

DAYTONA

STAGE HIRE

DS72 MAIN STAGE TRUSS SPECIFICATION AND LOAD CALCULATIONS

GENERAL INFORMATION

- Truss Type: [OPTI] Trilite 210 Box

SPECIFICATION

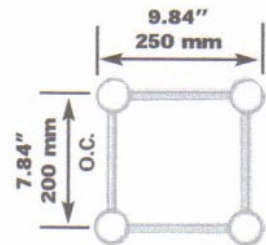
- Main Tube; 2" (50.8mm) Ø x 16 gauge wall (0.065" T)
- Lacing Spars; 1/2" (12.7mm) Ø x 16 gauge wall (0.065" T)
- Material; 6005 – T6 Aluminium

STANDARDS

- TÜV Type Approved to VBG 70/04.98

DIMENSIONS

- Roof: 12 metres (w) x 6 metres (d). Consisting of 2, 12m lateral box truss, and 4, 6m longitudinal box truss, supported by 2, 3.5m vertical box truss and 2, 3m vertical box truss. This support is also backed up by the two operational hydraulic rams.



LOADINGS

- The maximum loadings for each 12m span is; Max Point Load – 200kgs, Max Uniform Distributed Load – 500kgs
- The maximum loadings for each 6m span is; Max Point Load – 300kgs, Max Uniform Distributed Load – 800kgs
- Loads placed upon the roof trussing should be evenly distributed towards the outer sections (e.g. only very light equipment should be attached to the central portion of the roof).
- The loading figures for the trussing are based on a load being applied evenly to both lower tubes. Individual loading of a single tube can reduce overall load-bearing characteristics. Daytona Stage Hire cannot be held responsible if the above loadings are exceeded.