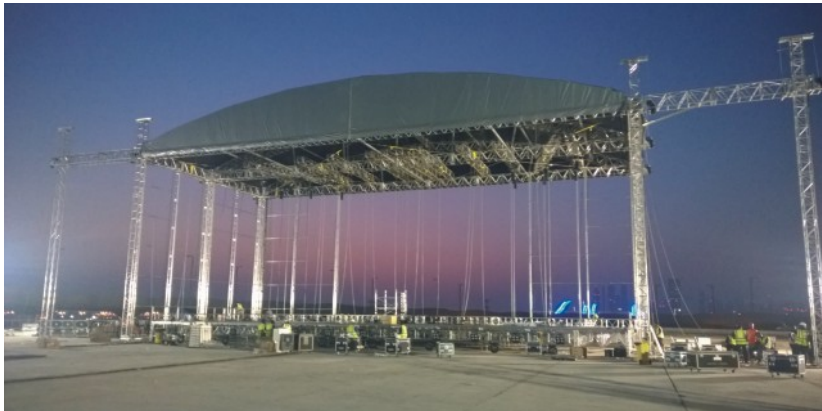


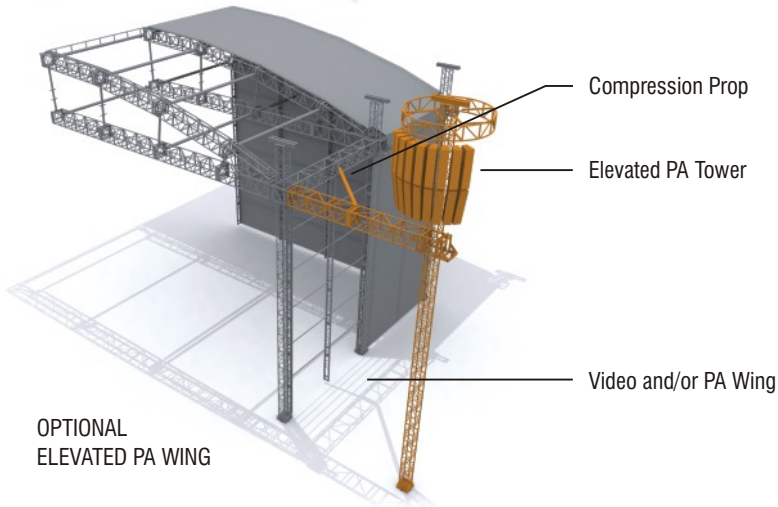
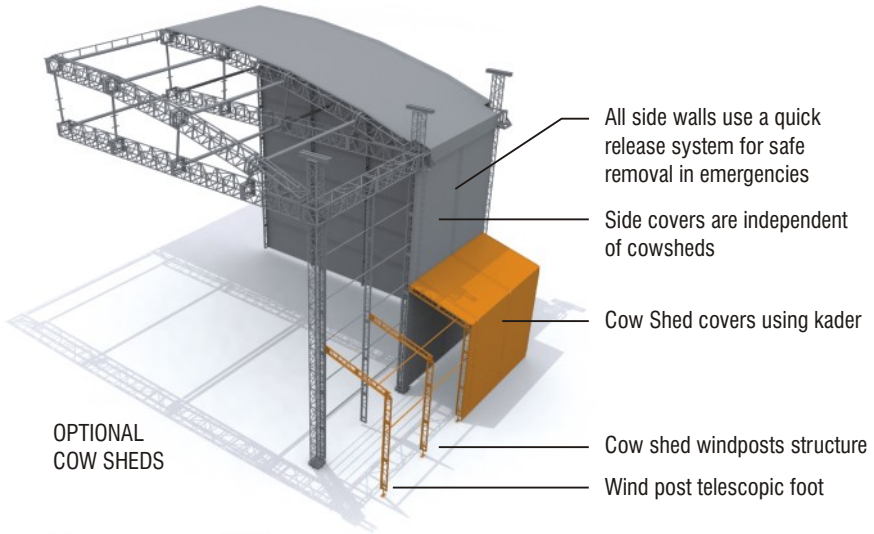
Roofs Compound Arch Systems



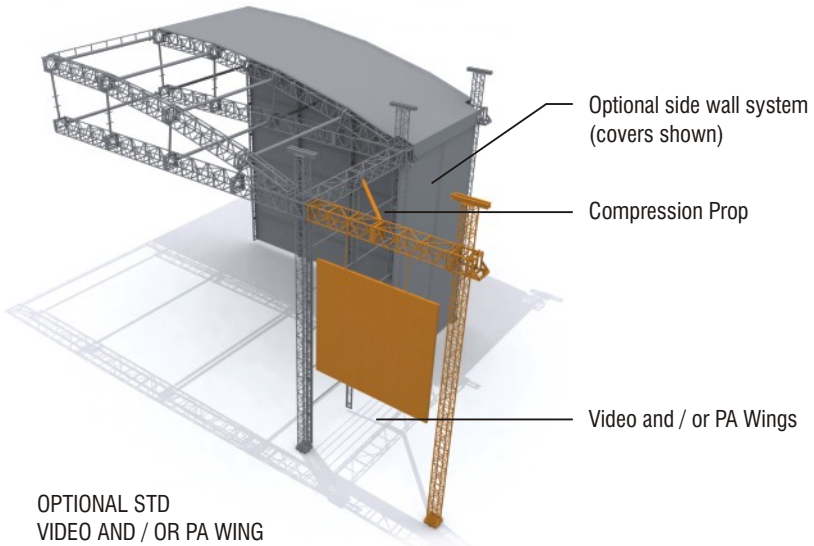
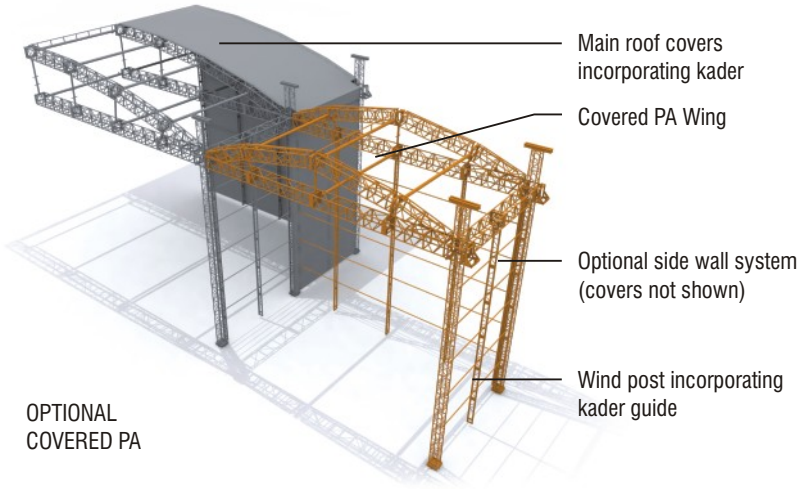
Compound Roof Systems are an evolution of using two sets of truss elements to create the capacity of one much larger unit. By using a flat grid truss, structurally tied to an arched truss, then much longer spans are achievable whilst maintaining large loading capacities. Each compound arch is joined to the next via a series of tubular purlins. With most of the components being standard trusses along with any of the special components being relatively small sections, this provides for an extremely tight truck pack.



Roofs Compound Arch Systems



Roofs Compound Arch Systems



Roofs Compound Arch Systems



Material Specifications

Mast Type:	Various
Material Specifications:	EN AW-6082 T6
Fixings:	Fork End : TP pins & R3 Clips; TFT pins & R3 Clips
Roof Capacity:	Nominal 10,000kgs - 40,000kgs
Available Widths:	18mts - 36mts
Max. Trim Height:	16mts*
Kader Profile?	Yes
PA Wings Available?	Yes - Option

Available Options - Towers

TFL 18" Towers	Max. Recommend Roof Trim Height	16mts
Slick Nova Towers	Max. Recommend Roof Trim Height	16mts

Available Options - Grid and Arch Truss

TFL EHD Truss	Max. Recommend Roof Width	30mts
TFL SMD Truss	Max. Recommend Roof Width	18mts
TFL SHD Truss	Max. Recommend Roof Width	24mts
Slick Superbeam	Max. Recommend Roof Width	36mts

Design Specification

Manufactured in accordance with

BS EN 1090-3:2008 : Technical Requirements for aluminium structures

EN ISO 9001:2008 : Quality management systems

BS118 The Structural Use of Aluminium

CE Certified

- All loads are given in Kilograms
- Allowance has been made for self-weight of truss
- The payload of the truss has been calculated as a permanent action. Should it be necessary to consider the payload as a variable action, the tabulated figures should be reduced to 90% of the given values

* NOTE: Specialist Tower heights of more than 16mts can be designed

